

HIRE EQUIPMENT CATALOGUE



SOUTH PACIFIC WELDING GROUP- SPECIALIST IN WELDING SUPPLIES- HIRE & SERVICE

COMPANY PROFILE

South Pacific Welding Group Pty Ltd was formed in early 2003 bringing together a number of welding supply warehouses that have a combined service history of over 70 years. We specialise in welding which includes equipment, consumables, service, second hand and hire. Our businesses are able to deliver a national specialised welding supply chain. Each of our trading companies have retained their locations, staff expertise and customer service levels whilst combining buying power and marketing initiatives. At SPW we will continue to deliver exceptional service and a comprehensive range of welding products in every location.

Specialising in project work we place a major emphasis on understanding the needs of our Customers and carry comprehensive range of quality products to backup & support our clients. We have a solid understanding and the necessary infrastructure to assist with all facets of supply & service of Welding Equipment or related products.

SPW offers a total supply package for all welding consumables, equipment and associated products including, Hire, and sales of second hand welding equipment etc.

We are Authorised Agents for-

- ARCOS Speciality Welding Consumables
- Binzel
- Cigweld
- Elliott's Safety
- Esab Consumables & Equipment
- Flexovit Abrasives
- Huntington Fusion Purging Systems
- Hyundai Welding consumables
- Kobe Welding Consumables
- Lincoln Electric
- Magnatech- Orbital Welding Equipment
- Mathey Dearman Pipe Cutting & Alignment clamps
- Metabo power tools
- Miller Welding Equipement
- Sandvik Stainless steel consumables
- Speedglas Welding Helmets & spares
- Sumner pipe Tooling
- Tig master GTAW Components
- TiP TiG
- Tri Tool Beveling Equipment
- Weldstar Welding Equipment & Consumables
- WIA Equipment & Consumables

SOUTH PACIFIC WELDING GROUP- SPECIALIST IN WELDING SUPPLIES- HIRE & SERVICE

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MINARC EVO 140VRD -10 Amp



Technical specifications

WELDING OUTPUT RANGE: 10 -140 AMPS

RATED OUTPUT: 140 A/25.6 V @ 28%, 100 A/24.0 V @ 100 %

PROCESS: MMAW, LIFT TIG

STICK ELECTRODES: 2.5...3.25 MM

CONNECTION VOLTAGE: 240 VOLT, 10 AMP

WEIGHT: 5.8 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

ARC WELDING LEAD SET 5 MTRS

MEETS AUSTRALIAN STANDARD AS60974-1 AND MINE SAFETY STANDARD MDG 25
FAIL TO SAFE FUNCTION IN THE EVENT OF VRD FAILURE

- PREMIUM WELDING PERFORMANCE
- USE WITH ALL ELECTRODE TYPES
- PFC TECHNOLOGY FOR ULTIMATE ENERGY EFFICIENCY
- DESIGNED FOR USE WITH LONG SUPPLY CABLES
- HIGH CURRENT OUTPUT AND DUTY CYCLE
- LIGHTWEIGHT AND PORTABLE
- PRECISE LIFT TIG TECHNOLOGY
- MAINS NETWORK OR GENERATOR USE

PORTABLE MMAW SINGLE PHASE

BUILT SPECIFICALLY FOR THE MINING ENVIRONMENT, THE MINARC EVO 140 VRD (VOLTAGE REDUCTION DEVICE) IS PORTABLE, POWERFUL AND HELPS DELIVER SAFER WELDING IN CATEGORY A, B AND C ENVIRONMENTS. IT IS PERFECT FOR REPAIR AND MAINTENANCE APPLICATIONS AROUND THE MINE SITE.

THE MINARC EVO 140 WELDING MACHINE MEETS THE AUSTRALIAN STANDARD AS60974-1 AND MINE SAFETY STANDARD MDG 25. HIGHLY COMPLIANT WITH SAFETY REGULATIONS, THE MINARC EVO 140'S INTEGRATED VRD HAS BEEN TESTED TO ACHIEVE LOWER THAN 35 OPEN CIRCUIT VOLTS WITHIN 300MS FROM PEAK LOAD.

MINARC EVO 140 FEATURES A VRD OPERATIONAL STATUS LIGHT AND FAIL TO SAFE FUNCTION IN THE EVENT OF VRD FAILURE. IT ALSO HAS AN ELECTRICAL SUPPLY CURRENT (100% ED I1EFF) OF 10 AMPS AND IS PROTECTED BY AN IP23S ENVIRONMENTAL RATING.

MINARC EVO 150VRD



Technical specifications

WELDING OUTPUT RANGE: 5 -150 AMPS

RATED OUTPUT: 140 A/25.6 V @ 35%, 100 A/24.0 V @ 100 %

PROCESS: MMAW, LIFT TIG

STICK ELECTRODES: 2.5...3.25 MM (SOME 4 MM)

CONNECTION VOLTAGE: 240 VOLT, 15 AMP

WEIGHT: 5.8 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

ARC WELDING LEAD SET 5 MTRS

- PREMIUM WELDING PERFORMANCE
- USE WITH ALL ELECTRODE TYPES
- PFC TECHNOLOGY FOR ULTIMATE ENERGY EFFICIENCY
- DESIGNED FOR USE WITH LONG SUPPLY CABLES
- HIGH CURRENT OUTPUT AND DUTY CYCLE
- LIGHTWEIGHT AND PORTABLE
- PRECISE LIFT TIG TECHNOLOGY
- MAINS NETWORK OR GENERATOR USE

PORTABLE MMAW SINGLE PHASE

IDEAL FOR SITE USE, YOU CAN USE MINARC EVO 150 FROM MAINS OR GENERATOR POWER SUPPLIES, EVEN WITH EXTRA LONG SUPPLY CABLES. MINARC EVO IS EASY TO CARRY, SO YOU CAN NORMALLY TAKE EVERYTHING YOU NEED IN ONE JOURNEY.

THE LARGE AND CLEAR METER DISPLAY MAKES ACCURATE CURRENT SETTING SIMPLE AND EASY, AND PRECISE LIFT TIG IGNITION ENSURES HIGH QUALITY DC TIG WELDING. CONNECT MINARC EVO'S REMOTE CONTROL OPTION AND YOU CAN ADJUST WELDING PARAMETERS AT DISTANCE DURING WELDING

MINARC TIG 180VRD DC HF GTAW



Technical specifications

WELDING OUTPUT RANGE: 10 -180 AMPS

RATED OUTPUT: TIG 35% ED 180 A/17.2 V

MMA 35% ED 140 A/25.6 V

PROCESS: MMAW, HI FREQUENCY DC TIG

STICK ELECTRODES: 2.5...3.25 MM

CONNECTION VOLTAGE: 240 VOLT, 15 AMP

WEIGHT: 8.4 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

150AMP OR 200AMP 3PCE TIG TORCH 3.8MTR OR 7.6 MTR

ARGON REGULATOR & FLOW METER

ARC WELDING LEAD SET 5 MTRS

GAS HOSE 5MTR

BENEFITS

- QUICK AND EASY TO USE
- QUALITY WELDS
- PORTABILITY
- DURABILITY
- POWER GENERATOR COMPATIBLE

PORTABLE DC GTAW SINGLE PHASE

THE MINARCTIG™ 180 VRD AU IS A SINGLE-PHASE 230-VOLT WELDING MACHINE WITH A LOAD RATING THAT IS THE HIGHEST IN ITS SIZE CLASS. IT CAN BE POWERED FROM EITHER A MAINS SUPPLY WITH A LONG INPUT CABLE OR A GENERATOR, MAKING IT USEFUL FOR ON-SITE MOUNTING WORK, PIPE WELDING, CONSTRUCTION, AND THE HIRE INDUSTRY. MMA WELDING IS POSSIBLE FOR ALL STANDARD MATERIALS AND ELECTRODE TYPES.

THIS DUAL-PROCESS MACHINE OFFERS A UNIQUE COMBINATION FOR COMPLETING VARIOUS WELDING TASKS. TIG CAN BE USED FOR TASKS DEMANDING GREAT ACCURACY, WHILE MMA OFFERS THE POSSIBILITY TO WELD THICK AND DEMANDING JOINTS EFFICIENTLY. THE DUAL PROCESS TIG/MMA MACHINE EXPANDS THE FIELD OF APPLICATION GREATLY – FROM THICK TO THIN, ALLOYED TO UNALLOYED, INDOOR TO OUTDOOR. IT IS SUITABLE FOR RUNNING BOTH DEMANDING ROOT PASSES AND FILLER PASSES REQUIRING HIGH PRODUCTIVITY

MAIN APPLICATIONS

- INSTALLATION AND OUTFITTING
- REPAIR AND MAINTENANCE
- THIN SHEET METAL FABRICATION WORKSHOPS
- CHEMICAL AND PROCESS INDUSTRY

MINARC TIG EVO 200 DC HF GTAW



Technical specifications

WELDING OUTPUT RANGE: 10 -200 AMPS

RATED OUTPUT: TIG 25 % ED 200 A/18 V

MMA 35 % ED 170 A/26.8 V

PROCESS: MMAW, HI FREQUENCY DC TIG

STICK ELECTRODES: 2.5...4.0 MM

CONNECTION VOLTAGE: 240 VOLT, 15 AMP

WEIGHT: 11 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

150AMP OR 200AMP 3PCE TIG TORCH 3.8MTR OR 7.6 MTR

ARGON REGULATOR & FLOW METER

ARC WELDING LEAD SET 5 MTRS

GAS HOSE 5MTR

BENEFITS

- PRE AND POST GAS TIMER
- SLOPE IN/OUT TIMER
- TORCH SWITCH LATCHING
- QUICK AND EASY TO USE
- QUALITY WELDS
- PORTABILITY
- DURABILITY
- POWER GENERATOR COMPATIBLE

PORTABLE DC GTAW SINGLE PHASE

MINARCTIG EVO IS JUST WHAT YOU'D EXPECT FROM A KEMPPi TIG WELDING MACHINE.

ACCURATE AND REFINED HF IGNITION AND THE NECESSARY CONTROL, POWER AND WORK CAPACITY TO RELIABLY COMPLETE A VARIETY OF PROFESSIONAL WELDING TASKS. MINARCTIG EVO IS THE IDEAL DC TIG WELDING SOLUTION FOR LIGHT INDUSTRIAL MANUFACTURING, INSTALLATION, REPAIR AND MAINTENANCE APPLICATIONS. THE LIGHTWEIGHT AND COMPACT SIZE IS A REAL BONUS FOR WELDING PROFESSIONALS ON THE MOVE.. IT CAN BE POWERED FROM EITHER A MAINS SUPPLY WITH A LONG INPUT CABLE OR A GENERATOR, MAKING IT USEFUL FOR ON-SITE MOUNTING WORK, PIPE WELDING, CONSTRUCTION, AND THE HIRE INDUSTRY. MMA WELDING IS POSSIBLE FOR ALL STANDARD MATERIALS AND ELECTRODE TYPES.

MAIN APPLICATIONS

- INSTALLATION AND OUTFITTING
- REPAIR AND MAINTENANCE
- THIN SHEET METAL FABRICATION WORKSHOPS
- CHEMICAL AND PROCESS INDUSTRY

MAXSTAR 200DX DC HF GTAW



Technical specifications

WELDING OUTPUT RANGE: 1 -200 AMPS

RATED OUTPUT: TIG 60 % ED 175 A/17 V

MMA 60 % ED 150 A/26 V

PROCESS: MMAW, HI FREQUENCY DC TIG

STICK ELECTRODES: 2.5...4.0 MM

CONNECTION VOLTAGE: 240 VOLT, 15 AMP

WEIGHT: 17 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

150AMP OR 200AMP 3PCE TIG TORCH 3.8MTR OR 7.6 MTR

ARGON REGULATOR & FLOW METER

ARC WELDING LEAD SET 5 MTRS

GAS HOSE 5MTR

DC TIG FEATURES

EXCEPTIONALLY SMOOTH AND PRECISE ARC FOR WELDING EXOTIC MATERIALS.

STICK FEATURES (DC)

TAILORED ARC CONTROL (DIG) ALLOWS THE ARC CHARACTERISTIC TO BE CHANGED FOR SPECIFIC APPLICATIONS AND ELECTRODES. SMOOTH RUNNING 7018 OR STIFFER, MORE PENETRATING 6010.

HOT START™ ADAPTIVE CONTROL PROVIDES POSITIVE ARC STARTS WITHOUT STICKING.

PORTABLE DC GTAW SINGLE PHASE

MAXSTAR 200 IS A POWERFUL COMBINATION OF CAPABILITY AND PORTABILITY. WEIGHING ONLY 17 KG, IT CAN WELD UP TO 1/4" THICK MATERIAL. THE DC TIG/STICK POWER SOURCES FEATURE AN ENERGY-EFFICIENT INVERTER DESIGN AND AUTO-LINE™ TECHNOLOGY ALLOWS FOR ANY INPUT VOLTAGE HOOK UP (115-460 V) WITH NO MANUAL LINKING, PROVIDING CONVENIENCE IN ANY JOB SETTING. IDEAL SOLUTION FOR DIRTY OR UNRELIABLE POWER.

FAN-ON-DEMAND™ POWER SOURCE COOLING SYSTEM OPERATES ONLY WHEN NEEDED, REDUCING NOISE, ENERGY USE AND THE AMOUNT OF CONTAMINATES PULLED THROUGH THE MACHINE.

MAIN APPLICATIONS

PRECISION FABRICATION

PETRO/CHEMICAL

AEROSPACE

FOOD/BEVERAGE INDUSTRY

DAIRY

SHIPBOARD

MINARC TIG 250 DC HF GTAW



Technical specifications

WELDING OUTPUT RANGE: 10 -250 AMPS

RATED OUTPUT: TIG 35 % ED 250 A/20.1 V

MMA 35 % ED 220 A/28.8 V

PROCESS: MMAW, HI FREQUENCY DC TIG

STICK ELECTRODES: 2.5...5.0 MM

CONNECTION VOLTAGE: 415 VOLT, 20 AMP OR 32 AMP

WEIGHT: 11 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

150AMP OR 200AMP 3PCE TIG TORCH 3.8MTR OR 7.6 MTR

ARGON REGULATOR & FLOW METER

ARC WELDING LEAD SET 5 MTRS

GAS HOSE 5MTR

BENEFITS

- PRE AND POST GAS TIMER
- SLOPE IN/OUT TIMER
- TORCH SWITCH LATCHING
- QUICK AND EASY TO USE
- QUALITY WELDS
- PORTABILITY
- DURABILITY
- POWER GENERATOR COMPATIBLE

PORTABLE DC GTAW 3 PHASE

MINARCTIG 250 IS THE IDEAL DC TIG WELDING SOLUTION FOR INSTALLATION, REPAIR AND MAINTENANCE APPLICATIONS. THE 250 AMP MODEL SUITS HIGH QUALITY WORK AND THE LIGHTWEIGHT AND COMPACT SIZE IS A REAL BONUS FOR PROFESSIONALS ON THE MOVE AROUND SITE.

MINARCTIG 250 IS A DUAL-PROCESS MACHINE, PROVIDING AN IMPRESSIVE DC TIG AND MMA WELDING EXPERIENCE. HIGH 35% DUTY CYCLE AND LIGHT WEIGHT COMBINE REAL PERFORMANCE ADVANTAGES, PLUS EXCEPTIONAL CONTROL IN LOW CURRENT IGNITION MEANS REFINED TIG WELDING QUALITY FOR PRECISE APPLICATIONS.

MAIN APPLICATIONS

- INSTALLATION AND OUTFITTING
- REPAIR AND MAINTENANCE
- THIN SHEET METAL FABRICATION WORKSHOPS
- CHEMICAL AND PROCESS INDUSTRY

MASTERTIG 2300MLS AC/DC GTAW



Technical specifications

WELDING OUTPUT RANGE: 10 -230 AMPS

RATED OUTPUT: TIG 40 % ED 230 A/19.2 V

MMA 40 % ED 180 A/27.2 V

PROCESS: MMAW, HI FREQUENCY AC/DC TIG

STICK ELECTRODES: 2.5...4.0 MM

CONNECTION VOLTAGE: 415 VOLT, 20 AMP OR 32 AMP

WEIGHT: 15 KG

Standard accessories available for this machine

150amp or 200amp 3Pce Tig torch 3.8mtr or 7.6 mtr

Argon Regulator & Flow meter

Arc Welding Lead set 5 mtrs

Gas hose 5mtr

THIS PRODUCT OFFERS THE MOST VERSATILE AND ADVANCED DEVICES & CHARACTERISTICS NEEDED IN TIG WELDING

THE MASTERTIG MLS ACDC ENABLES TIG WELDING WITH ANY TYPE OF CURRENT: AC, DC+, AND DC-. IN ADDITION, IT LETS YOU USE A COMBINATION OF AC AND DC, OR THE MIX TIG.

THE DIGITAL CONTROL PANELS OFFER ALL THE BASIC FUNCTIONS REQUIRED IN TIG WELDING, PLUS A GREAT NUMBER OF USEFUL ADDITIONAL FEATURES THAT IMPROVE THE QUALITY AND PRODUCTIVITY OF WELDING.

PORTABLE AC/DC GTAW 1 PHASE

MASTERTIG 2300 MLS ACDC OFFERS TIG WELDING PROFESSIONALS THE NECESSARY CONTROL TO MEET THEIR EXACTING NEEDS. WHATEVER THE APPLICATION, ENJOY THE PERFORMANCE. MASTERTIG MLS ACDC IS A PRECISE ALUMINIUM WELDING SPECIALIST THAT SUITS ALL WELDED MATERIALS. MODULAR DESIGN ALLOWS YOU TO BUILD THE PACKAGE THAT BEST SUITS YOUR NEEDS.

CONTROL PANEL ALLOWS FAST ADJUSTMENT OF BASE PARAMETERS INCLUDING: PRE/POST GAS TIME, AC ARC FREQUENCY AND SLOPE TIME VALUES.

MAIN APPLICATIONS
METAL FABRICATION
WORKSHOPS
SHIPYARDS AND O"SHORE
INDUSTRY
CHEMICAL AND PROCESS
INDUSTRY
MECHANISED WELDING

DYNASTY 200 AC/DC HF GTAW



Technical specifications

WELDING OUTPUT RANGE: 1 -200 AMPS

RATED OUTPUT: TIG 60 % ED 150 A/16 V

MMA 60 % ED 130 A/25.2 V

PROCESS: MMAW, HI FREQ. AC/ DC TIG, PULSE GTAW

STICK ELECTRODES: 2.5...4.0 MM

CONNECTION VOLTAGE: 240 VOLT, 15 AMP

WEIGHT: 20.5 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

150AMP OR 200AMP 3PCE TIG TORCH 3.8MTR OR 7.6 MTR

ARGON REGULATOR & FLOW METER

ARC WELDING LEAD SET 5 MTRS

GAS HOSE 5MTR

AC WAVEFORMS

ADVANCED SQUAREWAVE, FAST FREEZING PUDDLE, DEEP PENETRATION AND FAST TRAVEL SPEEDS. SOFT SQUAREWAVE FOR A SOFT BUTTERY ARC WITH MAXIMUM PUDDLE CONTROL AND GOOD WETTING ACTION.

DC TIG FEATURES

EXCEPTIONALLY SMOOTH AND PRECISE ARC FOR WELDING EXOTIC MATERIALS.

STICK FEATURES (AC/DC)

TAILORED ARC CONTROL (DIG) ALLOWS THE ARC CHARACTERISTIC TO BE CHANGED FOR SPECIFIC APPLICATIONS AND ELECTRODES. SMOOTH RUNNING 7018 OR STIFFER, MORE PENETRATING 6010.

HOT START™ ADAPTIVE CONTROL PROVIDES POSITIVE ARC STARTS WITHOUT STICKING.

PORTABLE AC/DC GTAW SINGLE PHASE

INVERTER-BASED, AC/DC POWER SOURCE HAS STATE-OF-THE-ART OPERATOR INTERFACE ALLOWING THE USER EXTRA SET-UP CAPABILITIES IN A COMPACT MACHINE. FEATURES MORE PRECISE CONTROL OF OUTPUT PARAMETERS

ADVANCED SQUAREWAVE ARC FOR IMPROVED WELDABILITY ON ALUMINUM AND MAGNESIUM USING LOW POWER. CONTINUOUS HIGH-FREQUENCY IS NOT NEEDED BECAUSE OF THE ADVANCED SQUAREWAVE ARC, AND EXTENDED BALANCE CONTROL ALLOWS YOU TO FINE-TUNE THE DURATION OF THE ELECTRODE NEGATIVE PORTION OF THE CYCLE FROM 30 TO 90%. THIS PROVIDES PRECISE CLEANING CONTROL AND PROLONGED TUNGSTEN LIFE.

FAN-ON-DEMAND™ POWER SOURCE COOLING SYSTEM OPERATES ONLY WHEN NEEDED, REDUCING NOISE, ENERGY USE AND THE AMOUNT OF CONTAMINATES PULLED THROUGH THE MACHINE.

MAIN APPLICATIONS
PRECISION FABRICATION
PETRO/CHEMICAL
AEROSPACE
FOOD/BEVERAGE INDUSTRY
DAIRY
SHIPBOARD

LINCOLN POWERMIG 180C



Technical specifications

WELDING OUTPUT RANGE: 30-180 AMPS

RATED OUTPUT: 130 A/20 V @ 30 %

PROCESS: MIG, FCAW

WIRE RANGE: 0.6-1.2 MM

CONNECTION VOLTAGE: 240 VOLT, 15 AMP

WEIGHT: 30 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

1 PHASE EXTENSION LEADS

ADVANTAGE

DESIGNED FOR 0.6-0.8MM SOLID WIRE AND 0.9-1.2MM GAS LESS FCAW
LARGE, EASY-TO-SET KNOBS PROVIDE VOLTAGE CONTROL AND FULL RANGE
CONTINUOUS WIRE FEED SPEED CONTROL

CONNECTS TO 240V 15 AMP OUTLETS

BUILT-IN "BURNBACK" FUNCTION-INSURES PROPER WIRE STICKOUT AFTER EACH
WELD WITH NO STICKING IN THE WELD PUDDLE

STEPLESS CONTROL VOLTAGE FOR PRECISE ADJUSTMENTS

COMPACT 1 PHASE MIG WELDER

COMPACT AND RELIABLE, THE POWER MIG® 180C IS A PORTABLE WELDING MACHINE, WITH SUPERIOR ARC PERFORMANCE. DESIGNED FOR LIGHT INDUSTRIAL APPLICATIONS IT MAY BE UTILISED IN THE WORKSHOP, SITE MAINTENANCE WORK, VEHICLE REPAIRS AND IN AGRICULTURAL APPLICATIONS RECOMMENDED FOR USE IN BOTH MIG/MAG APPLICATIONS, WITH ARGON MIX OR 100% CO2 GAS AND INNERSHIELD GASLESS FLUX CORED WELDING - ON VIRTUALLY ANY LIGHT GAUGE MATERIAL.

PRECISE ADJUSTMENT OF WELDING PARAMETERS IS POSSIBLE WITH THE CONTINUOUS CONTROL OF VOLTAGE AND WIRE FEED SPEED. THE RUGGED DRIVE ENSURES TROUBLE FREE WIRE FEEDING AND A BUILT IN BURN BACK TIMER PREVENTS THE WIRE FROM STICKING IN THE WELD POOL. THE MACHINE IS DESIGNED TO FEED WIRE FROM 0.6MM TO 1.2MM WIRE ON SMALL OR 5KG SPOOLS

APPLICATIONS INCLUDE LIGHT TO MEDIUM FABRICATION, SHEETMETAL, MAINTENANCE AND REPAIR

LINCOLN RED-MIG 325 REMOTE



Technical specifications

WELDING OUTPUT RANGE: 20-400 AMPS

RATED OUTPUT: 325 A/30 V @ 30 %

PROCESS: MIG, FCAW & FCAW SS

WIRE RANGE: 0.6-1.6 MM

CONNECTION VOLTAGE: 415 VOLT, 20 OR 32 AMP

WEIGHT: 130 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

PUSH PULL MIG GUN

CO2 HEATER

3PHASE EXTENSION LEADS

ADVANTAGE LINCOLN

- 32 VOLTAGE SELECTIONS
- GEAR DRIVEN 4 DRIVE ROLL SYSTEM
- VOLT/AMP METERS
- ADJUSTABLE BURNBACK CONTROL
- POLARITY CHANGE FOR MIG OR GASLESS WIRES
- 2 STEP/4 STEP TRIGGER LOCK FUNCTION
- SPOT TIMER FOR TACKING OR STITCH WELDING
- COLD WIRE INCH
- GAS PURGE

3 PHASE MIG WELDER

THE REDI-MIG® 325 REMOTE IS A 3 PHASE, HEAVY-DUTY MIG WELDER, FACTORY FITTED WITH THE REDI-MIG® 4D WIRE FEEDER COMPLETE WITH 8M INTERCONNECTION LEADS.

EXCEPTIONAL WELDING CHARACTERISTICS, PROVIDING OPTIMUM PERFORMANCE OVER A WIDE RANGE OF CONSUMABLES INCLUDING MILD STEEL, STAINLESS STEEL, ALUMINIUM AND FLUX-CORED WIRES.

APPLICATIONS INCLUDE LIGHT TO MEDIUM FABRICATION, GENERAL ENGINEERING, BOAT BUILDING, SHEETMETAL, MAINTENANCE AND REPAIR

LINCOLN RED-MIG 455 REMOTE



Technical specifications

WELDING OUTPUT RANGE: 30-455 AMPS

RATED OUTPUT: 350 A/31.5 V @ 100 %

PROCESS: MIG, FCAW & FCAW SS

WIRE RANGE: 0.6-1.6 MM

CONNECTION VOLTAGE: 415 VOLT, 32 AMP

WEIGHT: 148 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

PUSH PULL MIG GUN

CO2 HEATER

3PHASE EXTENSION LEADS

ADVANTAGE LINCOLN

- 30 VOLTAGE SELECTIONS
- 30-455 AMP OUTPUT
- 350 AMP @ 100% DUTY CYCLE
- POLARITY CHANGE FOR MIG OR GASLESS WIRES
- DIGITAL VOLT/AMP METER

3 PHASE MIG WELDER

THE REDI-MIG® 455 REMOTE IS A 3 PHASE, HEAVY-DUTY MIG WELDER. IT PRODUCES CONSISTENT WELDS WITH A CRISP, CLEAN ARC FOR MEDIUM TO HEAVY FABRICATION WITH BOTH SOLID AND FLUX-CORED WIRES.

THE REDI-MIG® 455 REMOTE DELIVERS EXCEPTIONAL WELDING PERFORMANCE ON A WIDE RANGE OF MATERIALS INCLUDING MILD STEEL, STAINLESS STEEL AND ALUMINIUM.

IDEAL FOR MEDIUM TO HEAVY FABRICATION, SHEETMETAL, BOAT MANUFACTURE, MAINTENANCE, HARDFACING AND REPAIR APPLICATIONS

TRANSMIG 400 3PH MIG PLANT



Technical specifications

WELDING OUTPUT RANGE: 22-400 AMPS

RATED OUTPUT: 400 A/33 V @ 50 %

PROCESS: MIG, FCAW & FCAW SS

WIRE RANGE: 0.6-1.6 MM

CONNECTION VOLTAGE: 415 VOLT, 32 AMP

WEIGHT: 222 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

CO2 HEATER

3PHASE EXTENSION LEADS

FEATURES-

36 FINE WELDING VOLTAGE CONTROL SETTINGS
SPOT, LATCH AND PURGE FUNCTIONS
HEAVY DUTY DESIGN AND CONSTRUCTION
DUAL INDUCTANCE
VOLT AND AMP METERS
4 ROLL WIRE FEEDER

3 PHASE MIG WELDER

THE TRANSMIG 400HD MIG WELDING PLANT HAS BEEN DESIGNED TO OPTIMISE THE PRODUCTIVITY OF THE METAL FABRICATION INDUSTRY. RUGGED DESIGN, EXCELLENT PERFORMANCE AND SIMPLICITY OF CONTROLS HAVE BEEN COMBINED IN THIS VERSATILE MIG WELDING PLANT. SOLID WIRES UP TO 1.6MM DIAMETER CAN BE RUN AT HIGH DUTY CYCLES TOGETHER WITH THE ABILITY TO DELIVER HIGH DEPOSITION PERFORMANCE WITH FLUX CORED WIRES OF UP TO 2.4MM.

IDEAL FOR MEDIUM TO HEAVY FABRICATION, SHEETMETAL, BOAT MANUFACTURE, MAINTENANCE, HARDFACING AND REPAIR APPLICATIONS

MILLER PIPEWORX



Technical specifications

WELDING OUTPUT RANGE: 10-400 AMPS

RATED OUTPUT: 400 A/44V @ 100 %

PROCESS: STICK, DC TIG, MIG, MIG RMD™, PULSE & FCAW

WIRE RANGE: 0.6-1.6 MM

CONNECTION VOLTAGE: 415 VOLT, 32 AMP

WEIGHT: 153 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

200 AMP 3 PCE TIG TORCH

INTERCONNECTING LEAD SET 10MTR, 15MTR

3PHASE EXTENSION LEADS

MULTIPROCESS MACHINE

- WELD PROCESSES ARE OPTIMIZED TO DELIVER SUPERIOR ARC PERFORMANCE AND STABILITY SPECIFICALLY FOR ROOT PASS, FILL AND CAP PIPE WELDING.
- INCLUDES CONVENTIONAL STICK, DC TIG (LIFT-ARC™ OR HF START), FLUX CORED AND MIG WELDING PROCESSES.
- ALSO FEATURES THE ADVANCED RMD™ PRO AND PRO-PULSE™ PROCESSES THAT DELIVER SUPERIOR QUALITY WELDS, INCREASE PRODUCTIVITY, AND REDUCE REWORK AND TRAINING.

ADVANCED - PROCESS WELDER

THE PIPEWORX™ WELDING SYSTEM PROVIDES A COMPREHENSIVE RANGE OF STANDARD WELDING PROCESS PROGRAMS SPECIFICALLY DESIGNED FOR THE WELDING OF CARBON STEEL AND STAINLESS STEEL PIPE.

THE MIG-MODIFIED SHORT CIRCUIT (RMD™) PROGRAMS AND PRO-PULSE™ MIG PROGRAMS ARE SYNERGIC PROGRAMS DESIGNED SPECIFICALLY FOR COMBINATIONS OF WIRE TYPE, WIRE DIAMETER AND SHIELDING GAS.

THE POWER SOURCE IS SHIPPED WITH TYPICAL WELD PARAMETERS FOR PIPE WELDING. THERE IS A MEANS TO RESET THE POWER SOURCE BACK TO THE TYPICAL WELD CONDITIONS (FACTORY SETTINGS). SYNERGIC WELDING PROGRAMS CAN ONLY BE ADJUSTED WITHIN A RANGE OF ACCEPTABLE WIRE FEED SPEED TO PREVENT OPERATION IN AN UNSTABLE ARC CONDITION. THIS PROMOTES WELD QUALITY AND SIMPLIFIES SET-UP.

MAIN APPLICATIONS
PIPE WELDING FABRICATION
PROCESS PIPING
REFINERY
PETROCHEMICAL
POWER
HVAC AND WATER PIPE

TIP TIG HOT WIRE GTAW



Technical specifications

WELDING OUTPUT RANGE: 10- 350AMPS
WITH ADDITION OF THE MILLER DYNASTY 350AC/DC PROVIDED WITH PACKAGE

RATED OUTPUT: 300 A/32V @ 60 %

PROCESS: HW GTAW

WIRE RANGE: 0.9-1.6 MM

CONNECTION VOLTAGE: 415 VOLT, 32 AMP

WEIGHT: 23 KG (88 KG COMBINED WITH MILLER GTAW POWERSOURCE)

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

WP18 SC HW GTAW TORCH 4MTRS

INTERCONNECTING LEAD SET 4MTR

WP410 AUTO TORCH

REMOTE PENDANT

THE UNIQUE TIP TIG WELD DYNAMIC SLOWS DOWN THE WELD SOLIDIFICATION PROCESS AND ENLARGES THE FLUID WELD AREA. THE TIP TIG WELD CHANGES, IMPROVE THE TIG WELD RECEPTIVITY FOR HIGHER WELD DEPOSITION RATES. TIP TIG TYPICALLY ENABLES A 100% TO 300% INCREASE IN TIG WIRE FEED RATES WHICH ALSO ALLOWS HIGHER WELD CURRENT TO BE USED. THE RESULTING FASTER TIP TIG WELD SPEEDS AND HIGHER THAN NORMAL TIG WELD ENERGY ENABLES NUMEROUS TIG WELD QUALITY AND PRODUCTIVITY BENEFITS

ADVANCED - PROCESS WELDER

THE TIP TIG WELDING PROCESS IS A VERY UNIQUE HOTWIRE GTAW WELDING PROCESS THAT USES OUR PATENTED WIRE FEED TECHNOLOGY. THE BENEFITS OF THE SYSTEM WILL PROVIDE THE HIGHEST QUALITY, HIGHEST DEPOSITION RATES WITH THE LOWEST POSSIBLE HEAT INPUT VALUES CONSISTENTLY DELIVERING THE GREATEST METALLURGICAL RESULTS ON ALL ALLOYS

TIP TIG WELDING MACHINES ARE WIRE FED GTAW SYSTEMS THAT CREATE A VIBRATORY EFFECT ON THE WIRE IN ADDITION TO APPLYING HOTWIRE CURRENT TO THE FILLER METAL PRIOR TO ENTERING THE WELD PUDDLE. THE VIBRATORY EFFECT IS CREATED BY A LINEAR FORWARD AND BACKWARD MECHANICAL MOTION CREATED BY THE CUSTOM WIRE FEEDER SYSTEM AND THE HOTWIRE CURRENT IS CREATED BY A SECONDARY POWER SOURCE WITHIN THE TIP TIG WELDING MACHINE

MAIN APPLICATIONS
PIPE WELDING FABRICATION
PROCESS PIPING
REFINERY
PETROCHEMICAL
POWER
HVAC AND WATER PIPE

LINCOLN STT II



Technical specifications

WELDING OUTPUT RANGE: PEAK CURRENT: 0-450A
BACK GROUND CURRENT: 0-125A

RATED OUTPUT: 225 A/29 V @ 60 %

PROCESS: GMAW-STT®

WIRE RANGE: 0.6-1.4 MM

CONNECTION VOLTAGE: 415 VOLT, 32 AMP

WEIGHT: 53 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

LN-25PRO DUAL WIRE FEEDER

INTERCONNECTING LEAD SET 10MTR, 15MTR OR 20 MTRS

GMAW GUN 200 AMP

REGULATOR

3PHASE EXTENSION LEADS

STT® (SURFACE TENSION TRANSFER®)

IS A CONTROLLED GMAW SHORT CIRCUIT TRANSFER PROCESS THAT USES CURRENT CONTROLS TO ADJUST THE HEAT INDEPENDENT OF WIRE FEED SPEED, RESULTING IN SUPERIOR ARC PERFORMANCE, GOOD PENETRATION, LOW HEAT INPUT CONTROL, AND REDUCED SPATTER AND FUMES.

GOOD BEAD CONTROL AND FASTER TRAVEL

SPEEDS - CAN REPLACE TIG (GTAW) IN MANY APPLICATIONS WITHOUT SACRIFICING APPEARANCE OR QUALITY

ADVANCED - PROCESS WELDER

THE INVERTEC® STT® II POWER SOURCE COMBINES HIGH FREQUENCY INVERTER TECHNOLOGY WITH ADVANCED WAVEFORM CONTROL TECHNOLOGY® TO PROVIDE A BETTER WELDING SOLUTION THAN TRADITIONAL SHORT ARC MIG

CONTROLLED PENETRATION AND OUTSTANDING HEAT INPUT CONTROL - IDEAL FOR WELDING JOINTS WITH OPEN ROOT, GAPS, OR ON THIN MATERIAL WITH NO BURNTHROUGH.

GOOD BEAD CONTROL AND FASTER TRAVEL SPEEDS - CAN REPLACE TIG (GTAW) IN MANY APPLICATIONS WITHOUT SACRIFICING APPEARANCE OR QUALITY

MAIN APPLICATIONS
SHEET METAL FABRICATION
PIPE ROOT PASS WELDING

TRANSMIG 320SP PULSE MIG



Technical specifications

WELDING OUTPUT RANGE: 5-320 AMPS

RATED OUTPUT: 250 A/26.5 V @ 100 %

PROCESS: MIG, FCAW & FCAW SS

WIRE RANGE: 0.6-1.6 MM

CONNECTION VOLTAGE: 415 VOLT, 32 AMP

WEIGHT: 35 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

PUSH PULL MIG GUN

CO2 HEATER

3PHASE EXTENSION LEADS

THE PORTABLE TRANSMIG 320SP, WITH AN INTEGRATED 4-ROLL WIRE FEED SYSTEM, OUTPUTS 320 AMP DC AT ONLY 35KG –

THE IDEAL SYNERGIC MIG FOR QUALITY WELDING APPLICATIONS, SUCH AS:

- ALUMINIUM BOAT FABRICATION OR REPAIR
- STAINLESS STEEL TANK AND PIPE FABRICATION.

3 PHASE COMPACT PULSE MIG WELDER

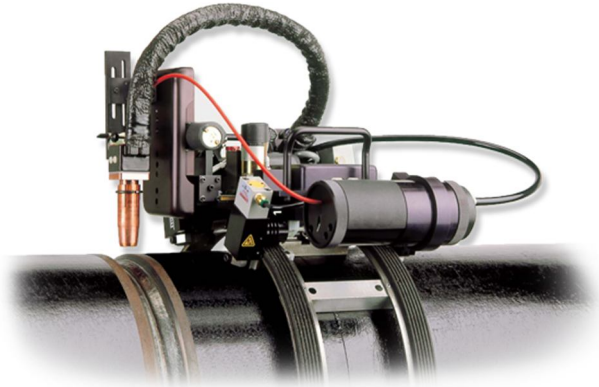
THE ULTIMATE POWER SOURCE DESIGNED FOR PRECISION MIG WELDING OF STEEL, ALUMINIUM, STAINLESS STEEL, STEEL AND OTHER WELDABLE MATERIALS.

SPRAY TRANSFER WELDING PERMITTED AT LOWER-THAN-NORMAL AVERAGE WELD CURRENTS
NO SPATTER OR UNDERCUT IN THE MAJORITY OF WELDING APPLICATIONS
PRECISE CONTROL OF WELDING POWER, TO ASSURE BEAD SHAPE AND ROOT PENETRATION RIVALLING TIG WELDING

IMPROVED ARC CONTROL FOR OUT-OF-POSITION WELDING AND MORE EFFECTIVE WELDING OF THIN MATERIALS, WITH ALL THE ADVANTAGES OF SPRAY TRANSFER
OPTIMISED PULSE PROGRAMS FOR GAS/WIRE COMBINATIONS
100 WELDING PROGRAMS • SMART CONTROLS IMPROVING PRODUCTIVITY, IN AN ERGONOMICALLY DESIGNED CONTROL PANEL

STAINLESS STEEL FABRICATION
PIPE WELDING
CUSTOM JOB SHOPS
MAINTENANCE REPAIRS
CONSTRUCTION & MINING
GENERAL STEEL, STAINLESS STEEL, AND ALUMINIUM FABRICATION

MAGNATECH PIPELINER II 609



Technical specifications

APPLICATION PIPE SIZE –	168 MM (6.625") AND LARGER
PIPE WALL THICKNESS –	UNLIMITED
FLX-TRACK™	FOR WELDING ON FLAT AND CURVED SURFACES
OSCILLATION MODULE (LINEAR)	
OSCILLATION STROKE AMPLITUDE	0 – 51 MM (2")
OSCILLATION SPEED	0 – 2540 MM/MIN. (100 IPM)
OSCILLATION DWELL	0 – 1 SECOND. INDEPENDENTLY ADJUSTABLE AT BOTH
STROKE ENDPOINTS	
CROSS SEAM ADJUSTMENT	± 25 MM (1.0")
OSCILLATION MODULE (OPTIONAL)	(PENDULAR) ALLOWS SOCKETS/FILLET WELDING
CROSS SEAM ADJUSTMENT	± 20 DEGREES
TORCH VERTICAL MOTION MODULE STROKE:	66 MM (2.625") (MOTORIZED)
SPEED:	1520 MM/MIN. (60 IPM) MAXIMUM
TRACTOR MODULE	POLY-TRACK® PROPULSION (PATENTED)
SPEED CAPABILITY AVAILABLE	0-762 MM/MIN. (30 IPM). HI/SPEED MOTORS
TRAVEL DIRECTION	SWITCH SELECTABLE (ON HEAD)
WIRE WIRE DIAMETER:	0.8 – 1.6 MM (0.03 – 0.62")
WIRE FEED SPEED:	0.5 – 22 M/MIN. (20 – 866 IPM)
WIRE SPOOL SIZE:	15/16 KG (25/33 LBS)
WATER-COOLED TORCH AMPERAGE CAPABILITY:	300 AMPS CONTINUOUS. USES STANDARD
TORCH COMPONENTS	
CABLE LENGTH WIRE FEEDER PUSH-PULL –	7.6 M (25') STANDARD

THE PIPELINER II IS THE FIRST PRACTICAL ALTERNATIVE TO MANUAL WELDING OF LARGER DIAMETER AND HEAVY WALL PIPES. IT PRODUCES THE SAME WELD QUALITY AS MECHANIZED GTAW, BUT AT 5 TO 15 TIMES THE DEPOSITION RATE. IT IS IDEAL FOR ORBITAL PIPELINE WELDING USING GMAW/FCAW PROCESSES. USED WITH THE MPS4000 POWER SOURCE, THE PIPELINER WELD HEADS PRODUCE WELDS WITH ROBOTIC CONSISTENCY AND PRECISION. THE PIPELINER IS EQUALLY SUITABLE FOR FAB SHOP OR SITE USE, AND HAS A PROVEN HISTORY OF DEPENDABILITY AND PRODUCTIVITY EVEN IN THE HARSHTEST ENVIRONMENTS. THE SYSTEM IS CAPABLE OF PRODUCING HIGH-QUALITY WELDS IN ALL GRAVITY POSITIONS - MEETING ASME IX AND API 1104 CODE REQUIREMENTS.

THE WELD HEAD IS MOUNTED ON THE PIPE BY MEANS OF METAL GUIDE RINGS WHICH ARE AVAILABLE FOR ALL STANDARD PIPE SIZES. THE WELD HEAD MOUNTS ENTIRELY ON ONE SIDE OF THE JOINT, ALLOWING USE FOR PIPE-TO-FITTING NEEDS

ORBITAL FCAW WELD HEAD

THE MAGNATECH PIPELINER II IS DESIGNED TO MAKE PIPE-TO- PIPE AND PIPE-TO-FITTING WELDS. INTERCHANGEABLE GUIDE RINGS MOUNT THE HEAD ON THE PIPE, ALLOWING A BROAD WORKPIECE SIZE RANGE FROM 168 – 1524 MM (6" – 60") AND LARGER.

THE PIPELINER II IMPROVES PRODUCTIVITY BY INCREASING DUTY CYCLE, REDUCING REPAIR RATES, AND PRODUCING WELDS OF CONSISTENT QUALITY

TORCH OSCILLATION (WEAVE) WIDTH, SPEED, AND ENDPOINT "DWELL" INDEPENDENTLY PROGRAMMABLE.

ELECTRONIC TORCH "CROSS SEAM" STEERING.

WATER-COOLED TORCH 300 A

POSITIVE WIRE DRIVE SYSTEM GUARANTEES UNIFORM ROTATION SPEED.

MAIN APPLICATIONS
CROSS COUNTRY PIPELINES
PIPE WELDING FABRICATION
PROCESS PIPING
REFINERY
PETROCHEMICAL
POWER
HVAC AND WATER PIPE

INVERTEC V350PRO



Technical specifications

WELDING OUTPUT RANGE: 5 - 425 AMPS

RATED OUTPUT: 350 A/34 V @ 60 %

PROCESS: STICK, DC TIG, MIG, FLUX-CORED, GOUGING

STICK ELECTRODES: 1.5...4.0 MM

GOUGING CARBONS: - 8.0MM

CONNECTION VOLTAGE: 415 VOLT, 20 OR 32 AMP

WEIGHT: 39 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

ARC WELDING LEAD SET 10MTR, 15MTR OR 20 MTRS

LN-25 SITE WIRE FEEDER, WITH CHOICE OF GUN DEPENDANT ON PROCESS

REMOTE CURRENT CONTROL 20MTR

GOUGING TORCH

3PHASE EXTENSION LEADS

- EXCEPTIONAL MULTI-PROCESS FABRICATION WELDING
- 5-425 AMP OUTPUT RANGE - FOR ALL RECOMMENDED PROCESSES FROM DC TIG TO ARC GOUGING.
- LOW OPEN CIRCUIT VOLTAGE IN MMAW- (VRD)
- LOW POWER CONSUMPTION FOR ENERGY SAVINGS - 88% EFFICIENCY.
- INPUT VOLTAGE FROM 208-575 AND 50 AND 60 HZ OPERATION - ONE MACHINE RUNS ON VIRTUALLY ANY INPUT POWER SUPPLY.

MULTI-PROCESS CC/CV 3 PHASE

THE MULTI-PROCESS INVERTEC® V350 PRO IS AN EFFICIENT, LIGHTWEIGHT AND PORTABLE CHOICE FOR TRAINING, FABRICATION OR CONSTRUCTION APPLICATIONS

FEATURES-
EXCEPTIONAL MULTI-PROCESS FABRICATION WELDING -

CC - STICK SOFT • CC - STICK CRISP
DC TIG
CV - WIRE - FOR MIG AND METAL-CORED
CV - INNERSHIELD® AND OUTERSHIELD® FLUX-CORED • ARC GOUGING - ACCESSIBLE FROM ALL MODES - PLENTY OF POWER TO HANDLE A 5/16 IN. (7.9 MM) CARBON.

MAIN APPLICATIONS
CONSTRUCTION
SHIPBUILDING
RAILROAD
TRUCK/TRAILER
MANUFACTURING
FABRICATION
REPAIR SHOPS
POWER GENERATION
PLANTS

LINCOLN FLEXTEC 450



Technical specifications

WELDING OUTPUT RANGE: 5 - 500 AMPS

RATED OUTPUT: 450 A/38 V @ 60 %

PROCESS: STICK, DC TIG, MIG, FLUX-CORED, GOUGING

STICK ELECTRODES: 2.5...5.0 MM

GOUGING CARBONS: - 9.5 MM

CONNECTION VOLTAGE: 415 VOLT, 32 AMP

WEIGHT: 56.8 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

ARC WELDING LEAD SET 10MTR, 15MTR OR 20 MTRS

LN-25 SITE WIRE FEEDER, WITH CHOICE OF GUN DEPENDANT ON PROCESS

REMOTE CURRENT CONTROL 20MTR

GOUGING TORCH

3 PHASE EXTENSION LEADS

EXCEPTIONAL MULTI-PROCESS FABRICATION WELDING
5-500 AMP OUTPUT RANGE - FOR ALL RECOMMENDED PROCESSES FROM DC TIG TO ARC
GOUGING.
LOW OPEN CIRCUIT VOLTAGE IN MMAW- (VRD)
DESERT DUTY™ RATED – WELDING OUTPUTS ARE RATED FOR EXTREME TEMPERATURE
OPERATION UP TO 55°C.
EASY TO SET UP AND EASY TO OPERATE

MULTI PROCESS CC/CV 3 PHASE WELDER

MULTI-PROCESS WELDER
DELIVERING UP TO 500 AMPS
OF WELDING POWER FOR A
VARIETY OF APPLICATIONS,
INCLUDING CONSTRUCTION
AND FABRICATION. IT
FEATURES AN IP23 RATING
FOR OUTDOOR OPERATION
AND STORAGE,

CC - STICK SOFT • CC - STICK
CRISP
DC TIG
CV - WIRE – FOR MIG AND
METAL-CORED
CV - INNERSHIELD® AND
OUTERSHIELD® FLUX-CORED •
ARC GOUGING – ACCESSIBLE
FROM ALL MODES – PLENTY OF
POWER TO HANDLE 9.5 MM)
CARBON.

MAIN APPLICATIONS
CONSTRUCTION
SHIPBUILDING
RAILROAD
TRUCK/TRAILER
MANUFACTURING
FABRICATION
REPAIR SHOPS
POWER GENERATION PLANTS

IDEALARC DC-600



Technical specifications

WELDING OUTPUT RANGE: 70-780 AMPS

RATED OUTPUT: 600 A/44 V @ 100 %

PROCESS: STICK, DC TIG, MIG, FLUX-CORED, GOUGING

STICK ELECTRODES: 2.5...5.0 MM

GOUGING CARBONS: - 9.5 MM

CONNECTION VOLTAGE: 415 VOLT, 62 AMP

WEIGHT: 237 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

- ARC WELDING LEAD SET 10MTR, 15MTR OR 20 MTRS
- LN-25 SITE WIRE FEEDER, LN-9 WIRE FEEDER WITH CHOICE OF GUN DEPENDANT ON PROCESS
- LT-7 SAW TRACTOR
- REMOTE CURRENT CONTROL 20MTR
- GOUGING TORCH
- 3PHASE EXTENSION LEADS

- FULL RANGE OUTPUT VOLTAGE CONTROL FOR EASY OPERATION AND PRECISE CONTROL.
- STANDARD ANALOG AMMETER AND VOLTMETER.
- MODE SWITCH FOR SELECTING DESIRED OUTPUT CHARACTERISTICS.

MULTI-PROCESS CC/CV 3 PHASE

MULTI-PROCESS WELDER DELIVERS UP TO 780 AMPS OF WELDING POWER FOR A VARIETY OF APPLICATIONS, INCLUDING CONSTRUCTION AND FABRICATION.

RUGGED CONSTRUCTION, SIMPLE CONTROLS AND A 100% DUTY CYCLE OUTPUT.

MAIN APPLICATIONS
CONSTRUCTION
SHIPBUILDING
RAILROAD
TRUCK/TRAILER
MANUFACTURING
FABRICATION
REPAIR SHOPS

BANK OF 4 X LINCOLN FLEXTEC 450



Technical specifications

WELDING OUTPUT RANGE: 5 - 500 AMPS EA POWERSOURCE

RATED OUTPUT: 450 A/38 V @ 60 %

PROCESS: STICK, DC TIG, MIG, FLUX-CORED, GOUGING

STICK ELECTRODES: 2.5...5.0 MM

GOUGING CARBONS: - 9.5 MM

CONNECTION VOLTAGE: 415 VOLT, 32 AMP

WEIGHT: 1100 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

ARC WELDING LEAD SET 10MTR, 15MTR OR 20 MTRS

LN-25 SITE WIRE FEEDER, WITH CHOICE OF GUN DEPENDANT ON PROCESS

REMOTE CURRENT CONTROL 20MTR

GOUGING TORCH

FITTED WITH 2 RATED LIFTING LUGS & FORK POCKETS IN BASE TO ENABLE LOADING AND WORKSITE REPOSITIONING WITH FORK LIFT OR CRANE.

RACK ROOF PANEL AND FOLD DOWN PVC SIDES

HD SKID DESIGN TO STAND UP TO THE RUGGED CONSTRUCTION ENVIRONMENT.

FORK POCKETS IN BASE TO ENABLE LOADING AND WORKSITE REPOSITIONING WITH FORK LIFT.

EASY POWER SOURCE REMOVAL FROM RACK ALL MACHINES WIRED WITH CONVENTIONAL PLUG FOR APPLICATIONS REMOTE FROM RACK.

SINGLE HD INPUT LEAD FOR GENERATOR HOOK UP

MULTI OPERATOR BANK CC/CV WELDERS

A CONVENIENT BANK OF 4 MULTI-PROCESS WELDERS DELIVERING UP TO 500 AMPS OF WELDING POWER EA FOR A VARIETY OF APPLICATIONS, INCLUDING CONSTRUCTION AND FABRICATION. IT FEATURES AN IP23 RATING FOR OUTDOOR OPERATION AND STORAGE,

ALL MACHINES ARE INDIVIDUALLY WIRED IN AND CAN BE UNPLUGGED AND EASILY REMOVED FOR MAINTENANCE OR CHANGE OVER WITHOUT AFFECTING THE BALANCE OF EQUIPMENT. BANKS SUPPLIED WITH A SINGLE HD INPUT LEAD TO HARD WIRE INTO GENERATORS SETS

CC - STICK SOFT • CC - STICK CRISP
DC TIG
CV - WIRE – FOR MIG AND METAL-CORED
CV - INNERSHIELD® AND OUTERSHIELD® FLUX-CORED •
ARC GOUGING – ACCESSIBLE FROM ALL MODES – PLENTY OF POWER TO HANDLE 9.5 MM) CARBON.

MAIN APPLICATIONS
CONSTRUCTION
SHIPBUILDING
RAILROAD
TRUCK/TRAILER
MANUFACTURING
FABRICATION
REPAIR SHOPS
POWER GENERATION PLANTS

ARC TRACKER DATA MONITOR



Technical specifications

RATED OPERATING RANGE 1000A 44 VDC @100 %

PROCESS: DC ARC WELDING CIRCUITS ONLY, ANY DC POLARITY WELDING PROCESS, ANY WELDING EQUIPMENT

CONNECTION VOLTAGE: 120-230 VOLT

WEIGHT: 9 KG

STANDARD ACCESSORIES SUPPLIED FOR THIS MACHINE

DETACHABLE INPUT CORD 6 FT. (2 M) WITH NEMA 5-15P PLUG AND AN IEC 60320 PLUG RECEPTACLE.

POLARITY SPECIFIC ARC VOLTAGE REMOTE SENSE LEADS 15 FT. (4.5 M) (QTY - 2).

THE ARC TRACKER™ MONITORS INFORMATION REGARDING YOUR WELDING ARC BY CONNECTING IT BETWEEN ANY DC WELDING POWER SOURCE AND THE WORK CLAMP.

- ACCURATELY MONITOR WELDING PARAMETERS
- BROAD COMPATIBILITY
- SIMPLE PLUG-N-PLAY DESIGN
- VARIABLE INPUT VOLTAGE

ARC TRACKER DATA MONITOR

ARC TRACKER™ PORTABLE, POWERFUL WELD PERFORMANCE MONITORING. CONNECT THE ARC TRACKER™ BETWEEN ANY DC WELDING POWER SOURCE AND THE WORK CLAMP TO ACCESS A WIDE ARRAY OF DATA MONITORING INFORMATION REGARDING YOUR WELDING ARC, INCLUDING TRUE ENERGY™ AND PRODUCTION MONITORING.

FEATURES

ACCURATELY MONITOR WELDING PARAMETERS – ADVANCED DIGITAL CONTROLS SAMPLE THE WELDING PARAMETERS AT EXTREMELY HIGH SPEEDS.

BROAD COMPATIBILITY – THE ARC TRACKER™ IS COMPATIBLE WITH ANY DC WELDING PROCESS POWER SOURCE AND WIRE FEEDER.

SIMPLE PLUG-N-PLAY DESIGN – CONNECT TO ANY DC WELDING CIRCUIT, ATTACH VOLTAGE SENSE LEADS AND BEGIN MONITORING WELD PERFORMANCE IMMEDIATELY. VARIABLE INPUT VOLTAGE – THE ARC TRACKER™ AUTO-SENSES ANY INPUT VOLTAGE BETWEEN 120 – 230 VOLTS AC. ETHERNET CONNECTION – COMMUNICATES WELD DATA STATUS TO YOUR NETWORK VIA STANDARD ETHERNET.

Limitations – The Arc Tracker™ does not support Production Monitoring™ wire feed speed and deposition rate data

LN-25 VOLTAGE SENSING FEEDER



Technical specifications

RATED OUTPUT: 300 A @ 60 %

PROCESS: MIG, FLUX-CORED

WIRE SIZE (MM) : SOLID: 0.6-1.6CORED: 0.8-2.0 MM

DIMENSIONS : 356 X 188 X 533 MM

CV/CC SWITCH • ALLOWS USE OF CC POWER SOURCE

WEIGHT: 15.4 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

INNERSHIELD GUN 350 AMP

GMAW/FCAW GUN 400 AMP

SPOOL ADPATORS 6 KG ROLLS

INTERCONNECTING LEADS 10, 15 OR 20MTR

REGULATORS ARGON OR CO2

GAS HOSE 10, 15 OR 20MTR

PERFORMANCE

FOR MIG AND FLUX-CORED ARC WELDING PROCESSES USING UP TO 44 LB. (19.9 KG) SPOOLS.

DESIGNED FOR . (0.6-1.6MM) SOLID, (0.9-2.0MM) CORED

INCLUDES DC VOLTMETER, VOLTMETER POLARITY SWITCH AND 15 FT. (4.6M) ARC SENSING LEAD AND CLIP

VOLTAGE SENSING SITE WIRE-FEEDER

THE LN™-25 IS IDEAL FOR FIELD CONSTRUCTION AND FABRICATION, SHIPYARDS,

SINCE IT IS POWERED ACROSS THE ARC, NO CONTROL CABLES ARE NEEDED! SIMPLY CONNECT THE WELD CABLE, ATTACH THE ARC SENSING CLIP, AND YOU'RE READY TO GO. THIS PORTABLE MIG AND FLUX-CORED WIRE FEEDER COMES IN A FULLY ENCLOSED CASE TO PROTECT AGAINST DAMAGE ON THE JOB SITE. THE LN-25 FEATURES A TOOL-LESS QUICK RELEASE MECHANISM FOR EASY WIRE CHANGING, AND IT ACCEPTS 10-44 LBS. (4.5-19.9 KG) WIRE PACKAGES FOR PLENTY OF WELDING VERSATILITY

MAIN APPLICATIONS
CONSTRUCTION
SHIPBUILDING
RAILROAD
TRUCK/TRAILER
MANUFACTURING
FABRICATION
REPAIR SHOPS
POWER GENERATION
PLANTS

LN-25PRO VOLTAGE SENSING FEEDER



Technical specifications

RATED OUTPUT: 325 A @ 100 %

PROCESS: MIG, FLUX-CORED

WIRE SIZE (MM) : SOLID: 0.6-1.6CORED: 0.8-2.0 MM

DIMENSIONS : 381 X 221 X 589 MM

CV/CC SWITCH - ALLOWS USE OF CC POWER SOURCE

WEIGHT: 16 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

INNERSHIELD GUN 350 AMP

GMAW/FCAW GUN 400 AMP

SPOOL ADPATORS 6 KG ROLLS

INTERCONNECTING LEADS 10, 15 OR 20MTR

REGULATORS ARGON OR CO2

GAS HOSE 10, 15 OR 20MTR

PERFORMANCE

2-STEP/TRIGGER INTERLOCK PROVIDES COMFORT FOR LONG WELDS.
STURDIER AND RUGGED SPINDLE DESIGN WITH AN INCORPORATED BRAKE.
ANALOG VOLTMETER WITH POLARITY INDICATOR LED AUTOMATICALLY
ADJUSTS TO WELDING POLARITY.
NON-LINEAR WIRE FEED SPEED GIVES SINGLE RANGE CONTROL, YET
MAINTAINS SENSITIVITY WITH LOW WIRE FEED SPEED.

VOLTAGE SENSING SITE WIRE-FEEDER

THE LN™-25 PRO IS IDEAL
FOR FIELD CONSTRUCTION
AND FABRICATION,
SHIPYARDS,

FEATURES-
RELIABILITY LIGHTWEIGHT,
IMPACT AND FLAME
RESISTANT
POLYCARBONATE CASE
DESIGN KEEPS THE
INTERNAL COMPONENTS
PROTECTED.

POTTED AND TRAYED PC
BOARD PROTECTS AGAINST
MOISTURE AND
CORROSION.
REEL LOCKING MECHANISM
ELIMINATES SPINDLE
CROSS THREADING

MAIN APPLICATIONS
CONSTRUCTION
SHIPBUILDING
RAILROAD
TRUCK/TRAILER
MANUFACTURING
FABRICATION
REPAIR SHOPS
POWER GENERATION
PLANTS

LN-25PRO DUAL WIRE FEEDER



Technical specifications

RATED OUTPUT: 325 A @ 100 %

PROCESS: MIG, MIG-STT®, FLUX-CORED

WIRE SIZE (MM) : SOLID: 0.6-1.6 CORED: 0.8-2.0 MM

DIMENSIONS: 381 X 221 X 589 MM

STT® READY WITH REMOTE CONTROL CAPABILITIES

INPUT POWER: 15-110 VDC or 24-42 VAC

WEIGHT: 16 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

INTERCONNECTING LEAD SET 10MTR, 15MTR OR 20 MTRS

GMAW GUN 200 AMP

FCAW GUN 400AMP

REGULATOR

GAS HOSE 10, 15 OR 20MTR

PERFORMANCE

2-STEP/TRIGGER INTERLOCK PROVIDES COMFORT FOR LONG WELDS.
STURDIER AND RUGGED SPINDLE DESIGN WITH AN INCORPORATED BRAKE.
ANALOG VOLTMETER WITH POLARITY INDICATOR LED AUTOMATICALLY
ADJUSTS TO WELDING POLARITY.
NON-LINEAR WIRE FEED SPEED GIVES SINGLE RANGE CONTROL, YET
MAINTAINS SENSITIVITY WITH LOW WIRE FEED SPEED.

SEMI AUTOMATIC WIRE-FEEDER

THE LN™-25 PRO
DUAL IS
STT® READY WITH REMOTE
CONTROL CAPABILITIES

FEATURES-
RELIABILITY LIGHTWEIGHT,
IMPACT AND FLAME
RESISTANT
POLYCARBONATE CASE
DESIGN KEEPS THE
INTERNAL COMPONENTS
PROTECTED.

POTTED AND TRAYED PC
BOARD PROTECTS AGAINST
MOISTURE AND
CORROSION.
REEL LOCKING MECHANISM
ELIMINATES SPINDLE
CROSS THREADING

INTERNAL CONTACTOR
GAS SOLENOID
FLOW METER

MAIN APPLICATIONS
PIPE
CONSTRUCTION
SHIPBUILDING
RAILROAD
TRUCK/TRAILER
MANUFACTURING
FABRICATION
REPAIR SHOPS
POWER GENERATION
PLANTS

VANTAGE 575 DIESEL WELDER



Technical specifications

WELDING OUTPUT RANGE: 30-575 AMPS

RATED OUTPUT: 500 A/40V @ 60 %

AUXILARY POWER: 20 KVA, 3 PHASE & SINGLE PHASE

PROCESS: STICK, DC TIG, MIG, FLUX-CORED, GOUGING

STICK ELECTRODES: 2.5...6.0 MM

GOUGING : up to 9.5mm Carbons

WEIGHT: 741 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

ARC WELDING LEAD SET 10MTR, 15MTR OR 20 MTRS

LN-25 SITE WIRE FEEDER, WITH CHOICE OF GUN DEPENDANT ON PROCESS

REMOTE CURRENT CONTROL 20MTR

GOUGING TORCH

MACHINE SUPPLIED TO FULL MINE SPECIFICATIONS

INCLUDES-

- ROLL FRAME
- SPILL TRAY
- BATTERY ISOLATOR
- VOLTAGE REDUCTION DEVICE-VRD
- FIRE EXTINGUISHER 4.5 KG
- EARTH STAKE- IF REQUIRED
- SPARK ARRESTOR-IF REQUIRED

ENGINE DRIVEN WELDER GENERATOR

ADVANTAGE LINCOLN

SIMPLE TO OPERATE
SELECT ONE OF THREE
PROCESS MODES, INCLUDING
CC-STICK, TOUCH-START™ TIG
OR CV WIRE, AND THEN DIAL
IN THE DESIRED OUTPUT.

OPTIMISED CC-STICK MODE
- CC-STICK MODE IS
OPTIMISED FOR GENERAL
PURPOSE AND E7018 LOW
HYDROGEN ELECTRODES.

ARC CONTROL ADJUSTMENT
PRODUCES A SOFT, BUTTERY
ARC OR A MORE FORCEFUL,
DIGGING ARC

20KVA OF AUXILIARY POWER

DIGITAL VOLT/AMP METERS
BUILT-IN PRESET FUNCTION
MAKES IT EASY TO PRECISELY
SET YOUR PROCEDURES.

ARC GOUGING WITH UP TO
9.5MM CARBONS.

FULL INSTRUMENTATION
FUEL, OIL PRESSURE, ENGINE
TEMPERATURE GAUGES AND
HOUR METER KEEP YOU ON
TOP OF MONITORING ENGINE
PERFORMANCE.

CUMMINS® B3.3 DIESEL
ENGINE 46 HORSEPOWER,
LIQUID-COOLED, 4 CYLINDER
CUMMINS® B3.3 ENGINE,
INCLUDES AUTOMATIC ENGINE
IDLER FOR GREATER FUEL
ECONOMY AND REDUCED
NOISE

VANTAGE 580 DIESEL WELDER



Technical specifications

WELDING OUTPUT RANGE: 30-520 AMPS

RATED OUTPUT: 500 A/40V @100 %

AUXILIARY POWER: 20 KVA, 3 PHASE & SINGLE PHASE

PROCESS: STICK, DC TIG, MIG, FLUX-CORED, GOUGING

STICK ELECTRODES: 2.5...6.0 MM

GOUGING : up to 9.5mm Carbons

WEIGHT: 586 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

ARC WELDING LEAD SET 10MTR, 15MTR OR 20 MTRS

LN-25 SITE WIRE FEEDER, WITH CHOICE OF GUN DEPENDANT ON PROCESS

REMOTE CURRENT CONTROL 20MTR

GOUGING TORCH

MACHINE SUPPLIED TO FULL MINE SPECIFICATIONS

- INCLUDES-
- GALVANISED ROLL FRAME - 4 POINT LIFTING
- GALVANISED SPILL TRAY
- BATTERY ISOLATOR
- VOLTAGE REDUCTION DEVICE-VRD
- FIRE EXTINGUISHER 4.5 KG
- EARTH STAKE- IF REQUIRED
- SPARK ARRESTOR-IF REQUIRED

ENGINE DRIVEN WELDER GENERATOR

ADVANTAGE LINCOLN

SIMPLE TO OPERATE
SELECT ONE OF FIVE PROCESS
MODES, INCLUDING CC-STICK,
CC-PIPE, CC-GOUGING,
TOUCH-START™ TIG OR CV
WIRE, AND THEN DIAL IN THE
DESIRED OUTPUT.

OPTIMISED CC-STICK MODE
- CC-STICK MODE IS
OPTIMISED FOR GENERAL
PURPOSE AND E7018 LOW
HYDROGEN ELECTRODES.

ARC CONTROL ADJUSTMENT
PRODUCES A SOFT, BUTTERY
ARC OR A MORE FORCEFUL,
DIGGING ARC

20KVA OF AUXILIARY POWER

DIGITAL VOLT/AMP METERS
BUILT-IN PRESET FUNCTION
MAKES IT EASY TO PRECISELY
SET YOUR PROCEDURES.

ARC GOUGING WITH UP TO
9.5MM CARBONS.

NEW CARBON ARC GOUGING
WAVEFORM DELIVERS
IMPROVED GOUGING
PERFORMANCE INCLUDING
VRD

• FULL INSTRUMENTATION
FUEL, OIL PRESSURE, ENGINE
TEMPERATURE GAUGES AND
HOUR METER KEEP YOU ON
TOP OF MONITORING ENGINE
PERFORMANCE.

PERKINS® 404D-22T TURBO
DIESEL ENGINE 43
HORSEPOWER, LIQUID-
COOLED, 4 CYLINDER
PERKINS® ENGINE, INCLUDES
AUTOMATIC ENGINE IDLER
FOR GREATER FUEL ECONOMY
AND REDUCED NOISE.

AIR VANTAGE 500 DIESEL WELDER



Technical specifications

WELDING OUTPUT RANGE: 30-575 AMPS

RATED OUTPUT: 500 A/40V @100 %

AUXILARY POWER: 12 KVA 240 VOLT SINGLE PHASE POWER, 2 X 15 AMP

PROCESS: STICK, DC TIG, MIG, FLUX-CORED, GOUGING

STICK ELECTRODES: 2.5...6.0 MM

AIR COMPRESSOR: 60CFM, 100PSI @100%

GOUGING : up to 9.5mm Carbons

WEIGHT: 785 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

ARC WELDING LEAD SET 10MTR, 15MTR OR 20 MTRS

LN-25 SITE WIRE FEEDER, WITH CHOICE OF GUN DEPENDANT ON PROCESS

REMOTE CURRENT CONTROL 20MTR

GOUGING TORCH

MACHINE SUPPLIED TO FULL MINE SPECIFICATIONS

- INCLUDES-
- GALVANISED ROLL FRAME - 4 POINT LIFTING
- GALVANISED SPILL TRAY
- BATTERY ISOLATOR
- VOLTAGE REDUCTION DEVICE-VRD
- FIRE EXTINGUISHER 4.5 KG
- EARTH STAKE- IF REQUIRED
- SPARK ARRESTOR-IF REQUIRED

ENGINE DRIVEN
WELDER
GENERATOR
COMPRESSOR

WELDER GENERATOR AND
AIR COMPRESSOR

ROTARY SCREW COMPRESSOR

NEW BELT DRIVEN VMAC®
ROTARY SCREW COMPRESSOR
RATED AT 60 CFM, 100PSI,
100% DUTY CYCLE. DELIVERS
ABUNDANT AIR FOR ARC
GOUGING WITH UP TO 9.5MM
CARBONS, PLASMA CUTTING

SELECT ONE OF FIVE PROCESS
MODES, INCLUDING CC-STICK,
CC-PIPE, CC-GOUGING,
TOUCH-START™ TIG OR CV
WIRE, AND THEN DIAL IN THE
DESIRED OUTPUT.

OPTIMISED CC-STICK MODE
- CC-STICK MODE IS
OPTIMISED FOR GENERAL
PURPOSE AND E7018 LOW
HYDROGEN ELECTRODES.

ARC CONTROL ADJUSTMENT
PRODUCES A SOFT, BUTTERY
ARC OR A MORE FORCEFUL,
DIGGING ARC

12KVA OF AUXILIARY POWER
- 2 X 240V, 15A IP66 RATED
OUTLETS
DIGITAL VOLT/AMP METERS
BUILT-IN PRESET FUNCTION
MAKES IT EASY TO PRECISELY
SET YOUR PROCEDURES.

• FULL INSTRUMENTATION
FUEL, OIL PRESSURE, ENGINE
TEMPERATURE GAUGES AND
HOUR METER KEEP YOU ON
TOP OF MONITORING ENGINE
PERFORMANCE.

CUTMASTER 20MM PLASMA



Technical specifications

CUTTING RANGE: TRUE CUT 20MM- MAXIMUM CUT 25MM - SEVERANCE 32MM- PIERCE 12MM

RATED OUTPUT: 60 A @40%

PROCESS: PLASMA CUTTING

CUTTING TORCH: SL100 6.1M HAND CUTTING TORCH

CONNECTION VOLTAGE: 415 VOLT, 20 OR 32 AMP

WEIGHT: 19.5 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

3 PHASE EXTENSION LEADS

HD RUBBER AIRLINE

NOTE: CUTTING CAPACITY DATA BASED ON MILD STEEL. PLEASE REFER BELOW

CUTTING CAPACITY TERMINOLOGY

GENUINE (TRUE) CUT CUTTING SPEED OF 250 MM/MIN WITH AN EXCELLENT SMOOTH CUT SURFACE AND LITTLE OR NO DROSS WITH NO NEED FOR GRINDING OR REWORK

MAXIMUM CUT CUTTING SPEED OF 150-200 MM/MIN WITH CLEAN SMOOTH CUT SURFACE AND MINOR DROSS

SEVERANCE CUT CUTTING SPEED OF LESS THAN 100 MM/MIN WITH RIPPLED CUT

PORTABLE PLASMA CUTTING SYSTEM

THE NEW CUTMASTER TRUE 20MM MANUAL PLASMA SYSTEM IS DESIGNED TO PROVIDE EXCELLENT CUTTING AND BEVELING PERFORMANCE ON MATERIALS UP TO 20MM THICK.

THIS INVERTER BASED DESIGN OPERATES FROM A 415V THREE PHASE SUPPLY AND INCORPORATES FEATURES SUCH AS AUTO-PILOT RE-START, TRUE GUARD ROLL BAR AND THE INDUSTRY RENOWNED SL60 1TORCH® FOR SUPERIOR DURABILITY AND CONSUMABLE LIFE. THE UNIT CAN ALSO BE USED FOR MEDIUM DUTY GOUGING APPLICATIONS WHEN FITTED WITH THE CORRECT TORCH CONSUMABLES

MINIMUM RECOMMENDED GENERATOR 12KVA

CUTMASTER 35MM PLASMA



Technical specifications

CUTTING RANGE: TRUE CUT 35MM- MAXIMUM CUT 40MM - SEVERANCE 45MM- PIERCE 20MM

RATED OUTPUT: 100 A @ 80%

PROCESS: PLASMA CUTTING

CUTTING TORCH: SL100 6.1M HAND CUTTING TORCH

CONNECTION VOLTAGE: 415 VOLT, 20 OR 32 AMP

WEIGHT: 28.1 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

3 PHASE EXTENSION LEADS

HD RUBBER AIRLINE

NOTE: CUTTING CAPACITY DATA BASED ON MILD STEEL. PLEASE REFER BELOW

CUTTING CAPACITY TERMINOLOGY

GENUINE (TRUE) CUT CUTTING SPEED OF 250 MM/MIN WITH AN EXCELLENT SMOOTH CUT SURFACE AND LITTLE OR NO DROSS WITH NO NEED FOR GRINDING OR REWORK

MAXIMUM CUT CUTTING SPEED OF 150-200 MM/MIN WITH CLEAN SMOOTH CUT SURFACE AND MINOR DROSS

SEVERANCE CUT CUTTING SPEED OF LESS THAN 100 MM/MIN WITH RIPPLED CUT

PORTABLE PLASMA CUTTING SYSTEM

THE NEW CUTMASTER TRUE 35MM MANUAL PLASMA SYSTEM IS DESIGNED TO PROVIDE EXCELLENT CUTTING AND BEVELING PERFORMANCE ON MATERIALS UP TO 35MM THICK.

THIS INVERTER BASED DESIGN OPERATES FROM A 415V THREE PHASE SUPPLY AND INCORPORATES FEATURES SUCH AS AUTO-PILOT RE-START, TRUE GUARD ROLL BAR AND THE INDUSTRY RENOWNED SL60 1TORCH® FOR SUPERIOR DURABILITY AND CONSUMABLE LIFE. THE UNIT CAN ALSO BE USED FOR MEDIUM DUTY GOUGING APPLICATIONS WHEN FITTED WITH THE CORRECT TORCH CONSUMABLES

MINIMUM RECOMMENDED GENERATOR 15KVA

CUTMASTER 40MM PLASMA



Technical specifications

CUTTING RANGE: TRUE CUT 40MM- MAXIMUM CUT 50MM - SEVERANCE 55MM- PIERCE 25MM

RATED OUTPUT: 120 A @ 80%

PROCESS: PLASMA CUTTING

CUTTING TORCH: SL100 6.1M HAND CUTTING TORCH

CONNECTION VOLTAGE: 415 VOLT, 32 AMP

WEIGHT: 28.1 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

3 PHASE EXTENSION LEADS

HD RUBBER AIRLINE

NOTE: CUTTING CAPACITY DATA BASED ON MILD STEEL. PLEASE REFER BELOW

CUTTING CAPACITY TERMINOLOGY

GENUINE (TRUE) CUT CUTTING SPEED OF 250 MM/MIN WITH AN EXCELLENT SMOOTH CUT SURFACE AND LITTLE OR NO DROSS WITH NO NEED FOR GRINDING OR REWORK

MAXIMUM CUT CUTTING SPEED OF 150-200 MM/MIN WITH CLEAN SMOOTH CUT SURFACE AND MINOR DROSS

SEVERANCE CUT CUTTING SPEED OF LESS THAN 100 MM/MIN WITH RIPPLED CUT

PORTABLE PLASMA CUTTING SYSTEM

THE NEW CUTMASTER TRUE 40MM MANUAL PLASMA SYSTEM IS DESIGNED TO PROVIDE EXCELLENT CUTTING AND BEVELING PERFORMANCE ON MATERIALS UP TO 40MM THICK.

THIS INVERTER BASED DESIGN OPERATES FROM A 415V THREE PHASE SUPPLY AND INCORPORATES FEATURES SUCH AS AUTO-PILOT RE-START, TRUE GUARD ROLL BAR AND THE INDUSTRY RENOWNED SL60 1TORCH® FOR SUPERIOR DURABILITY AND CONSUMABLE LIFE. THE UNIT CAN ALSO BE USED FOR MEDIUM DUTY GOUGING APPLICATIONS WHEN FITTED WITH THE CORRECT TORCH CONSUMABLES

MINIMUM RECOMMENDED GENERATOR 16.5KVA

LT-7 SAW TRACTOR



Technical specifications

WELDING OUTPUT RANGE: - 600 AMPS

RATED OUTPUT: 600 A @ 100 %

PROCESS: SUBMERGED ARC

SOLID WIRES: 2.4-4.8MM

WIRE FEED SPEED: 2.5 - 10.2 M/MIN

CONNECTION VOLTAGE: 115v

WEIGHT: 59 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

INTERCONNECTING LEAD SET 20 - 30MTRS

ROTARY EARTH LEAD

DC WELDING POWERSOURCES

THE LT-7 TRACTOR IS IDEAL FOR THE FOLLOWING APPLICATIONS: SHIP AND BARGE BUILDING, STORAGE TANK ERECTION, BRIDGE DECK INSTALLATION, BEAM, GIRDER OR COLUMN FABRICATION, AND LONG SEAMS ON HEAVY WELDMENTS

RECOMMENDED POWER SOURCES

FLEXTEC 650 CV-655, DC-600, DC-655, DC-1000, DC-1500

SUBMERGED ARC TRACTOR

THE LT-7 TRACTOR IS A SELF-PROPELLED MECHANIZED WIRE FEEDER, DESIGNED FOR THE SUBMERGED ARC PROCESS WITH TRACK SYSTEM CAPABILITIES. IT IS SELF-GUIDING AND EASY TO OPERATE – ONLY ONE OPERATOR IS USUALLY REQUIRED. IT IS DESIGNED TO BE USED WITH A VARIETY OF LINCOLN DC CONSTANT VOLTAGE AND CONSTANT CURRENT POWER SOURCES. THE RUGGED, LIGHTWEIGHT UNIT PERMITS QUICK MOVEMENT TO THE NEXT JOINT. ITS COMPACT SIZE FITS THROUGH SMALL OPENINGS AND CONFINED SPACES. BUTT AND FILLET WELDS CAN BE MADE ON HEAVY PLATE OR STEEL AS LIGHT AS 12 GAUGE (2.5MM).

MAIN APPLICATIONS
CONSTRUCTION
SHIPBUILDING
RAILROAD
TRUCK/TRAILER
MANUFACTURING
FABRICATION
REPAIR SHOPS
POWER GENERATION
PLANTS

TRI TOOL 204B BEVELMASTER



Technical specifications

BEVEL, FACE AND COUNTERBORE

RANGE: 1 ¼ -4" (31.8MM) THROUGH (110.0MM) PIPE RANGE
ALL SCHEDULES

PNEUMATIC MOTOR (55 CFM AT 90 PSI (621 KPA) AIR SUPPLY)

INCLUDES
OPERATING TOOL SET,
OPERATING MANUAL

CARRY CASE- TOTAL WEIGHT WITH MACHINE 8.86 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

AIR CADDY- FILTER, REGULATOR, LUBRICATOR WITH 10 FEET OF ¾" HOSE AND
FITTINGS (REQUIRED TO MAINTAIN THE WARRANTY ON THE AIR MOTOR).

FULL RANGE OF BEVELING TOOLS BITS (SPECIFY MATERIAL & PREP)

The 204B BEVELMASTER™ is an ID mounting weld end prep machine for 1 1/4" to 4" pipe (all Schedules) plus 3/4" pipe up to Sch 80 and 1" pipe up to Sch 160. One unique mandrel with interchangeable mounting blocks provides an inside diameter mounting range of 1.25" to 4.33". Optional mandrels are available for mounting in .61" to 1.00 and 1.00 to 1.25" ID. The 4" diameter cutter head provides maximum tool bit versatility with 3 tool slots to allow simultaneous beveling, facing and counterboring. The facing tool bit slot has a Cam adjustment mechanism for quick and simple land thickness adjustments. Mandrel shaft is hardened to Rockwell C55 and incorporates a shaft seal for maximum life. A 1.5 HP pneumatic motor provides for maximum cutting speed and wall thickness capability. Cutting head rotation and speed are controlled by a deadman control and a flow control valve.

PNEUMATIC ID BEVELLING MACHINE

MODEL 204B IS A PORTABLE ID MOUNT MACHINE TOOL FOR BEVELING, FACING AND COUNTERBORING THE ENDS OF PIPE OR TUBING IN PREPARATION FOR WELDING AND WILL SECURE TO PIPE AND TUBING WITH AN INSIDE DIAMETER FROM 1.25" (31.8MM) THROUGH 4.33" (110.0MM).

THE 204B IN-LINE FEED SYSTEM PROVIDES EXCELLENT CUTTING CONTROL AND ITS HEAVY-DUTY CUTTING HEAD ACCEPTS A WIDE RANGE OF BITS FOR INCREASED VERSATILITY. THE 1.5" FEED LENGTH IS PERFECT FOR YOUR DEEP COUNTERBORING AND THE BODY HAS ADDITIONAL MOUNTING HOLES FOR ADDITIONAL ACCESSORIES.

THE 204B'S MANDREL SHAFT IS HEAT TREATED TO RC 50 FOR MAXIMUM STRENGTH AND TO MINIMIZE WEAR DAMAGE.

HEAT-TREATED MANDREL MOUNTING BLOCKS FOR MAXIMUM LIFE AND SECURE MOUNTING AND ITS HEAVY DUTY AIR MOTOR WITH GEAR REDUCTION ENSURES OPTIMUM PERFORMANCE.

NOTE: THE AIR SUPPLY MUST HAVE A FILTER/REGULATOR LUBRICATOR

TRI TOOL 208B BEVELMASTER



Technical specifications

BEVEL, FACE AND COUNTERBORE

RANGE: 2- 8 "60.3 to 219.2mm) Pipe Range
WALL THICKNESS 0.875 (22.2MM)

PNEUMATIC MOTOR (85 CFM (40L/S) AT 90 PSI (621 KPA) AIR SUPPLY)

INCLUDES
OPERATING TOOL SET,
OPERATING MANUAL

CARRY CASE- TOTAL WEIGHT WITH MACHINE 26.8 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

AIR CADDY- FILTER, REGULATOR, LUBRICATOR WITH 10 FEET OF 3/4" HOSE AND FITTINGS (REQUIRED TO MAINTAIN THE WARRANTY ON THE AIR MOTOR).

FULL RANGE OF BEVELING TOOLS BITS (SPECIFY MATERIAL & PREP)

Cutting Capacities: (Pipe) 1 1/2" schedules 5 and 10; 2" schedule 5 through schedule 160; 3" through 8" all schedules (Tube) Up to .875" (22.2 mm) wall tubing with a max OD of 8.63" (219.2 mm) and a minimum ID of 1.63" (41.4 mm) may be bevelled with standard mandrel.

Wall thickness: Standard pipe schedules [.875" (22.2 mm) max] in the range listed. Tubing with greater wall thickness may be handled provided the ID is greater than 1.63" (41.4 mm) and the OD is less than 8.63" (219.2 mm). Contact TRI TOOL Inc. for heavier wall procedures.

Counterboring: Pipe and tubing with an ID range of 2.00" (50.8 mm) to 8.33" (211.6 mm).

Mounting: Manually actuated draw rod expands mandrel ramps and jaw blocks.
Drive System: Gear Driven Pneumatic Motor; Free speed 310 RPM; Max H.P. speed 155 RPM

PNEUMATIC ID BEVELLING MACHINE

THE MODEL 208B BEVELMASTER® IS A PORTABLE ID MOUNT MACHINE TOOL FOR BEVELING, FACING AND COUNTERBORING 2" TO 8" PIPE. CONFIGURED WITH IN-LINE FEED AND PNEUMATIC DRIVE MOTOR AT A RIGHT ANGLE TO THE LATHE HEAD, THE 208B CUTTING HEAD IS DRIVEN BY A POWERFUL GEAR DRIVE THAT TRANSFERS MAXIMUM POWER TO THE CUT. THIS MEANS YOU GET MINIMAL DRAG AND VIBRATION FOR PRECISION CHATTER-FREE WELD PREPS, EACH AND EVERY TIME.

NOTE: THE AIR SUPPLY MUST HAVE A FILTER/REGULATOR LUBRICATOR

TRI TOOL 214B BEVELMASTER



Technical specifications

BEVEL, FACE AND COUNTERBORE

RANGE: 4- 14 "114.3 to 355.6 mm) Pipe Range
WALL THICKNESS: 1.32" (33.53mm), Single Point 2.34" (59.44mm)

PNEUMATIC MOTOR (85 CFM (40L/S) AT 90 PSI (621 KPA) AIR SUPPLY)

INCLUDES
OPERATING TOOL SET,
OPERATING MANUAL

CARRY CASE- TOTAL WEIGHT WITH MACHINE 46.3 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

AIR CADDY- FILTER, REGULATOR, LUBRICATOR WITH 10 FEET OF ¾" HOSE AND FITTINGS (REQUIRED TO MAINTAIN THE WARRANTY ON THE AIR MOTOR).

FULL RANGE OF BEVELING TOOLS BITS (SPECIFY MATERIAL & PREP)

Cutting Capacities: (Pipe) 4" schedules 5 through schedule 160; 5" through 14" all schedules (Tube) Up to 1.32" (33.4 mm) wall tubing with a max OD of 14" (355.6 mm) and a minimum ID of 3.44" (87.4 mm) may be bevelled with standard mandrel.

Wall thickness: Standard pipe schedules 1.32" (33.4 mm) max] n the range listed. Tubing with greater wall thickness may be handled provided the ID is greater than 3.44" (87.4 mm) and the OD is less than 14" (355.6 mm)

Counterboring: Pipe and tubing with an ID range of (84.6 mm) to 14" (355.66 mm).

Mounting: Manually actuated draw rod expands mandrel ramps and jaw blocks.

Drive System: Gear Driven Pneumatic Motor; Free speed 310 RPM; Max H.P. speed 155 RPM

PNEUMATIC ID BEVELLING MACHINE

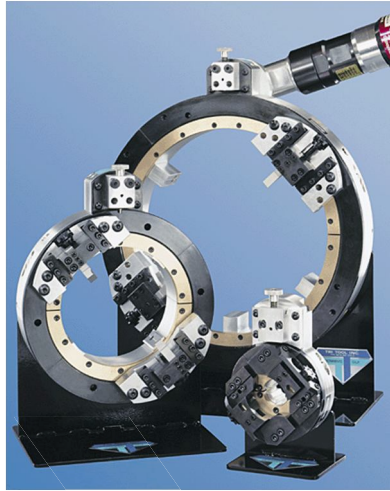
THE EXTREMELY VERSATILE MODEL 214B BEVELMASTER OFFERS A WIDE WORKING SIZE RANGE WITH A SINGLE STANDARD MANDREL. THE OPEN DESIGN OF THE TOOL HOLDERS ALLOW FOR UNOBSTRUCTED VIEWING OF MACHINING OPERATIONS FOR SIMULTANEOUS FACING, BEVELING AND COUNTERBORING.

TORQUE KEY ADJUSTMENT ON THE MANDREL PREVENTS BACKLASH AND VIBRATION, PROVIDING SMOOTHER CUTTING. A DOUBLE ENVELOPING WORM GEAR IS USED FOR MAXIMUM STRENGTH AND MACHINE LIFE.

PNEUMATIC DRIVE
• **OPTIONAL SINGLE POINT KIT FOR BEVELING AND FLANGE FACING UP TO 24"**

NOTE: THE AIR SUPPLY MUST HAVE A FILTER/REGULATOR LUBRICATOR

TRI TOOL 604SB CLAMSHELL



Technical specifications

SEVERING & BEVELING RANGE: 2-4"

COMPLETE WITH:
2 EACH EXTENDED RANGE TOOL MODULES
1 EACH HEAVY DUTY AIR MOTOR
STANDARD LOCATOR PAD SETS FOR FULL RANGE
TRIPPER ASSY,
OPERATING TOOL SET,
OPERATING MANUAL
CARRYING CASE- TOTAL WEIGHT WITH MACHINE 32 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

AIR CADDY- FILTER, REGULATOR, LUBRICATOR WITH 10 FEET OF 3/4" HOSE AND FITTINGS (REQUIRED TO MAINTAIN THE WARRANTY ON THE AIR MOTOR).

FULL RANGE OF SEVERING & BEVELING TOOLS BITS (SPECIFY MATERIAL & PREP)

COUNTERBORE MODULE

The 604SB Clamshell is a split-frame, OD mounting pipe lathe for severing or severing and beveling 2" through 4" in-line pipe or tube (2.375 to 4.50" OD). The lathe is available with two types of radial auto-feed tool module sets. The low profile tool block modules provide the lowest possible radial clearance and function over a 2.5" to 4.5" diameter range. Extended range tool modules are required for 2" pipe (2.375" dia.) or smaller tube. These extended range modules will also function on the 4" pipe size but require 1" of additional radial clearance. The lathes accept 2 fixed locator pads and 2 adjustable clamping pads for automatic self centering or four each adjustable clamping pads to allow the operator to compensate for out-of-round pipe. The lathe is powered by a right angle pneumatic motor provided with a torque-accepting flange, which also allows optimum clearance positioning

PNEUMATIC SPLIT FRAME CLAMSHELL CUTTING/BEVELING MACHINE

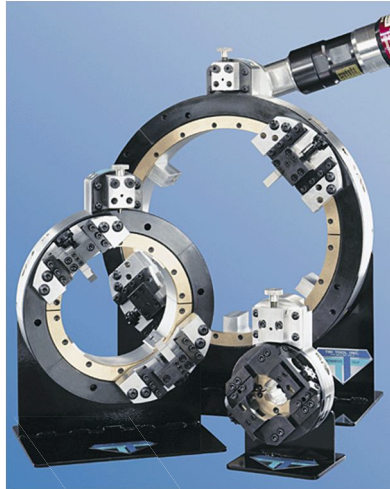
THE SPLIT-FRAME SB LATHES OFFER THE PRECISION AND POWER TO SEVER AND BEVEL A WIDE RANGE OF PIPE SIZES IN THE MOST DEMANDING APPLICATIONS.

SB (SLIDING BEARING) LATHES FEATURE ADJUSTABLE FULL-CONTACT BEARINGS FOR MAXIMUM STRENGTH, PROVIDING THE ULTIMATE SOLUTION FOR SIMULTANEOUS SEVERING AND BEVELING, DEEP COUNTERBORES, AND CLOSE TOLERANCE MACHINING. THE SIGNATURE SLIDING BRONZE BEARINGS PROVIDE MAXIMUM STABILITY FOR A SMOOTH FINISH, PRECISION MACHINING, AND LONG TOOL BIT LIFE, EVEN ON THE MOST DEMANDING MATERIALS. IN HARSH OR CONTAMINATED ENVIRONMENTS SUCH AS OFFSHORE OIL PLATFORMS OR NUCLEAR POWER PLANTS

WHILE MOST OFTEN USED IN A PORTABLE ROLE, CLAMSHELLS ARE EXTREMELY EFFECTIVE IN FABRICATION SHOPS WHERE HIGH VOLUME, PRECISE SEVERS, BEVELS AND END PREPS ARE NEEDED.

AIR REQUIREMENTS
55 CFM AT 90PSI (26 LT/SEC
AT 621 KPA)

TRI TOOL 606SB CLAMSHELL



Technical specifications

SEVERING & BEVELING RANGE: 3 ½-6"

COMPLETE WITH:
2 EACH EXTENDED RANGE TOOL MODULES
1 EACH HEAVY DUTY AIR MOTOR
STANDARD LOCATOR PAD SETS FOR FULL RANGE
TRIPPER ASSY,
OPERATING TOOL SET,
OPERATING MANUAL
CARRYING CASE- TOTAL WEIGHT WITH MACHINE 36 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

AIR CADDY- FILTER, REGULATOR, LUBRICATOR WITH 10 FEET OF ¼" HOSE AND FITTINGS (REQUIRED TO MAINTAIN THE WARRANTY ON THE AIR MOTOR).

FULL RANGE OF SEVERING & BEVELING TOOLS BITS (SPECIFY MATERIAL & PREP)

COUNTERBORE MODULE

The 606SB Clamshell is a split-frame, OD mounting pipe lathe for severing or severing and bevelling 3 1/2" through 6" in-line pipe or tube (4.0" to 6.625" OD). The lathe is available with two types of radial auto-feed tool module sets. The low profile tool block modules provide the lowest possible radial clearance and function over a 4.5" to 6.63" diameter range. Extended range tool modules are required for 3 1/2" pipe (4.0" dia.) or smaller tube. These extended range modules will also function on the 6" pipe size but require 1" of additional radial clearance.. The lathes accept 2 fixed locator pads and 2 adjustable clamping pads for automatic self centering or four each adjustable clamping pads to allow the operator to compensate for out-of-round pipe. The lathe is powered by a right angle pneumatic motor provided with a torque-accepting flange, which also allows optimum clearance positioning

PNEUMATIC SPLIT FRAME CLAMSHELL CUTTING/BEVELING MACHINE

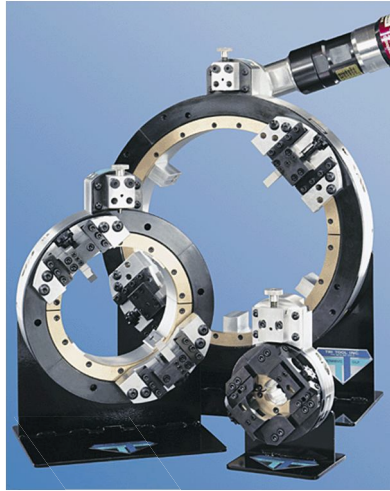
THE SPLIT-FRAME SB LATHES OFFER THE PRECISION AND POWER TO SEVER AND BEVEL A WIDE RANGE OF PIPE SIZES IN THE MOST DEMANDING APPLICATIONS.

SB (SLIDING BEARING) LATHES FEATURE ADJUSTABLE FULL-CONTACT BEARINGS FOR MAXIMUM STRENGTH, PROVIDING THE ULTIMATE SOLUTION FOR SIMULTANEOUS SEVERING AND BEVELING, DEEP COUNTERBORES, AND CLOSE TOLERANCE MACHINING. THE SIGNATURE SLIDING BRONZE BEARINGS PROVIDE MAXIMUM STABILITY FOR A SMOOTH FINISH, PRECISION MACHINING, AND LONG TOOL BIT LIFE, EVEN ON THE MOST DEMANDING MATERIALS. IN HARSH OR CONTAMINATED ENVIRONMENTS SUCH AS OFFSHORE OIL PLATFORMS OR NUCLEAR POWER PLANTS

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AIR REQUIREMENTS
55 CFM AT 90PSI (26 LT/SEC
AT 621 KPA)

TRI TOOL 608SB CLAMSHELL



Technical specifications

SEVERING & BEVELING RANGE: 5-8"

COMPLETE WITH:
2 EACH EXTENDED RANGE TOOL MODULES
1 EACH HEAVY DUTY AIR MOTOR
STANDARD LOCATOR PAD SETS FOR FULL RANGE
TRIPPER ASSY,
OPERATING TOOL SET,
OPERATING MANUAL
CARRYING CASE- TOTAL WEIGHT WITH MACHINE 39 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

AIR CADDY- FILTER, REGULATOR, LUBRICATOR WITH 10 FEET OF 3/4" HOSE AND FITTINGS (REQUIRED TO MAINTAIN THE WARRANTY ON THE AIR MOTOR).

FULL RANGE OF SEVERING & BEVELING TOOLS BITS (SPECIFY MATERIAL & PREP)

COUNTERBORE MODULE

The 608SB Clamshell is a split-frame, OD mounting pipe lathe for severing or severing and bevelling 5" through 8" in-line pipe or tube (5.56 to 8.63" OD). The lathe is available with two types of radial auto-feed tool module sets. The low profile tool block modules provide the lowest possible radial clearance and function over a 6.625" to 8.625" diameter range. Extended range tool modules are required for 5" pipe (5.563" dia.) or smaller tube. These extended range modules will also function on the 8" pipe size but require 1" of additional radial clearance. The lathes accept 2 fixed locator pads and 2 adjustable clamping pads for automatic self centering or four each adjustable clamping pads to allow the operator to compensate for out-of-round pipe. The lathe is powered by a right angle pneumatic motor provided with a torque-accepting flange, which also allows optimum clearance positioning

PNEUMATIC SPLIT FRAME CLAMSHELL CUTTING/BEVELING MACHINE

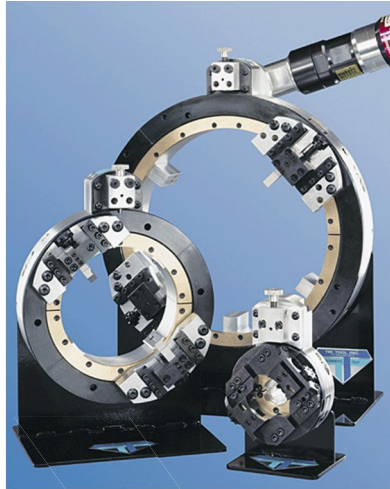
THE SPLIT-FRAME SB LATHES OFFER THE PRECISION AND POWER TO SEVER AND BEVEL A WIDE RANGE OF PIPE SIZES IN THE MOST DEMANDING APPLICATIONS.

SB (SLIDING BEARING) LATHES FEATURE ADJUSTABLE FULL-CONTACT BEARINGS FOR MAXIMUM STRENGTH, PROVIDING THE ULTIMATE SOLUTION FOR SIMULTANEOUS SEVERING AND BEVELING, DEEP COUNTERBORES, AND CLOSE TOLERANCE MACHINING. THE SIGNATURE SLIDING BRONZE BEARINGS PROVIDE MAXIMUM STABILITY FOR A SMOOTH FINISH, PRECISION MACHINING, AND LONG TOOL BIT LIFE, EVEN ON THE MOST DEMANDING MATERIALS. IN HARSH OR CONTAMINATED ENVIRONMENTS SUCH AS OFFSHORE OIL PLATFORMS OR NUCLEAR POWER PLANTS

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AIR REQUIREMENTS
75 CFM AT 90PSI (35 LT/SEC
AT 621 KPA)

TRI TOOL 610SB CLAMSHELL



Technical specifications

SEVERING & BEVELING RANGE: 8-10"

COMPLETE WITH:
2 EACH EXTENDED RANGE TOOL MODULES
1 EACH HEAVY DUTY AIR MOTOR
STANDARD LOCATOR PAD SETS FOR FULL RANGE
TRIPPER ASSY,
OPERATING TOOL SET,
OPERATING MANUAL
CARRYING CASE- TOTAL WEIGHT WITH MACHINE 46 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

AIR CADDY- FILTER, REGULATOR, LUBRICATOR WITH 10 FEET OF 3/4" HOSE AND FITTINGS (REQUIRED TO MAINTAIN THE WARRANTY ON THE AIR MOTOR).

FULL RANGE OF SEVERING & BEVELING TOOLS BITS (SPECIFY MATERIAL & PREP)

COUNTERBORE MODULE

The 610SB Clamshell is a split-frame, OD mounting pipe lathe for severing or severing and bevelling 8" through 10" in-line pipe or tube (8.625 to 10.75" OD). The lathe is available with two types of radial auto-feed tool module sets. The low profile tool block modules provide the lowest possible radial clearance and function over a 8.75" to 10.75" diameter range. Extended range tool modules are required for 8" pipe (8.625" dia.) or smaller tube. These extended range modules will also function on the 10" pipe size but require 1" of additional radial clearance. The lathes accept 2 fixed locator pads and 2 adjustable clamping pads for automatic self centering or four each adjustable clamping pads to allow the operator to compensate for out-of-round pipe. The lathe is powered by a right angle pneumatic motor provided with a torque-accepting flange, which also allows optimum clearance positioning

PNEUMATIC SPLIT FRAME CLAMSHELL CUTTING/BEVELING MACHINE

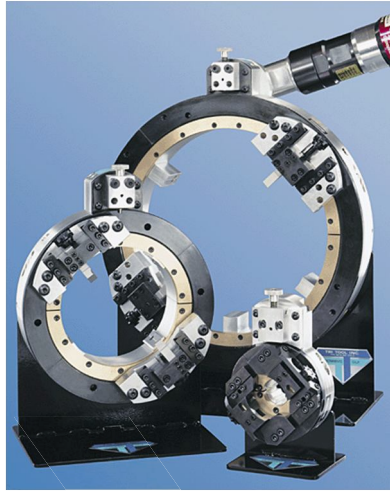
THE SPLIT-FRAME SB LATHES OFFER THE PRECISION AND POWER TO SEVER AND BEVEL A WIDE RANGE OF PIPE SIZES IN THE MOST DEMANDING APPLICATIONS.

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WHILE MOST OFTEN USED IN A PORTABLE ROLE, CLAMSHELLS ARE EXTREMELY EFFECTIVE IN FABRICATION SHOPS WHERE HIGH VOLUME, PRECISE SEVERS, BEVELS AND END PREPS ARE NEEDED.

AIR REQUIREMENTS
75 CFM AT 90PSI (35 LT/SEC
AT 621 KPA)

TRI TOOL 612SB CLAMSHELL



Technical specifications

SEVERING & BEVELING RANGE: 8-12"

COMPLETE WITH:
2 EACH EXTENDED RANGE TOOL MODULES
1 EACH HEAVY DUTY AIR MOTOR
STANDARD LOCATOR PAD SETS FOR FULL RANGE
TRIPPER ASSY,
OPERATING TOOL SET,
OPERATING MANUAL
CARRYING CASE- TOTAL WEIGHT WITH MACHINE 50 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

AIR CADDY- FILTER, REGULATOR, LUBRICATOR WITH 10 FEET OF 3/4" HOSE AND FITTINGS (REQUIRED TO MAINTAIN THE WARRANTY ON THE AIR MOTOR).

FULL RANGE OF SEVERING & BEVELING TOOLS BITS (SPECIFY MATERIAL & PREP)

COUNTERBORE MODULE

The 612SB Clamshell is a split-frame, OD mounting pipe lathe for severing or severing and beveling 10" through 12" in-line pipe or tube (10.75 to 12.75" OD). The lathe is available with two types of radial auto-feed tool module sets. The low profile tool block modules provide the lowest possible radial clearance and function over a 10.75" to 12.75" diameter range. Extended range tool modules are required for 10" pipe (10.75" dia.) or smaller tube. These extended range modules will also function on the 12" pipe size but require 1" of additional radial clearance. The lathes accept 2 fixed locator pads and 2 adjustable clamping pads for automatic self centering or four each adjustable clamping pads to allow the operator to compensate for out-of-round pipe. The lathe is powered by a right angle pneumatic motor provided with a torque-accepting flange, which also allows optimum clearance positioning

PNEUMATIC SPLIT FRAME CLAMSHELL CUTTING/BEVELING MACHINE

THE SPLIT-FRAME SB LATHES OFFER THE PRECISION AND POWER TO SEVER AND BEVEL A WIDE RANGE OF PIPE SIZES IN THE MOST DEMANDING APPLICATIONS.

SB (SLIDING BEARING) LATHES FEATURE ADJUSTABLE FULL-CONTACT BEARINGS FOR MAXIMUM STRENGTH, PROVIDING THE ULTIMATE SOLUTION FOR SIMULTANEOUS SEVERING AND BEVELING, DEEP COUNTERBORES, AND CLOSE TOLERANCE MACHINING. THE SIGNATURE SLIDING BRONZE BEARINGS PROVIDE MAXIMUM STABILITY FOR A SMOOTH FINISH, PRECISION MACHINING, AND LONG TOOL BIT LIFE, EVEN ON THE MOST DEMANDING MATERIALS. IN HARSH OR CONTAMINATED ENVIRONMENTS SUCH AS OFFSHORE OIL PLATFORMS OR NUCLEAR POWER PLANTS

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AIR REQUIREMENTS
75 CFM AT 90PSI (35 LT/SEC
AT 621 KPA)

TRI TOOL 616SB CLAMSHELL



Technical specifications

SEVERING & BEVELING RANGE: 12-16"

COMPLETE WITH:
2 EACH EXTENDED RANGE TOOL MODULES
2 EACH HEAVY DUTY AIR MOTOR
1 SET JACKSCREWS AND PADS FOR MOUNTING ON 12" THROUGH 16"
PIPE
TRIPPER ASSY,
MANIFOLD ASSY. DUAL AIR
OPERATING TOOL SET,
OPERATING MANUAL
METAL CASE- TOTAL WEIGHT WITH MACHINE 255 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

AIR CADDY- FILTER, REGULATOR, LUBRICATOR WITH 10 FEET OF 3/4" HOSE AND FITTINGS (REQUIRED TO MAINTAIN THE WARRANTY ON THE AIR MOTOR).

FULL RANGE OF SEVERING & BEVELING TOOLS BITS (SPECIFY MATERIAL & PREP)

CONTERBORE MODULE

The Model 616SB Pipe Lathes, for all schedules of 12" through 16" pipe, are split-frame lathes for severing, severing and single beveling, or severing and double beveling in-line pipe. The lathes are equipped with two heavy-duty tool bit module blocks to hold various tool bit combinations. The tool modules have integral mechanical auto-feed lead screws driven by a manually activated tripper pin. Power is provided by two pneumatic motors manifolded together to a single control valve for speed control. Mounting and concentricity adjustments are provided with four individually adjusted mounting pads in the main frame with six auxiliary mounting jackscrews.

PNEUMATIC SPLIT FRAME CLAMSHELL CUTTING/BEVELING MACHINE

THE SPLIT-FRAME SB LATHES OFFER THE PRECISION AND POWER TO SEVER AND BEVEL A WIDE RANGE OF PIPE SIZES IN THE MOST DEMANDING APPLICATIONS.

SB (SLIDING BEARING) LATHES FEATURE ADJUSTABLE FULL-CONTACT BEARINGS FOR MAXIMUM STRENGTH, PROVIDING THE ULTIMATE SOLUTION FOR SIMULTANEOUS SEVERING AND BEVELING, DEEP COUNTERBORES, AND CLOSE TOLERANCE MACHINING. THE SIGNATURE SLIDING BRONZE BEARINGS PROVIDE MAXIMUM STABILITY FOR A SMOOTH FINISH, PRECISION MACHINING, AND LONG TOOL BIT LIFE, EVEN ON THE MOST DEMANDING MATERIALS. IN HARSH OR CONTAMINATED ENVIRONMENTS SUCH AS OFFSHORE OIL PLATFORMS OR NUCLEAR POWER PLANTS

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AIR REQUIREMENTS
150 CFM AT 90 PSI (71 L/S
AT 6.3 KG/CM2

TRI TOOL 620SB CLAMSHELL



Technical specifications

SEVERING & BEVELING RANGE: 16-20"

COMPLETE WITH:
2 EACH EXTENDED RANGE TOOL MODULES
2 EACH HEAVY DUTY AIR MOTOR
1 SET JACKSCREWS AND PADS FOR MOUNTING ON 16" THROUGH 20"
PIPE
TRIPPER ASSY,
MANIFOLD ASSY. DUAL AIR
OPERATING TOOL SET,
OPERATING MANUAL
METAL CASE- TOTAL WEIGHT WITH MACHINE 360 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

AIR CADDY- FILTER, REGULATOR, LUBRICATOR WITH 10 FEET OF 3/4" HOSE AND FITTINGS (REQUIRED TO MAINTAIN THE WARRANTY ON THE AIR MOTOR).

FULL RANGE OF SEVERING & BEVELING TOOLS BITS (SPECIFY MATERIAL & PREP)

CONTERBORE MODULE

The Model 620SB Pipe Lathes, for all schedules of 16" through 20" pipe, are split-frame lathes for severing, severing and single bevelling, or severing and double bevelling in-line pipe. The lathes are equipped with two heavy-duty tool bit module blocks to hold various tool bit combinations. The modules have integral mechanical auto-feed lead screws driven by a manually activated tripper pin. Power is provided by two pneumatic motors manifolded together to a single control valve for speed control. Mounting and concentricity adjustments are provided with four individually adjusted mounting pads in the main frame with six auxiliary mounting jackscrews.

PNEUMATIC SPLIT FRAME CLAMSHELL CUTTING/BEVELING MACHINE

THE SPLIT-FRAME SB LATHES OFFER THE PRECISION AND POWER TO SEVER AND BEVEL A WIDE RANGE OF PIPE SIZES IN THE MOST DEMANDING APPLICATIONS.

SB (SLIDING BEARING) LATHES FEATURE ADJUSTABLE FULL-CONTACT BEARINGS FOR MAXIMUM STRENGTH, PROVIDING THE ULTIMATE SOLUTION FOR SIMULTANEOUS SEVERING AND BEVELING, DEEP COUNTERBORES, AND CLOSE TOLERANCE MACHINING. THE SIGNATURE SLIDING BRONZE BEARINGS PROVIDE MAXIMUM STABILITY FOR A SMOOTH FINISH, PRECISION MACHINING, AND LONG TOOL BIT LIFE, EVEN ON THE MOST DEMANDING MATERIALS. IN HARSH OR CONTAMINATED ENVIRONMENTS SUCH AS OFFSHORE OIL PLATFORMS OR NUCLEAR POWER PLANTS

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AIR REQUIREMENTS
150 CFM AT 90 PSI (71 L/S
AT 6.3 KG/CM²)

TRI TOOL 624SB CLAMSHELL



Technical specifications

SEVERING & BEVELING RANGE: 20-24"

COMPLETE WITH:
2 EACH EXTENDED RANGE TOOL MODULES
2 EACH HEAVY DUTY AIR MOTOR
1 SET JACKSCREWS AND PADS FOR MOUNTING ON 20" THROUGH 24"
PIPE
TRIPPER ASSY,
MANIFOLD ASSY. DUAL AIR
OPERATING TOOL SET,
OPERATING MANUAL
METAL CASE- TOTAL WEIGHT WITH MACHINE 390 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

AIR CADDY- FILTER, REGULATOR, LUBRICATOR WITH 10 FEET OF 3/4" HOSE AND FITTINGS (REQUIRED TO MAINTAIN THE WARRANTY ON THE AIR MOTOR).

FULL RANGE OF SEVERING & BEVELING TOOLS BITS (SPECIFY MATERIAL & PREP)

CONTERBORE MODULE

The Model 624SB Pipe Lathes, for all schedules of 20" through 24" pipe, are split-frame lathes for severing, severing and single bevelling, or severing and double bevelling in-line pipe. The lathes are equipped with two heavy-duty tool bit module blocks to hold various tool bit combinations. The modules have integral mechanical auto-feed lead screws driven by a manually activated tripper pin. Power is provided by two pneumatic motors manifolded together to a single control valve for speed control. Mounting and concentricity adjustments are provided with four individually adjusted mounting pads in the main frame with six auxiliary mounting jackscrews.

PNEUMATIC SPLIT FRAME CLAMSHELL CUTTING/BEVELING MACHINE

THE SPLIT-FRAME SB LATHES OFFER THE PRECISION AND POWER TO SEVER AND BEVEL A WIDE RANGE OF PIPE SIZES IN THE MOST DEMANDING APPLICATIONS.

SB (SLIDING BEARING) LATHES FEATURE ADJUSTABLE FULL-CONTACT BEARINGS FOR MAXIMUM STRENGTH, PROVIDING THE ULTIMATE SOLUTION FOR SIMULTANEOUS SEVERING AND BEVELING, DEEP COUNTERBORES, AND CLOSE TOLERANCE MACHINING. THE SIGNATURE SLIDING BRONZE BEARINGS PROVIDE MAXIMUM STABILITY FOR A SMOOTH FINISH, PRECISION MACHINING, AND LONG TOOL BIT LIFE, EVEN ON THE MOST DEMANDING MATERIALS. IN HARSH OR CONTAMINATED ENVIRONMENTS SUCH AS OFFSHORE OIL PLATFORMS OR NUCLEAR POWER PLANTS

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AIR REQUIREMENTS
150 CFM AT 90 PSI (71 L/S
AT 6.3 KG/CM2

TRI TOOL 630SB CLAMSHELL



Technical specifications

SEVERING & BEVELING RANGE: 26-30"

COMPLETE WITH:
2 EACH EXTENDED RANGE TOOL MODULES
2 EACH HEAVY DUTY AIR MOTOR
1 SET JACKSCREWS AND PADS FOR MOUNTING ON 26" THROUGH 30"
PIPE
TRIPPER ASSY,
MANIFOLD ASSY. DUAL AIR
OPERATING TOOL SET,
OPERATING MANUAL
METAL CASE- TOTAL WEIGHT WITH MACHINE 428 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

AIR CADDY- FILTER, REGULATOR, LUBRICATOR WITH 10 FEET OF 3/4" HOSE AND FITTINGS (REQUIRED TO MAINTAIN THE WARRANTY ON THE AIR MOTOR).

FULL RANGE OF SEVERING & BEVELING TOOLS BITS (SPECIFY MATERIAL & PREP)

CONTERBORE MODULE

The Model 630SB Pipe Lathes, for all schedules of 26" through 30" pipe, are split-frame lathes for severing, severing and single bevelling, or severing and double bevelling in-line pipe. The lathes are equipped with two heavy-duty tool bit module blocks to hold various tool bit combinations. The modules have integral mechanical auto-feed lead screws driven by a manually activated tripper pin. Power is provided by two pneumatic motors manifolded together to a single control valve for speed control. Mounting and concentricity adjustments are provided with four individually adjusted mounting pads in the main frame with six auxiliary mounting jackscrews.

PNEUMATIC SPLIT FRAME CLAMSHELL CUTTING/BEVELING MACHINE

THE SPLIT-FRAME SB LATHES OFFER THE PRECISION AND POWER TO SEVER AND BEVEL A WIDE RANGE OF PIPE SIZES IN THE MOST DEMANDING APPLICATIONS.

SB (SLIDING BEARING) LATHES FEATURE ADJUSTABLE FULL-CONTACT BEARINGS FOR MAXIMUM STRENGTH, PROVIDING THE ULTIMATE SOLUTION FOR SIMULTANEOUS SEVERING AND BEVELING, DEEP COUNTERBORES, AND CLOSE TOLERANCE MACHINING. THE SIGNATURE SLIDING BRONZE BEARINGS PROVIDE MAXIMUM STABILITY FOR A SMOOTH FINISH, PRECISION MACHINING, AND LONG TOOL BIT LIFE, EVEN ON THE MOST DEMANDING MATERIALS. IN HARSH OR CONTAMINATED ENVIRONMENTS SUCH AS OFFSHORE OIL PLATFORMS OR NUCLEAR POWER PLANTS

WHILE MOST OFTEN USED IN A PORTABLE ROLE, CLAMSHELLS ARE EXTREMELY EFFECTIVE IN FABRICATION SHOPS WHERE HIGH VOLUME, PRECISE SEVERS, BEVELS AND END PREPS ARE NEEDED.

AIR REQUIREMENTS
150 CFM AT 90 PSI (71 L/S
AT 6.3 KG/CM²)

TRI TOOL 636SB CLAMSHELL



Technical specifications

SEVERING & BEVELING RANGE: 32-36"

COMPLETE WITH:
2 EACH EXTENDED RANGE TOOL MODULES
2 EACH HEAVY DUTY AIR MOTOR
1 SET JACKSCREWS AND PADS FOR MOUNTING ON 32" THROUGH 36"
PIPE
TRIPPER ASSY,
MANIFOLD ASSY. DUAL AIR
OPERATING TOOL SET,
OPERATING MANUAL
METAL CASE- TOTAL WEIGHT WITH MACHINE 500 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

AIR CADDY- FILTER, REGULATOR, LUBRICATOR WITH 10 FEET OF 3/4" HOSE AND FITTINGS (REQUIRED TO MAINTAIN THE WARRANTY ON THE AIR MOTOR).

FULL RANGE OF SEVERING & BEVELING TOOLS BITS (SPECIFY MATERIAL & PREP)

CONTERBORE MODULE

The Model 636SB Pipe Lathes, for all schedules of 32" through 36" pipe, are split-frame lathes for severing, severing and single bevelling, or severing and double bevelling in-line pipe. The lathes are equipped with two heavy-duty tool bit module blocks to hold various tool bit combinations. The modules have integral mechanical auto-feed lead screws driven by a manually activated tripper pin. Power is provided by two pneumatic motors manifolded together to a single control valve for speed control. Mounting and concentricity adjustments are provided with four individually adjusted mounting pads in the main frame with six auxiliary mounting jackscrews.

PNEUMATIC SPLIT FRAME CLAMSHELL CUTTING/BEVELING MACHINE

THE SPLIT-FRAME SB LATHES OFFER THE PRECISION AND POWER TO SEVER AND BEVEL A WIDE RANGE OF PIPE SIZES IN THE MOST DEMANDING APPLICATIONS.

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AIR REQUIREMENTS
150 CFM AT 90 PSI (71 L/S
AT 6.3 KG/CM2

TRI TOOL 642SB CLAMSHELL



Technical specifications

SEVERING & BEVELING RANGE: 38-42"

COMPLETE WITH:
2 EACH EXTENDED RANGE TOOL MODULES
2 EACH HEAVY DUTY AIR MOTOR
1 SET JACKSCREWS AND PADS FOR MOUNTING ON 38" THROUGH 42"
PIPE
TRIPPER ASSY,
MANIFOLD ASSY. DUAL AIR
OPERATING TOOL SET,
OPERATING MANUAL
METAL CASE- TOTAL WEIGHT WITH MACHINE 560 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

AIR CADDY- FILTER, REGULATOR, LUBRICATOR WITH 10 FEET OF 3/4" HOSE AND FITTINGS (REQUIRED TO MAINTAIN THE WARRANTY ON THE AIR MOTOR).

FULL RANGE OF SEVERING & BEVELING TOOLS BITS (SPECIFY MATERIAL & PREP)

CONTERBORE MODULE

The Model 642SB Pipe Lathes, for all schedules of 38" through 42" pipe, are split-frame lathes for severing, severing and single beveling, or severing and double beveling in-line pipe. The lathes are equipped with two heavy-duty tool bit module blocks to hold various tool bit combinations. The modules have integral mechanical auto-feed lead screws driven by a manually activated tripper pin. Power is provided by two pneumatic motors manifolded together to a single control valve for speed control. Mounting and concentricity adjustments are provided with four individually adjusted mounting pads in the main frame with six auxiliary mounting jackscrews.

PNEUMATIC SPLIT FRAME CLAMSHELL CUTTING/BEVELING MACHINE

THE SPLIT-FRAME SB LATHES OFFER THE PRECISION AND POWER TO SEVER AND BEVEL A WIDE RANGE OF PIPE SIZES IN THE MOST DEMANDING APPLICATIONS.

SB (SLIDING BEARING) LATHES FEATURE ADJUSTABLE FULL-CONTACT BEARINGS FOR MAXIMUM STRENGTH, PROVIDING THE ULTIMATE SOLUTION FOR SIMULTANEOUS SEVERING AND BEVELING, DEEP COUNTERBORES, AND CLOSE TOLERANCE MACHINING. THE SIGNATURE SLIDING BRONZE BEARINGS PROVIDE MAXIMUM STABILITY FOR A SMOOTH FINISH, PRECISION MACHINING, AND LONG TOOL BIT LIFE, EVEN ON THE MOST DEMANDING MATERIALS. IN HARSH OR CONTAMINATED ENVIRONMENTS SUCH AS OFFSHORE OIL PLATFORMS OR NUCLEAR POWER PLANTS

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AIR REQUIREMENTS
150 CFM AT 90 PSI (71 L/S
AT 6.3 KG/CM²)

TRI TOOL 648SB CLAMSHELL



Technical specifications

SEVERING & BEVELING RANGE: 44-48"

COMPLETE WITH:
2 EACH EXTENDED RANGE TOOL MODULES
2 EACH HEAVY DUTY AIR MOTOR
1 SET JACKSCREWS AND PADS FOR MOUNTING ON 44" THROUGH 48"
PIPE
TRIPPER ASSY,
MANIFOLD ASSY. DUAL AIR
OPERATING TOOL SET,
OPERATING MANUAL
METAL CASE- TOTAL WEIGHT WITH MACHINE 640 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

AIR CADDY- FILTER, REGULATOR, LUBRICATOR WITH 10 FEET OF 3/4" HOSE AND FITTINGS (REQUIRED TO MAINTAIN THE WARRANTY ON THE AIR MOTOR).

FULL RANGE OF SEVERING & BEVELING TOOLS BITS (SPECIFY MATERIAL & PREP)

CONTERBORE MODULE

The Model 648SB Pipe Lathes, for all schedules of 44" through 48" pipe, are split-frame lathes for severing, severing and single bevelling, or severing and double bevelling in-line pipe. The lathes are equipped with two heavy-duty tool bit module blocks to hold various tool bit combinations. The modules have integral mechanical auto-feed lead screws driven by a manually activated tripper pin. Power is provided by two pneumatic motors manifolded together to a single control valve for speed control. Mounting and concentricity adjustments are provided with four individually adjusted mounting pads in the main frame with six auxiliary mounting jackscrews.

PNEUMATIC SPLIT FRAME CLAMSHELL CUTTING/BEVELING MACHINE

THE SPLIT-FRAME SB LATHES OFFER THE PRECISION AND POWER TO SEVER AND BEVEL A WIDE RANGE OF PIPE SIZES IN THE MOST DEMANDING APPLICATIONS.

SB (SLIDING BEARING) LATHES FEATURE ADJUSTABLE FULL-CONTACT BEARINGS FOR MAXIMUM STRENGTH, PROVIDING THE ULTIMATE SOLUTION FOR SIMULTANEOUS SEVERING AND BEVELING, DEEP COUNTERBORES, AND CLOSE TOLERANCE MACHINING. THE SIGNATURE SLIDING BRONZE BEARINGS PROVIDE MAXIMUM STABILITY FOR A SMOOTH FINISH, PRECISION MACHINING, AND LONG TOOL BIT LIFE, EVEN ON THE MOST DEMANDING MATERIALS. IN HARSH OR CONTAMINATED ENVIRONMENTS SUCH AS OFFSHORE OIL PLATFORMS OR NUCLEAR POWER PLANTS

WHILE MOST OFTEN USED IN A PORTABLE ROLE, CLAMSHELLS ARE EXTREMELY EFFECTIVE IN FABRICATION SHOPS WHERE HIGH VOLUME, PRECISE SEVERS, BEVELS AND END PREPS ARE NEEDED.

AIR REQUIREMENTS
150 CFM AT 90 PSI (71 L/S
AT 6.3 KG/CM2

TRI TOOL 660SB CLAMSHELL



Technical specifications

SEVERING & BEVELING RANGE: 54-60"

COMPLETE WITH:
2 EACH EXTENDED RANGE TOOL MODULES
2 EACH HEAVY DUTY AIR MOTOR
1 SET JACKSCREWS AND PADS FOR MOUNTING ON 54" THROUGH 60"
PIPE
TRIPPER ASSY,
MANIFOLD ASSY. DUAL AIR
OPERATING TOOL SET,
OPERATING MANUAL
METAL CASE- TOTAL WEIGHT WITH MACHINE 740 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

AIR CADDY- FILTER, REGULATOR, LUBRICATOR WITH 10 FEET OF 3/4" HOSE AND FITTINGS (REQUIRED TO MAINTAIN THE WARRANTY ON THE AIR MOTOR).

FULL RANGE OF SEVERING & BEVELING TOOLS BITS (SPECIFY MATERIAL & PREP)

CONTERBORE MODULE

The Model 660SB Pipe Lathes, for all schedules of 54" through 60" pipe, are split-frame lathes for severing, severing and single bevelling, or severing and double bevelling in-line pipe. The lathes are equipped with two heavy-duty tool bit module blocks to hold various tool bit combinations. The modules have integral mechanical auto-feed lead screws driven by a manually activated tripper pin. Power is provided by two pneumatic motors manifolded together to a single control valve for speed control. Mounting and concentricity adjustments are provided with four individually adjusted mounting pads in the main frame with six auxiliary mounting jackscrews.

PNEUMATIC SPLIT FRAME CLAMSHELL CUTTING/BEVELING MACHINE

THE SPLIT-FRAME SB LATHES OFFER THE PRECISION AND POWER TO SEVER AND BEVEL A WIDE RANGE OF PIPE SIZES IN THE MOST DEMANDING APPLICATIONS.

SB (SLIDING BEARING) LATHES FEATURE ADJUSTABLE FULL-CONTACT BEARINGS FOR MAXIMUM STRENGTH, PROVIDING THE ULTIMATE SOLUTION FOR SIMULTANEOUS SEVERING AND BEVELING, DEEP COUNTERBORES, AND CLOSE TOLERANCE MACHINING. THE SIGNATURE SLIDING BRONZE BEARINGS PROVIDE MAXIMUM STABILITY FOR A SMOOTH FINISH, PRECISION MACHINING, AND LONG TOOL BIT LIFE, EVEN ON THE MOST DEMANDING MATERIALS. IN HARSH OR CONTAMINATED ENVIRONMENTS SUCH AS OFFSHORE OIL PLATFORMS OR NUCLEAR POWER PLANTS

WHILE MOST OFTEN USED IN A PORTABLE ROLE, CLAMSHELLS ARE EXTREMELY EFFECTIVE IN FABRICATION SHOPS WHERE HIGH VOLUME, PRECISE SEVERS, BEVELS AND END PREPS ARE NEEDED.

AIR REQUIREMENTS
150 CFM AT 90 PSI (71 L/S
AT 6.3 KG/CM2

TRI TOOL 672SB CLAMSHELL



Technical specifications

SEVERING & BEVELING RANGE: 66-72"

COMPLETE WITH:
2 EACH EXTENDED RANGE TOOL MODULES
2 EACH HEAVY DUTY AIR MOTOR
1 SET JACKSCREWS AND PADS FOR MOUNTING ON 66" THROUGH 72"
PIPE
TRIPPER ASSY,
MANIFOLD ASSY. DUAL AIR
OPERATING TOOL SET,
OPERATING MANUAL
METAL CASE- TOTAL WEIGHT WITH MACHINE 900 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

AIR CADDY- FILTER, REGULATOR, LUBRICATOR WITH 10 FEET OF 3/4" HOSE AND FITTINGS (REQUIRED TO MAINTAIN THE WARRANTY ON THE AIR MOTOR).

FULL RANGE OF SEVERING & BEVELING TOOLS BITS (SPECIFY MATERIAL & PREP)

COUNTERBORE MODULE

The Model 672SB Pipe Lathes, for all schedules of 66" through 72" pipe, are split-frame lathes for severing, severing and single bevelling, or severing and double bevelling in-line pipe. The lathes are equipped with two heavy-duty tool bit module blocks to hold various tool bit combinations. The modules have integral mechanical auto-feed lead screws driven by a manually activated tripper pin. Power is provided by two pneumatic motors manifolded together to a single control valve for speed control. Mounting and concentricity adjustments are provided with four individually adjusted mounting pads in the main frame with six auxiliary mounting jackscrews.

PNEUMATIC SPLIT FRAME CLAMSHELL CUTTING/BEVELING MACHINE

THE SPLIT-FRAME SB LATHES OFFER THE PRECISION AND POWER TO SEVER AND BEVEL A WIDE RANGE OF PIPE SIZES IN THE MOST DEMANDING APPLICATIONS.

SB (SLIDING BEARING) LATHES FEATURE ADJUSTABLE FULL-CONTACT BEARINGS FOR MAXIMUM STRENGTH, PROVIDING THE ULTIMATE SOLUTION FOR SIMULTANEOUS SEVERING AND BEVELING, DEEP COUNTERBORES, AND CLOSE TOLERANCE MACHINING. THE SIGNATURE SLIDING BRONZE BEARINGS PROVIDE MAXIMUM STABILITY FOR A SMOOTH FINISH, PRECISION MACHINING, AND LONG TOOL BIT LIFE, EVEN ON THE MOST DEMANDING MATERIALS. IN HARSH OR CONTAMINATED ENVIRONMENTS SUCH AS OFFSHORE OIL PLATFORMS OR NUCLEAR POWER PLANTS

WHILE MOST OFTEN USED IN A PORTABLE ROLE, CLAMSHELLS ARE EXTREMELY EFFECTIVE IN FABRICATION SHOPS WHERE HIGH VOLUME, PRECISE SEVERS, BEVELS AND END PREPS ARE NEEDED.

AIR REQUIREMENTS
150 CFM AT 90 PSI (71 L/S
AT 6.3 KG/CM²)

QUICK-FIT CLAMPS 1 ½-12 "



MATHEY DEARMAN QUICKFIT PIPE CLAMPS

The Mathey Dearman Quik-Fit Clamp offers the simplest method of achieving quick, easy and precise fit ups. The Quik-Fit is a compact tack-type clamp that is easy to use in close quarters. Quik-Fit is available in 3 sizes to cover a range of 1"-12" (25-305mm) pipe, and can be used on either carbon or stainless steel without adding special shoes or screws. The Clamp aligns pipe to pipe or pipe to fitting, and is ideal for alignment applications where reforming is not needed

Technical specifications

PIPE ALIGNMENT CLAMPS

PIPE SIZE RANGE IN (MM): 1 ½ "-12"

Model	Pipe Clamping Range	Weight Kg
QFC-12	1" – 2" / 25 - 64	1.8
QFC-26	2" – 6" / 50-150	4.8
QFC-512	5" – 12" / 127 – 305	8.3

FEATURES:

- **RUGGED:** Built for years of reliable service
- **LIGHTWEIGHT:** Easy to use in overhead work
- **VERSATILE:** 3 Clamps cover 1"-12" (25-305mm) pipe
- **FAST:** Smooth, quick action for rapid fit-ups

ADJUSTABLE PIPE STAND- 1125 KG



MATHEY DEARMAN FOLDING PIPE STAND

MATHEY DEARMAN'S STURDI-JACK™ II FOLDING PIPE STAND FEATURES A HEAVY-DUTY FRAME WITH A CONVENIENT HANDLE FOR EASIER TRANSPORTATION BETWEEN JOB SITES. ITS SMOOTH FOLDING ACTION MEANS QUICK SETUP AND TEAR DOWN AND EASIER STORAGE WHEN NOT IN USE. THREE DIFFERENT HEAD OPTIONS ALLOW THE STURDI-JACK™ II TO PERFORM WELL IN A WIDE RANGE OF APPLICATIONS FOR PIPE 2" - 16" OD..

Technical specifications

PIPE STANDS

PIPE SIZE RANGE IN (MM): 2"-16"
CAPACITY: 1125 KG/2500 LBS
MIN HEIGHT 74 CM – MAX HEIGHT 122 CM

FEATURES:

- HIGH VISIBILITY NEON GREEN FOR SAFETY
- FOLDING PIPE STAND
- 2" - 16" CAPACITY - 2,500 LBS.
- HEIGHT RANGE 29" (74 CM) MINIMUM AND A MAXIMUM OF 50" (127 CM)

SHIPPING WEIGHT 11.3 KG

MATHEY DEARMAN D251-1036



Technical specifications

ALIGN & REFORM PIPE

MODEL: D251-1036

PIPE SIZE RANGE IN (MM): 10-36 (254-914)

MODELS- D251-1036 CARBON STEEL & D251-1036SS STAINLESS STEEL

INCLUDES-

2) NICKEL PLATED OR STAINLESS STEEL HIGH-STRENGTH LEAF CHAINS
EXTRA HEAVY-DUTY STAINLESS STEEL JACK BARS-QUANTITY AS LISTED IN SPECIFICATIONS
DOUBLE CHAIN MAIN BLOCK WITH (2) FINE ADJUSTMENTS
LEVEL AND SUPPORT DEVICE
JACKSCREW WRENCH
PARTS AND OPERATING MANUAL

SHIPPING WEIGHT 100 KG

MATHEY DEARMAN DOUBLE CHAIN CLAMP

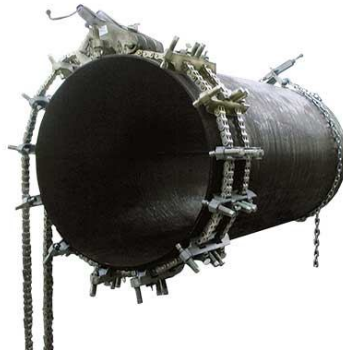
THE MATHEY DEARMAN DOUBLE CHAIN CLAMP IS A HEAVY-DUTY VESSEL CLAMP DESIGNED FOR ALIGNMENT AND REFORMING OF PIPES AND VESSELS UP TO 20' (6 M) IN DIAMETER WITH SCHEDULE 80 WALL THICKNESS. OUR DOUBLE CHAIN CLAMPS ALSO ALIGN SCHEDULE 80 PIPE AND HEAVIER WHEN NO REFORMING IS REQUIRED. THE EXTRA HEAVY-DUTY JACKBARS AND MAIN BLOCK PROVIDE THE BRUTE STRENGTH NECESSARY TO ACCOMPLISH EVEN THE TOUGHEST REFORMING JOBS. MODELS 10" TO 36" THROUGH 10" TO 54" COME WITH A LEVEL AND SUPPORT DEVICE. ALL OTHER MODELS COME WITH A CABLE HOIST. THE DOUBLE CHAIN CLAMP IS AVAILABLE IN STEEL AND STAINLESS STEEL VERSIONS

FEATURES:

- PRECISE | NUMEROUS JACKBARS PROVIDE CLAMPING PRESSURE EXACTLY WHERE NEEDED FOR PERFECT ALIGNMENT
- TOUGH | REFORMS AND ALIGNS PIPE WITH SCHEDULE 80 WALL THICKNESS
- ADAPTABLE | FITS EXTREMELY LARGE RANGE OF PIPE DIAMETERS
- CONFORMING | JACKBAR PADS PIVOT INDEPENDENTLY TO HANDLE UNEVEN PIPE AND FITTING SURFACES
- JOINTS ON LARGE PIPE OR TUBE SHELLS UP TO 20' (6096 MM) IN DIAMETER CAN BE ALIGNED, REFORMED AND WELDED WITHOUT REMOVING THE CLAMP, SAVING TIME AND IMPROVING WELD QUALITY.

WARNING:
DOUBLE CHAIN CLAMPS SHOULD NEVER BE USED AS THE SOLE SUPPORT FOR THE PIPE OR TO LIFT THE PIPE. DO NOT EXCEED PIPE SIZE RANGE LISTED OR USE ANY TYPE OF CHAIN OTHER THAN SUPPLIED WITHOUT FIRST CONTACTING THE MATHEY DEARMAN SALES DEPARTMENT.

MATHEY DEARMAN D251-1048



Technical specifications

ALIGN & REFORM PIPE

MODEL: D251-1048

PIPE SIZE RANGE IN (MM): 10-48 (254-1219)

MODELS- D251-1048 CARBON STEEL & D251-1048SS STAINLESS STEEL

INCLUDES-

2) NICKEL PLATED OR STAINLESS STEEL HIGH-STRENGTH LEAF CHAINS
EXTRA HEAVY-DUTY STAINLESS STEEL JACK BARS-QUANTITY AS LISTED IN SPECIFICATIONS
DOUBLE CHAIN MAIN BLOCK WITH (2) FINE ADJUSTMENTS
LEVEL AND SUPPORT DEVICE
JACKSCREW WRENCH
PARTS AND OPERATING MANUAL

SHIPPING WEIGHT 100 KG

MATHEY DEARMAN DOUBLE CHAIN CLAMP

THE MATHEY DEARMAN DOUBLE CHAIN CLAMP IS A HEAVY-DUTY VESSEL CLAMP DESIGNED FOR ALIGNMENT AND REFORMING OF PIPES AND VESSELS UP TO 20' (6 M) IN DIAMETER WITH SCHEDULE 80 WALL THICKNESS. OUR DOUBLE CHAIN CLAMPS ALSO ALIGN SCHEDULE 80 PIPE AND HEAVIER WHEN NO REFORMING IS REQUIRED. THE EXTRA HEAVY-DUTY JACKBARS AND MAIN BLOCK PROVIDE THE BRUTE STRENGTH NECESSARY TO ACCOMPLISH EVEN THE TOUGHEST REFORMING JOBS. MODELS 10" TO 36" THROUGH 10" TO 54" COME WITH A LEVEL AND SUPPORT DEVICE. ALL OTHER MODELS COME WITH A CABLE HOIST. THE DOUBLE CHAIN CLAMP IS AVAILABLE IN STEEL AND STAINLESS STEEL VERSIONS

FEATURES:

- PRECISE | NUMEROUS JACKBARS PROVIDE CLAMPING PRESSURE EXACTLY WHERE NEEDED FOR PERFECT ALIGNMENT
- TOUGH | REFORMS AND ALIGNS PIPE WITH SCHEDULE 80 WALL THICKNESS
- ADAPTABLE | FITS EXTREMELY LARGE RANGE OF PIPE DIAMETERS
- CONFORMING | JACKBAR PADS PIVOT INDEPENDENTLY TO HANDLE UNEVEN PIPE AND FITTING SURFACES
- JOINTS ON LARGE PIPE OR TUBE SHELLS UP TO 20' (6096 MM) IN DIAMETER CAN BE ALIGNED, REFORMED AND WELDED WITHOUT REMOVING THE CLAMP, SAVING TIME AND IMPROVING WELD QUALITY.

WARNING:
DOUBLE CHAIN CLAMPS SHOULD NEVER BE USED AS THE SOLE SUPPORT FOR THE PIPE OR TO LIFT THE PIPE. DO NOT EXCEED PIPE SIZE RANGE LISTED OR USE ANY TYPE OF CHAIN OTHER THAN SUPPLIED WITHOUT FIRST CONTACTING THE MATHEY DEARMAN SALES DEPARTMENT.

MATHEY DEARMAN D251-1054



Technical specifications

ALIGN & REFORM PIPE

MODEL: D251-1054

PIPE SIZE RANGE IN (MM): 10-54 (254-1372)

MODELS- D251-1054 CARBON STEEL & D251-1054SS STAINLESS STEEL

INCLUDES-

2) NICKEL PLATED OR STAINLESS STEEL HIGH-STRENGTH LEAF CHAINS
EXTRA HEAVY-DUTY STAINLESS STEEL JACK BARS-QUANTITY AS LISTED IN SPECIFICATIONS
DOUBLE CHAIN MAIN BLOCK WITH (2) FINE ADJUSTMENTS
LEVEL AND SUPPORT DEVICE
JACKSCREW WRENCH
PARTS AND OPERATING MANUAL

SHIPPING WEIGHT 100 KG

MATHEY DEARMAN DOUBLE CHAIN CLAMP

THE MATHEY DEARMAN DOUBLE CHAIN CLAMP IS A HEAVY-DUTY VESSEL CLAMP DESIGNED FOR ALIGNMENT AND REFORMING OF PIPES AND VESSELS UP TO 20' (6 M) IN DIAMETER WITH SCHEDULE 80 WALL THICKNESS. OUR DOUBLE CHAIN CLAMPS ALSO ALIGN SCHEDULE 80 PIPE AND HEAVIER WHEN NO REFORMING IS REQUIRED. THE EXTRA HEAVY-DUTY JACKBARS AND MAIN BLOCK PROVIDE THE BRUTE STRENGTH NECESSARY TO ACCOMPLISH EVEN THE TOUGHEST REFORMING JOBS. MODELS 10" TO 36" THROUGH 10" TO 54" COME WITH A LEVEL AND SUPPORT DEVICE. ALL OTHER MODELS COME WITH A CABLE HOIST. THE DOUBLE CHAIN CLAMP IS AVAILABLE IN STEEL AND STAINLESS STEEL VERSIONS

FEATURES:

- PRECISE | NUMEROUS JACKBARS PROVIDE CLAMPING PRESSURE EXACTLY WHERE NEEDED FOR PERFECT ALIGNMENT
- TOUGH | REFORMS AND ALIGNS PIPE WITH SCHEDULE 80 WALL THICKNESS
- ADAPTABLE | FITS EXTREMELY LARGE RANGE OF PIPE DIAMETERS
- CONFORMING | JACKBAR PADS PIVOT INDEPENDENTLY TO HANDLE UNEVEN PIPE AND FITTING SURFACES
- JOINTS ON LARGE PIPE OR TUBE SHELLS UP TO 20' (6096 MM) IN DIAMETER CAN BE ALIGNED, REFORMED AND WELDED WITHOUT REMOVING THE CLAMP, SAVING TIME AND IMPROVING WELD QUALITY.

WARNING:
DOUBLE CHAIN CLAMPS SHOULD NEVER BE USED AS THE SOLE SUPPORT FOR THE PIPE OR TO LIFT THE PIPE. DO NOT EXCEED PIPE SIZE RANGE LISTED OR USE ANY TYPE OF CHAIN OTHER THAN SUPPLIED WITHOUT FIRST CONTACTING THE MATHEY DEARMAN SALES DEPARTMENT.

MATHEY DEARMAN D251-1060



Technical specifications

ALIGN & REFORM PIPE

MODEL: D251-1060

PIPE SIZE RANGE IN (MM): 10-60 (254-1524)

MODELS- D251-1060 CARBON STEEL & D251-1060SS STAINLESS STEEL

INCLUDES-

2) NICKEL PLATED OR STAINLESS STEEL HIGH-STRENGTH LEAF CHAINS
EXTRA HEAVY-DUTY STAINLESS STEEL JACK BARS-QUANTITY AS LISTED IN SPECIFICATIONS
DOUBLE CHAIN MAIN BLOCK WITH (2) FINE ADJUSTMENTS
LEVEL AND SUPPORT DEVICE
JACKSCREW WRENCH
PARTS AND OPERATING MANUAL

SHIPPING WEIGHT 100 KG

MATHEY DEARMAN DOUBLE CHAIN CLAMP

THE MATHEY DEARMAN DOUBLE CHAIN CLAMP IS A HEAVY-DUTY VESSEL CLAMP DESIGNED FOR ALIGNMENT AND REFORMING OF PIPES AND VESSELS UP TO 20' (6 M) IN DIAMETER WITH SCHEDULE 80 WALL THICKNESS. OUR DOUBLE CHAIN CLAMPS ALSO ALIGN SCHEDULE 80 PIPE AND HEAVIER WHEN NO REFORMING IS REQUIRED. THE EXTRA HEAVY-DUTY JACKBARS AND MAIN BLOCK PROVIDE THE BRUTE STRENGTH NECESSARY TO ACCOMPLISH EVEN THE TOUGHEST REFORMING JOBS. MODELS 10" TO 36" THROUGH 10" TO 54" COME WITH A LEVEL AND SUPPORT DEVICE. ALL OTHER MODELS COME WITH A CABLE HOIST. THE DOUBLE CHAIN CLAMP IS AVAILABLE IN STEEL AND STAINLESS STEEL VERSIONS

FEATURES:

- PRECISE | NUMEROUS JACKBARS PROVIDE CLAMPING PRESSURE EXACTLY WHERE NEEDED FOR PERFECT ALIGNMENT
- TOUGH | REFORMS AND ALIGNS PIPE WITH SCHEDULE 80 WALL THICKNESS
- ADAPTABLE | FITS EXTREMELY LARGE RANGE OF PIPE DIAMETERS
- CONFORMING | JACKBAR PADS PIVOT INDEPENDENTLY TO HANDLE UNEVEN PIPE AND FITTING SURFACES
- JOINTS ON LARGE PIPE OR TUBE SHELLS UP TO 20' (6096 MM) IN DIAMETER CAN BE ALIGNED, REFORMED AND WELDED WITHOUT REMOVING THE CLAMP, SAVING TIME AND IMPROVING WELD QUALITY.

WARNING:
DOUBLE CHAIN CLAMPS SHOULD NEVER BE USED AS THE SOLE SUPPORT FOR THE PIPE OR TO LIFT THE PIPE. DO NOT EXCEED PIPE SIZE RANGE LISTED OR USE ANY TYPE OF CHAIN OTHER THAN SUPPLIED WITHOUT FIRST CONTACTING THE MATHEY DEARMAN SALES DEPARTMENT.

MATHEY DEARMAN D251-1072



Technical specifications

ALIGN & REFORM PIPE

MODEL: D251-1072

PIPE SIZE RANGE IN (MM): 10- 72 (254-1829)

MODELS- D251-1072 CARBON STEEL & D251-1072SS STAINLESS STEEL

INCLUDES-

2) NICKEL PLATED OR STAINLESS STEEL HIGH-STRENGTH LEAF CHAINS
EXTRA HEAVY-DUTY STAINLESS STEEL JACK BARS-QUANTITY AS LISTED IN SPECIFICATIONS
DOUBLE CHAIN MAIN BLOCK WITH (2) FINE ADJUSTMENTS
LEVEL AND SUPPORT DEVICE
JACKSCREW WRENCH
PARTS AND OPERATING MANUAL

SHIPPING WEIGHT 100 KG

MATHEY DEARMAN DOUBLE CHAIN CLAMP

THE MATHEY DEARMAN DOUBLE CHAIN CLAMP IS A HEAVY-DUTY VESSEL CLAMP DESIGNED FOR ALIGNMENT AND REFORMING OF PIPES AND VESSELS UP TO 20' (6 M) IN DIAMETER WITH SCHEDULE 80 WALL THICKNESS. OUR DOUBLE CHAIN CLAMPS ALSO ALIGN SCHEDULE 80 PIPE AND HEAVIER WHEN NO REFORMING IS REQUIRED. THE EXTRA HEAVY-DUTY JACKBARS AND MAIN BLOCK PROVIDE THE BRUTE STRENGTH NECESSARY TO ACCOMPLISH EVEN THE TOUGHEST REFORMING JOBS. MODELS 10" TO 36" THROUGH 10" TO 54" COME WITH A LEVEL AND SUPPORT DEVICE. ALL OTHER MODELS COME WITH A CABLE HOIST. THE DOUBLE CHAIN CLAMP IS AVAILABLE IN STEEL AND STAINLESS STEEL VERSIONS

FEATURES:

- PRECISE | NUMEROUS JACKBARS PROVIDE CLAMPING PRESSURE EXACTLY WHERE NEEDED FOR PERFECT ALIGNMENT
- TOUGH | REFORMS AND ALIGNS PIPE WITH SCHEDULE 80 WALL THICKNESS
- ADAPTABLE | FITS EXTREMELY LARGE RANGE OF PIPE DIAMETERS
- CONFORMING | JACKBAR PADS PIVOT INDEPENDENTLY TO HANDLE UNEVEN PIPE AND FITTING SURFACES
- JOINTS ON LARGE PIPE OR TUBE SHELLS UP TO 20' (6096 MM) IN DIAMETER CAN BE ALIGNED, REFORMED AND WELDED WITHOUT REMOVING THE CLAMP, SAVING TIME AND IMPROVING WELD QUALITY.

WARNING:
DOUBLE CHAIN CLAMPS SHOULD NEVER BE USED AS THE SOLE SUPPORT FOR THE PIPE OR TO LIFT THE PIPE. DO NOT EXCEED PIPE SIZE RANGE LISTED OR USE ANY TYPE OF CHAIN OTHER THAN SUPPLIED WITHOUT FIRST CONTACTING THE MATHEY DEARMAN SALES DEPARTMENT.

MATHEY DEARMAN D711-0810



Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-0810

PIPE SIZE RANGE IN (MM): 8-10 / 203-254

FEATURES:

ACCURATE: APPLY REFORMING PRESSURE EXACTLY WHERE REQUIRED

STRONG: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

EASY| SELF-LATCHING DESIGN (14" / 356MM AND LARGER) MAKES INSTALLATION SIMPLE AND SAFE

VERSATILE: HANDLES A RANGE OF PIPE SIZES AND MATERIALS

SHIPPING WEIGHT 100 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12"	14"-24"	26"-30"	32"-48"	50"-60"	62"-72"
			(102 - 305)	(356 - 610)	(660 - 762)	(813 - 1289)	(1270 - 1524)	(1575 - 1829)
			Pipe Wall Thickness in (mm)*					
Rim Clamp	45,000	310	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/8" (29)	1-1/4" (32)

MATHEY DEARMAN RIM CLAMP

MATHEY DEARMAN RIM CLAMPS ARE BUILT FOR TOUGH REFORMING JOBS AND ARE IDEAL FOR APPLICATIONS REQUIRING 100% WELD AND GRIND WITHOUT RELEASING CLAMPING PRESSURE. SYMETRICALLY PLACED JACKSCREWS APPLY PRESSURE ON HIGH POINTS TO PRECISELY REFORM AND ALIGN PIPE OR SHELLS. ALL SURFACES OF THE RIM CLAMP IN CONTACT WITH THE PIPE ARE MADE OF STAINLESS STEEL ENABLING THE CLAMP TO BE USED ON A VARIETY OF MATERIALS.

MATHEY DEARMAN RIM CLAMPS WILL REFORM 45,000 PSI TENSILE STRENGTH PIPE UP TO SCHEDULE 80, WITH OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM), DEPENDING ON WALL THICKNESS.

THE 14" TO 16" (356 MM TO 406 MM) AND LARGER RIM CLAMP CLOSSES OVER THE PIPE AUTOMATICALLY, FOR QUICK AND SIMPLE OPERATION.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILTY RAPIDLY DECREASES

MATHEY DEARMAN D711-1012



Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-1012

PIPE SIZE RANGE IN (MM): 10-12 / 254-305

FEATURES:

ACCURATE: APPLY REFORMING PRESSURE EXACTLY WHERE REQUIRED

STRONG: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

EASY| SELF-LATCHING DESIGN (14" / 356MM AND LARGER) MAKES INSTALLATION SIMPLE AND SAFE

VERSATILE: HANDLES A RANGE OF PIPE SIZES AND MATERIALS

SHIPPING WEIGHT 40.5 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

MATHEY DEARMAN RIM CLAMP

MATHEY DEARMAN RIM CLAMPS ARE BUILT FOR TOUGH REFORMING JOBS AND ARE IDEAL FOR APPLICATIONS REQUIRING 100% WELD AND GRIND WITHOUT RELEASING CLAMPING PRESSURE. SYMETRICALLY PLACED JACKSCREWS APPLY PRESSURE ON HIGH POINTS TO PRECISELY REFORM AND ALIGN PIPE OR SHELLS. ALL SURFACES OF THE RIM CLAMP IN CONTACT WITH THE PIPE ARE MADE OF STAINLESS STEEL ENABLING THE CLAMP TO BE USED ON A VARIETY OF MATERIALS.

MATHEY DEARMAN RIM CLAMPS WILL REFORM 45,000 PSI TENSILE STRENGTH PIPE UP TO SCHEDULE 80, WITH OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM), DEPENDING ON WALL THICKNESS.

THE 14" TO 16" (356 MM TO 406 MM) AND LARGER RIM CLAMP CLOSSES OVER THE PIPE AUTOMATICALLY, FOR QUICK AND SIMPLE OPERATION.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILT RAPIDLY DECREASES

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12"	14"-24"	26"-30"	32"-48"	50"-60"	62"-72"
			(102 - 305)	(356 - 610)	(660 - 762)	(813 - 1289)	(1270 - 1524)	(1575 - 1829)
			Pipe Wall Thickness in (mm)*					
Rim Clamp	45,000	310	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/8" (29)	1-1/4" (32)

MATHEY DEARMAN D711-1420



Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-1420

PIPE SIZE RANGE IN (MM): 12-14 / 305-356

FEATURES:

ACCURATE: APPLY REFORMING PRESSURE EXACTLY WHERE REQUIRED

STRONG: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

EASY| SELF-LATCHING DESIGN (14" / 356MM AND LARGER) MAKES INSTALLATION SIMPLE AND SAFE

VERSATILE: HANDLES A RANGE OF PIPE SIZES AND MATERIALS

SHIPPING WEIGHT 54 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12"	14"-24"	26"-30"	32"-48"	50"-60"	62"-72"
			(102 - 305)	(356 - 610)	(660 - 762)	(813 - 1289)	(1270 - 1524)	(1575 - 1829)
			Pipe Wall Thickness in (mm)*					
Rim Clamp	45,000	310	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/8" (29)	1-1/4" (32)

MATHEY DEARMAN RIM CLAMP

MATHEY DEARMAN RIM CLAMPS ARE BUILT FOR TOUGH REFORMING JOBS AND ARE IDEAL FOR APPLICATIONS REQUIRING 100% WELD AND GRIND WITHOUT RELEASING CLAMPING PRESSURE. SYMETRICALLY PLACED JACKSCREWS APPLY PRESSURE ON HIGH POINTS TO PRECISELY REFORM AND ALIGN PIPE OR SHELLS. ALL SURFACES OF THE RIM CLAMP IN CONTACT WITH THE PIPE ARE MADE OF STAINLESS STEEL ENABLING THE CLAMP TO BE USED ON A VARIETY OF MATERIALS.

MATHEY DEARMAN RIM CLAMPS WILL REFORM 45,000 PSI TENSILE STRENGTH PIPE UP TO SCHEDULE 80, WITH OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM), DEPENDING ON WALL THICKNESS.

THE 14" TO 16" (356 MM TO 406 MM) AND LARGER RIM CLAMP CLOSSES OVER THE PIPE AUTOMATICALLY, FOR QUICK AND SIMPLE OPERATION.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILTY RAPIDLY DECREASES

MATHEY DEARMAN D711-1824



Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-1824

PIPE SIZE RANGE IN (MM): 18-24 / 457-610

FEATURES:

ACCURATE: APPLY REFORMING PRESSURE EXACTLY WHERE REQUIRED

STRONG: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

EASY| SELF-LATCHING DESIGN (14" / 356MM AND LARGER) MAKES INSTALLATION SIMPLE AND SAFE

VERSATILE: HANDLES A RANGE OF PIPE SIZES AND MATERIALS

SHIPPING WEIGHT 157.5 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12"	14"-24"	26"-30"	32"-48"	50"-60"	62"-72"
			(102 - 305)	(356 - 610)	(660 - 762)	(813 - 1289)	(1270 - 1524)	(1575 - 1829)
			Pipe Wall Thickness in (mm)*					
Rim Clamp	45,000	310	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/8" (29)	1-1/4" (32)

MATHEY DEARMAN RIM CLAMP

MATHEY DEARMAN RIM CLAMPS ARE BUILT FOR TOUGH REFORMING JOBS AND ARE IDEAL FOR APPLICATIONS REQUIRING 100% WELD AND GRIND WITHOUT RELEASING CLAMPING PRESSURE. SYMETRICALLY PLACED JACKSCREWS APPLY PRESSURE ON HIGH POINTS TO PRECISELY REFORM AND ALIGN PIPE OR SHELLS. ALL SURFACES OF THE RIM CLAMP IN CONTACT WITH THE PIPE ARE MADE OF STAINLESS STEEL ENABLING THE CLAMP TO BE USED ON A VARIETY OF MATERIALS.

MATHEY DEARMAN RIM CLAMPS WILL REFORM 45,000 PSI TENSILE STRENGTH PIPE UP TO SCHEDULE 80, WITH OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM), DEPENDING ON WALL THICKNESS.

THE 14" TO 16" (356 MM TO 406 MM) AND LARGER RIM CLAMP CLOSSES OVER THE PIPE AUTOMATICALLY, FOR QUICK AND SIMPLE OPERATION.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILTY RAPIDLY DECREASES

MATHEY DEARMAN D711-2632



Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-2632

PIPE SIZE RANGE IN (MM): 26-32 / 660-813

FEATURES:

ACCURATE: APPLY REFORMING PRESSURE EXACTLY WHERE REQUIRED

STRONG: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

EASY| SELF-LATCHING DESIGN (14" / 356MM AND LARGER) MAKES INSTALLATION SIMPLE AND SAFE

VERSATILE: HANDLES A RANGE OF PIPE SIZES AND MATERIALS

SHIPPING WEIGHT 180 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12"	14"-24"	26"-30"	32"-48"	50"-60"	62"-72"
			(102 - 305)	(356 - 610)	(660 - 762)	(813 - 1289)	(1270 - 1524)	(1575 - 1829)
			Pipe Wall Thickness in (mm)*					
Rim Clamp	45,000	310	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/8" (29)	1-1/4" (32)

MATHEY DEARMAN RIM CLAMP

MATHEY DEARMAN RIM CLAMPS ARE BUILT FOR TOUGH REFORMING JOBS AND ARE IDEAL FOR APPLICATIONS REQUIRING 100% WELD AND GRIND WITHOUT RELEASING CLAMPING PRESSURE. SYMETRICALLY PLACED JACKSCREWS APPLY PRESSURE ON HIGH POINTS TO PRECISELY REFORM AND ALIGN PIPE OR SHELLS. ALL SURFACES OF THE RIM CLAMP IN CONTACT WITH THE PIPE ARE MADE OF STAINLESS STEEL ENABLING THE CLAMP TO BE USED ON A VARIETY OF MATERIALS.

MATHEY DEARMAN RIM CLAMPS WILL REFORM 45,000 PSI TENSILE STRENGTH PIPE UP TO SCHEDULE 80, WITH OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM), DEPENDING ON WALL THICKNESS.

THE 14" TO 16" (356 MM TO 406 MM) AND LARGER RIM CLAMP CLOSSES OVER THE PIPE AUTOMATICALLY, FOR QUICK AND SIMPLE OPERATION.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILTY RAPIDLY DECREASES

MATHEY DEARMAN D711-3036



Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-3036

PIPE SIZE RANGE IN (MM): 30-36 / 762-914

FEATURES:

ACCURATE: APPLY REFORMING PRESSURE EXACTLY WHERE REQUIRED

STRONG: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

EASY| SELF-LATCHING DESIGN (14" / 356MM AND LARGER) MAKES INSTALLATION SIMPLE AND SAFE

VERSATILE: HANDLES A RANGE OF PIPE SIZES AND MATERIALS

SHIPPING WEIGHT 189 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12"	14"-24"	26"-30"	32"-48"	50"-60"	62"-72"
			(102 - 305)	(356 - 610)	(660 - 762)	(813 - 1289)	(1270 - 1524)	(1575 - 1829)
			Pipe Wall Thickness in (mm)*					
Rim Clamp	45,000	310	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/8" (29)	1-1/4" (32)

MATHEY DEARMAN RIM CLAMP

MATHEY DEARMAN RIM CLAMPS ARE BUILT FOR TOUGH REFORMING JOBS AND ARE IDEAL FOR APPLICATIONS REQUIRING 100% WELD AND GRIND WITHOUT RELEASING CLAMPING PRESSURE. SYMETRICALLY PLACED JACKSCREWS APPLY PRESSURE ON HIGH POINTS TO PRECISELY REFORM AND ALIGN PIPE OR SHELLS. ALL SURFACES OF THE RIM CLAMP IN CONTACT WITH THE PIPE ARE MADE OF STAINLESS STEEL ENABLING THE CLAMP TO BE USED ON A VARIETY OF MATERIALS.

MATHEY DEARMAN RIM CLAMPS WILL REFORM 45,000 PSI TENSILE STRENGTH PIPE UP TO SCHEDULE 80, WITH OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM), DEPENDING ON WALL THICKNESS.

THE 14" TO 16" (356 MM TO 406 MM) AND LARGER RIM CLAMP CLOSSES OVER THE PIPE AUTOMATICALLY, FOR QUICK AND SIMPLE OPERATION.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILTY RAPIDLY DECREASES

MATHEY DEARMAN D711-3440



Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-3440

PIPE SIZE RANGE IN (MM): 34-40 / 864-1016

FEATURES:

ACCURATE: APPLY REFORMING PRESSURE EXACTLY WHERE REQUIRED

STRONG: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

EASY| SELF-LATCHING DESIGN (14" / 356MM AND LARGER) MAKES INSTALLATION SIMPLE AND SAFE

VERSATILE: HANDLES A RANGE OF PIPE SIZES AND MATERIALS

SHIPPING WEIGHT 202.5 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12"	14"-24"	26"-30"	32"-48"	50"-60"	62"-72"
			(102 - 305)	(356 - 610)	(660 - 762)	(813 - 1289)	(1270 - 1524)	(1575 - 1829)
			Pipe Wall Thickness in (mm)*					
Rim Clamp	45,000	310	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/8" (29)	1-1/4" (32)

MATHEY DEARMAN RIM CLAMP

MATHEY DEARMAN RIM CLAMPS ARE BUILT FOR TOUGH REFORMING JOBS AND ARE IDEAL FOR APPLICATIONS REQUIRING 100% WELD AND GRIND WITHOUT RELEASING CLAMPING PRESSURE. SYMETRICALLY PLACED JACKSCREWS APPLY PRESSURE ON HIGH POINTS TO PRECISELY REFORM AND ALIGN PIPE OR SHELLS. ALL SURFACES OF THE RIM CLAMP IN CONTACT WITH THE PIPE ARE MADE OF STAINLESS STEEL ENABLING THE CLAMP TO BE USED ON A VARIETY OF MATERIALS.

MATHEY DEARMAN RIM CLAMPS WILL REFORM 45,000 PSI TENSILE STRENGTH PIPE UP TO SCHEDULE 80, WITH OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM), DEPENDING ON WALL THICKNESS.

THE 14" TO 16" (356 MM TO 406 MM) AND LARGER RIM CLAMP CLOSSES OVER THE PIPE AUTOMATICALLY, FOR QUICK AND SIMPLE OPERATION.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILTY RAPIDLY DECREASES

MATHEY DEARMAN D711-3844



Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-3844

PIPE SIZE RANGE IN (MM): 38-44 / 965-1118

FEATURES:

ACCURATE: APPLY REFORMING PRESSURE EXACTLY WHERE REQUIRED

STRONG: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

EASY| SELF-LATCHING DESIGN (14" / 356MM AND LARGER) MAKES INSTALLATION SIMPLE AND SAFE

VERSATILE: HANDLES A RANGE OF PIPE SIZES AND MATERIALS

SHIPPING WEIGHT 220.5 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12"	14"-24"	26"-30"	32"-48"	50"-60"	62"-72"
			(102 - 305)	(356 - 610)	(660 - 762)	(813 - 1289)	(1270 - 1524)	(1575 - 1829)
			Pipe Wall Thickness in (mm)*					
Rim Clamp	45,000	310	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/8" (29)	1-1/4" (32)

MATHEY DEARMAN RIM CLAMP

MATHEY DEARMAN RIM CLAMPS ARE BUILT FOR TOUGH REFORMING JOBS AND ARE IDEAL FOR APPLICATIONS REQUIRING 100% WELD AND GRIND WITHOUT RELEASING CLAMPING PRESSURE. SYMETRICALLY PLACED JACKSCREWS APPLY PRESSURE ON HIGH POINTS TO PRECISELY REFORM AND ALIGN PIPE OR SHELLS. ALL SURFACES OF THE RIM CLAMP IN CONTACT WITH THE PIPE ARE MADE OF STAINLESS STEEL ENABLING THE CLAMP TO BE USED ON A VARIETY OF MATERIALS.

MATHEY DEARMAN RIM CLAMPS WILL REFORM 45,000 PSI TENSILE STRENGTH PIPE UP TO SCHEDULE 80, WITH OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM), DEPENDING ON WALL THICKNESS.

THE 14" TO 16" (356 MM TO 406 MM) AND LARGER RIM CLAMP CLOSSES OVER THE PIPE AUTOMATICALLY, FOR QUICK AND SIMPLE OPERATION.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILTY RAPIDLY DECREASES

MATHEY DEARMAN D711-4248



Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-4248

PIPE SIZE RANGE IN (MM): 42-48 / 1067-1219

FEATURES:

ACCURATE: APPLY REFORMING PRESSURE EXACTLY WHERE REQUIRED

STRONG: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

EASY| SELF-LATCHING DESIGN (14" / 356MM AND LARGER) MAKES INSTALLATION SIMPLE AND SAFE

VERSATILE: HANDLES A RANGE OF PIPE SIZES AND MATERIALS

SHIPPING WEIGHT 229.5 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12"	14"-24"	26"-30"	32"-48"	50"-60"	62"-72"
			(102 - 305)	(356 - 610)	(660 - 762)	(813 - 1289)	(1270 - 1524)	(1575 - 1829)
			Pipe Wall Thickness in (mm)*					
Rim Clamp	45,000	310	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/8" (29)	1-1/4" (32)

MATHEY DEARMAN RIM CLAMP

MATHEY DEARMAN RIM CLAMPS ARE BUILT FOR TOUGH REFORMING JOBS AND ARE IDEAL FOR APPLICATIONS REQUIRING 100% WELD AND GRIND WITHOUT RELEASING CLAMPING PRESSURE. SYMETRICALLY PLACED JACKSCREWS APPLY PRESSURE ON HIGH POINTS TO PRECISELY REFORM AND ALIGN PIPE OR SHELLS. ALL SURFACES OF THE RIM CLAMP IN CONTACT WITH THE PIPE ARE MADE OF STAINLESS STEEL ENABLING THE CLAMP TO BE USED ON A VARIETY OF MATERIALS.

MATHEY DEARMAN RIM CLAMPS WILL REFORM 45,000 PSI TENSILE STRENGTH PIPE UP TO SCHEDULE 80, WITH OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM), DEPENDING ON WALL THICKNESS.

THE 14" TO 16" (356 MM TO 406 MM) AND LARGER RIM CLAMP CLOSSES OVER THE PIPE AUTOMATICALLY, FOR QUICK AND SIMPLE OPERATION.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILTY RAPIDLY DECREASES

MATHEY DEARMAN D711-5056



Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-5056

PIPE SIZE RANGE IN (MM): 50-56 / 1270-1422

FEATURES:

ACCURATE: APPLY REFORMING PRESSURE EXACTLY WHERE REQUIRED

STRONG: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

EASY| SELF-LATCHING DESIGN (14" / 356MM AND LARGER) MAKES INSTALLATION SIMPLE AND SAFE

VERSATILE: HANDLES A RANGE OF PIPE SIZES AND MATERIALS

SHIPPING WEIGHT 308 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12"	14"-24"	26"-30"	32"-48"	50"-60"	62"-72"
			(102 - 305)	(356 - 610)	(660 - 762)	(813 - 1289)	(1270 - 1524)	(1575 - 1829)
			Pipe Wall Thickness in (mm)*					
Rim Clamp	45,000	310	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/8" (29)	1-1/4" (32)

MATHEY DEARMAN RIM CLAMP

MATHEY DEARMAN RIM CLAMPS ARE BUILT FOR TOUGH REFORMING JOBS AND ARE IDEAL FOR APPLICATIONS REQUIRING 100% WELD AND GRIND WITHOUT RELEASING CLAMPING PRESSURE. SYMETRICALLY PLACED JACKSCREWS APPLY PRESSURE ON HIGH POINTS TO PRECISELY REFORM AND ALIGN PIPE OR SHELLS. ALL SURFACES OF THE RIM CLAMP IN CONTACT WITH THE PIPE ARE MADE OF STAINLESS STEEL ENABLING THE CLAMP TO BE USED ON A VARIETY OF MATERIALS.

MATHEY DEARMAN RIM CLAMPS WILL REFORM 45,000 PSI TENSILE STRENGTH PIPE UP TO SCHEDULE 80, WITH OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM), DEPENDING ON WALL THICKNESS.

THE 14" TO 16" (356 MM TO 406 MM) AND LARGER RIM CLAMP CLOSSES OVER THE PIPE AUTOMATICALLY, FOR QUICK AND SIMPLE OPERATION.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILTY RAPIDLY DECREASES

MATHEY DEARMAN D711-5460



Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-5460

PIPE SIZE RANGE IN (MM): 54-60 / 1372-1524

FEATURES:

ACCURATE: APPLY REFORMING PRESSURE EXACTLY WHERE REQUIRED

STRONG: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

EASY| SELF-LATCHING DESIGN (14" / 356MM AND LARGER) MAKES INSTALLATION SIMPLE AND SAFE

VERSATILE: HANDLES A RANGE OF PIPE SIZES AND MATERIALS

SHIPPING WEIGHT 337.5 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12"	14"-24"	26"-30"	32"-48"	50"-60"	62"-72"
			(102 - 305)	(356 - 610)	(660 - 762)	(813 - 1289)	(1270 - 1524)	(1575 - 1829)
			Pipe Wall Thickness in (mm)*					
Rim Clamp	45,000	310	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/8" (29)	1-1/4" (32)

MATHEY DEARMAN RIM CLAMP

MATHEY DEARMAN RIM CLAMPS ARE BUILT FOR TOUGH REFORMING JOBS AND ARE IDEAL FOR APPLICATIONS REQUIRING 100% WELD AND GRIND WITHOUT RELEASING CLAMPING PRESSURE. SYMETRICALLY PLACED JACKSCREWS APPLY PRESSURE ON HIGH POINTS TO PRECISELY REFORM AND ALIGN PIPE OR SHELLS. ALL SURFACES OF THE RIM CLAMP IN CONTACT WITH THE PIPE ARE MADE OF STAINLESS STEEL ENABLING THE CLAMP TO BE USED ON A VARIETY OF MATERIALS.

MATHEY DEARMAN RIM CLAMPS WILL REFORM 45,000 PSI TENSILE STRENGTH PIPE UP TO SCHEDULE 80, WITH OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM), DEPENDING ON WALL THICKNESS.

THE 14" TO 16" (356 MM TO 406 MM) AND LARGER RIM CLAMP CLOSSES OVER THE PIPE AUTOMATICALLY, FOR QUICK AND SIMPLE OPERATION.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILTY RAPIDLY DECREASES

MATHEY DEARMAN D711-6268



Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-6268

PIPE SIZE RANGE IN (MM): 62-68 / 1575-1727

FEATURES:

ACCURATE: APPLY REFORMING PRESSURE EXACTLY WHERE REQUIRED

STRONG: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

EASY| SELF-LATCHING DESIGN (14" / 356MM AND LARGER) MAKES INSTALLATION SIMPLE AND SAFE

VERSATILE: HANDLES A RANGE OF PIPE SIZES AND MATERIALS

SHIPPING WEIGHT 396 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12"	14"-24"	26"-30"	32"-48"	50"-60"	62"-72"
			(102 - 305)	(356 - 610)	(660 - 762)	(813 - 1289)	(1270 - 1524)	(1575 - 1829)
			Pipe Wall Thickness in (mm)*					
Rim Clamp	45,000	310	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/8" (29)	1-1/4" (32)

MATHEY DEARMAN RIM CLAMP

MATHEY DEARMAN RIM CLAMPS ARE BUILT FOR TOUGH REFORMING JOBS AND ARE IDEAL FOR APPLICATIONS REQUIRING 100% WELD AND GRIND WITHOUT RELEASING CLAMPING PRESSURE. SYMETRICALLY PLACED JACKSCREWS APPLY PRESSURE ON HIGH POINTS TO PRECISELY REFORM AND ALIGN PIPE OR SHELLS. ALL SURFACES OF THE RIM CLAMP IN CONTACT WITH THE PIPE ARE MADE OF STAINLESS STEEL ENABLING THE CLAMP TO BE USED ON A VARIETY OF MATERIALS.

MATHEY DEARMAN RIM CLAMPS WILL REFORM 45,000 PSI TENSILE STRENGTH PIPE UP TO SCHEDULE 80, WITH OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM), DEPENDING ON WALL THICKNESS.

THE 14" TO 16" (356 MM TO 406 MM) AND LARGER RIM CLAMP CLOSSES OVER THE PIPE AUTOMATICALLY, FOR QUICK AND SIMPLE OPERATION.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILTY RAPIDLY DECREASES

MATHEY DEARMAN D711-0608M



MATHEY DEARMAN MEGA RIM CLAMP

FOR REFORMING HIGH TENSILE STRENGTH PIPE, THERE IS NOTHING LIKE A MATHEY DEARMAN MEGA RIM CLAMP. OUR MEGA RIM CLAMPS ALIGN AND REFORM HIGH TENSILE STRENGTH X65, X70 AND X80 PIPE WITH WALL THICKNESSES UP TO 1 3/8" (35 MM). CAPABLE OF REFORMING PIPE WITH AN OUT-OF-ROUND CONDITION OF UP TO 2" (51 MM), THIS CLAMP'S PERFORMANCE COMES FROM THE HEAVY-DUTY OVAL SHAPED SIDE PLATES, LATCHING MECHANISM, AND FLIP-UP JACKBARS FOR MATING PIPES AND FITTINGS. THE MEGA RIM'S HINGED FLIP-UP JACKBARS ARE PRECISELY POSITIONED ON THE CLAMP SO THEY CAN BE ROTATED AWAY FROM THE PRIMARY PIPE FOR INSERTION OF THE MATING PIPE, VALVE OR FITTING AND TO FACILITATE WELDING AND GRINDING. THE INDEPENDENT PIVOTING PADS OF THE JACKSCREWS COMPENSATE FOR UNEVEN PIPE SURFACES. TO AVOID THE RISK OF CONTAMINATION, ALL SURFACES OF THE MEGA RIM CLAMP THAT CONTACT THE PIPE ARE MADE OF STAINLESS STEEL.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILTY RAPIDLY DECREASES

Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-0608M

PIPE SIZE RANGE IN (MM): 6-8 / 152-203

FEATURES:

EXTREME CAPACITY: REFORMS EVEN HIGH TENSILE STRENGTH PIPE

ACCURATE: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

VERSATILE: ALLOWS FOR 100% WELD AND GRIND WITHOUT RELEASING CLAMP PRESSURE

SHIPPING WEIGHT 100 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12" (102 - 305)	14"-24" (356 - 610)	26"-30" (660 - 762)	32"-48" (813 - 1289)	50"-60" (1270 - 1524)	62"-72" (1575 - 1829)
			Pipe Wall Thickness in (mm)					
Mega Rim	45,000	310	1/2" (11)	3/4" (19)	1" (25)	1-1/8" (29)	1-1/4" (32)	1-3/8" (35)
	65,000	448	7/16" (11)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)	1-3/8" (35)
	70,000	483	3/8" (10)	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/4" (32)
	80,000	552	3/8" (10)	1/2" (13)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)

MATHEY DEARMAN D711-0810M



MATHEY DEARMAN MEGA RIM CLAMP

FOR REFORMING HIGH TENSILE STRENGTH PIPE, THERE IS NOTHING LIKE A MATHEY DEARMAN MEGA RIM CLAMP. OUR MEGA RIM CLAMPS ALIGN AND REFORM HIGH TENSILE STRENGTH X65, X70 AND X80 PIPE WITH WALL THICKNESSES UP TO 1 3/8" (35 MM). CAPABLE OF REFORMING PIPE WITH AN OUT-OF-ROUND CONDITION OF UP TO 2" (51 MM), THIS CLAMP'S PERFORMANCE COMES FROM THE HEAVY-DUTY OVAL SHAPED SIDE PLATES, LATCHING MECHANISM, AND FLIP-UP JACKBARS FOR MATING PIPES AND FITTINGS. THE MEGA RIM'S HINGED FLIP-UP JACKBARS ARE PRECISELY POSITIONED ON THE CLAMP SO THEY CAN BE ROTATED AWAY FROM THE PRIMARY PIPE FOR INSERTION OF THE MATING PIPE, VALVE OR FITTING AND TO FACILITATE WELDING AND GRINDING. THE INDEPENDENT PIVOTING PADS OF THE JACKSCREWS COMPENSATE FOR UNEVEN PIPE SURFACES. TO AVOID THE RISK OF CONTAMINATION, ALL SURFACES OF THE MEGA RIM CLAMP THAT CONTACT THE PIPE ARE MADE OF STAINLESS STEEL.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILITY RAPIDLY DECREASES

Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-0810M

PIPE SIZE RANGE IN (MM): 8-10 / 203-254

FEATURES:

EXTREME CAPACITY: REFORMS EVEN HIGH TENSILE STRENGTH PIPE

ACCURATE: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

VERSATILE: ALLOWS FOR 100% WELD AND GRIND WITHOUT RELEASING CLAMP PRESSURE

SHIPPING WEIGHT 100 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12" (102 - 305)	14"-24" (356 - 610)	26"-30" (660 - 762)	32"-48" (813 - 1289)	50"-60" (1270 - 1524)	62"-72" (1575 - 1829)
			Pipe Wall Thickness in (mm)					
Mega Rim	45,000	310	1/2" (11)	3/4" (19)	1" (25)	1-1/8" (29)	1-1/4" (32)	1-3/8" (35)
	65,000	448	7/16" (11)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)	1-3/8" (35)
	70,000	483	3/8" (10)	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/4" (32)
	80,000	552	3/8" (10)	1/2" (13)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)

MATHEY DEARMAN D711-1420M



MATHEY DEARMAN MEGA RIM CLAMP

FOR REFORMING HIGH TENSILE STRENGTH PIPE, THERE IS NOTHING LIKE A MATHEY DEARMAN MEGA RIM CLAMP. OUR MEGA RIM CLAMPS ALIGN AND REFORM HIGH TENSILE STRENGTH X65, X70 AND X80 PIPE WITH WALL THICKNESSES UP TO 1 3/8" (35 MM). CAPABLE OF REFORMING PIPE WITH AN OUT-OF-ROUND CONDITION OF UP TO 2" (51 MM), THIS CLAMP'S PERFORMANCE COMES FROM THE HEAVY-DUTY OVAL SHAPED SIDE PLATES, LATCHING MECHANISM, AND FLIP-UP JACKBARS FOR MATING PIPES AND FITTINGS. THE MEGA RIM'S HINGED FLIP-UP JACKBARS ARE PRECISELY POSITIONED ON THE CLAMP SO THEY CAN BE ROTATED AWAY FROM THE PRIMARY PIPE FOR INSERTION OF THE MATING PIPE, VALVE OR FITTING AND TO FACILITATE WELDING AND GRINDING. THE INDEPENDENT PIVOTING PADS OF THE JACKSCREWS COMPENSATE FOR UNEVEN PIPE SURFACES. TO AVOID THE RISK OF CONTAMINATION, ALL SURFACES OF THE MEGA RIM CLAMP THAT CONTACT THE PIPE ARE MADE OF STAINLESS STEEL.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILITY RAPIDLY DECREASES

Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-1420M

PIPE SIZE RANGE IN (MM): 14-20 / 356-508

FEATURES:

EXTREME CAPACITY: REFORMS EVEN HIGH TENSILE STRENGTH PIPE

ACCURATE: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

VERSATILE: ALLOWS FOR 100% WELD AND GRIND WITHOUT RELEASING CLAMP PRESSURE

SHIPPING WEIGHT 100 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12" (102 - 305)	14"-24" (356 - 610)	26"-30" (660 - 762)	32"-48" (813 - 1289)	50"-60" (1270 - 1524)	62"-72" (1575 - 1829)
			Pipe Wall Thickness in (mm)					
Mega Rim	45,000	310	1/2" (11)	3/4" (19)	1" (25)	1-1/8" (29)	1-1/4" (32)	1-3/8" (35)
	65,000	448	7/16" (11)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)	1-3/8" (35)
	70,000	483	3/8" (10)	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/4" (32)
	80,000	552	3/8" (10)	1/2" (13)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)

MATHEY DEARMAN D711-1824M



MATHEY DEARMAN MEGA RIM CLAMP

FOR REFORMING HIGH TENSILE STRENGTH PIPE, THERE IS NOTHING LIKE A MATHEY DEARMAN MEGA RIM CLAMP. OUR MEGA RIM CLAMPS ALIGN AND REFORM HIGH TENSILE STRENGTH X65, X70 AND X80 PIPE WITH WALL THICKNESSES UP TO 1 3/8" (35 MM). CAPABLE OF REFORMING PIPE WITH AN OUT-OF-ROUND CONDITION OF UP TO 2" (51 MM), THIS CLAMP'S PERFORMANCE COMES FROM THE HEAVY-DUTY OVAL SHAPED SIDE PLATES, LATCHING MECHANISM, AND FLIP-UP JACKBARS FOR MATING PIPES AND FITTINGS. THE MEGA RIM'S HINGED FLIP-UP JACKBARS ARE PRECISELY POSITIONED ON THE CLAMP SO THEY CAN BE ROTATED AWAY FROM THE PRIMARY PIPE FOR INSERTION OF THE MATING PIPE, VALVE OR FITTING AND TO FACILITATE WELDING AND GRINDING. THE INDEPENDENT PIVOTING PADS OF THE JACKSCREWS COMPENSATE FOR UNEVEN PIPE SURFACES. TO AVOID THE RISK OF CONTAMINATION, ALL SURFACES OF THE MEGA RIM CLAMP THAT CONTACT THE PIPE ARE MADE OF STAINLESS STEEL.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILTY RAPIDLY DECREASES

Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-1824M

PIPE SIZE RANGE IN (MM): 18-24 / 457-610

FEATURES:

EXTREME CAPACITY: REFORMS EVEN HIGH TENSILE STRENGTH PIPE

ACCURATE: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

VERSATILE: ALLOWS FOR 100% WELD AND GRIND WITHOUT RELEASING CLAMP PRESSURE

SHIPPING WEIGHT 100 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12" (102 - 305)	14"-24" (356 - 610)	26"-30" (660 - 762)	32"-48" (813 - 1289)	50"-60" (1270 - 1524)	62"-72" (1575 - 1829)
			Pipe Wall Thickness in (mm)					
Mega Rim	45,000	310	1/2" (11)	3/4" (19)	1" (25)	1-1/8" (29)	1-1/4" (32)	1-3/8" (35)
	65,000	448	7/16" (11)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)	1-3/8" (35)
	70,000	483	3/8" (10)	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/4" (32)
	80,000	552	3/8" (10)	1/2" (13)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)

MATHEY DEARMAN D711-3036M



MATHEY DEARMAN MEGA RIM CLAMP

FOR REFORMING HIGH TENSILE STRENGTH PIPE, THERE IS NOTHING LIKE A MATHEY DEARMAN MEGA RIM CLAMP. OUR MEGA RIM CLAMPS ALIGN AND REFORM HIGH TENSILE STRENGTH X65, X70 AND X80 PIPE WITH WALL THICKNESSES UP TO 1 3/8" (35 MM). CAPABLE OF REFORMING PIPE WITH AN OUT-OF-ROUND CONDITION OF UP TO 2" (51 MM), THIS CLAMP'S PERFORMANCE COMES FROM THE HEAVY-DUTY OVAL SHAPED SIDE PLATES, LATCHING MECHANISM, AND FLIP-UP JACKBARS FOR MATING PIPES AND FITTINGS. THE MEGA RIM'S HINGED FLIP-UP JACKBARS ARE PRECISELY POSITIONED ON THE CLAMP SO THEY CAN BE ROTATED AWAY FROM THE PRIMARY PIPE FOR INSERTION OF THE MATING PIPE, VALVE OR FITTING AND TO FACILITATE WELDING AND GRINDING. THE INDEPENDENT PIVOTING PADS OF THE JACKSCREWS COMPENSATE FOR UNEVEN PIPE SURFACES. TO AVOID THE RISK OF CONTAMINATION, ALL SURFACES OF THE MEGA RIM CLAMP THAT CONTACT THE PIPE ARE MADE OF STAINLESS STEEL.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILITY RAPIDLY DECREASES

Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-3036M

PIPE SIZE RANGE IN (MM): 30-36 / 762-914

FEATURES:

EXTREME CAPACITY: REFORMS EVEN HIGH TENSILE STRENGTH PIPE

ACCURATE: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

VERSATILE: ALLOWS FOR 100% WELD AND GRIND WITHOUT RELEASING CLAMP PRESSURE

SHIPPING WEIGHT 100 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12" (102 - 305)	14"-24" (356 - 610)	26"-30" (660 - 762)	32"-48" (813 - 1289)	50"-60" (1270 - 1524)	62"-72" (1575 - 1829)
			Pipe Wall Thickness in (mm)					
Mega Rim	45,000	310	1/2" (11)	3/4" (19)	1" (25)	1-1/8" (29)	1-1/4" (32)	1-3/8" (35)
	65,000	448	7/16" (11)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)	1-3/8" (35)
	70,000	483	3/8" (10)	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/4" (32)
	80,000	552	3/8" (10)	1/2" (13)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)

MATHEY DEARMAN D711-3440M



MATHEY DEARMAN MEGA RIM CLAMP

FOR REFORMING HIGH TENSILE STRENGTH PIPE, THERE IS NOTHING LIKE A MATHEY DEARMAN MEGA RIM CLAMP. OUR MEGA RIM CLAMPS ALIGN AND REFORM HIGH TENSILE STRENGTH X65, X70 AND X80 PIPE WITH WALL THICKNESSES UP TO 1 3/8" (35 MM). CAPABLE OF REFORMING PIPE WITH AN OUT-OF-ROUND CONDITION OF UP TO 2" (51 MM), THIS CLAMP'S PERFORMANCE COMES FROM THE HEAVY-DUTY OVAL SHAPED SIDE PLATES, LATCHING MECHANISM, AND FLIP-UP JACKBARS FOR MATING PIPES AND FITTINGS. THE MEGA RIM'S HINGED FLIP-UP JACKBARS ARE PRECISELY POSITIONED ON THE CLAMP SO THEY CAN BE ROTATED AWAY FROM THE PRIMARY PIPE FOR INSERTION OF THE MATING PIPE, VALVE OR FITTING AND TO FACILITATE WELDING AND GRINDING. THE INDEPENDENT PIVOTING PADS OF THE JACKSCREWS COMPENSATE FOR UNEVEN PIPE SURFACES. TO AVOID THE RISK OF CONTAMINATION, ALL SURFACES OF THE MEGA RIM CLAMP THAT CONTACT THE PIPE ARE MADE OF STAINLESS STEEL.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILTY RAPIDLY DECREASES

Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-3440M

PIPE SIZE RANGE IN (MM): 34-40 / 864-1016

FEATURES:

EXTREME CAPACITY: REFORMS EVEN HIGH TENSILE STRENGTH PIPE

ACCURATE: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

VERSATILE: ALLOWS FOR 100% WELD AND GRIND WITHOUT RELEASING CLAMP PRESSURE

SHIPPING WEIGHT 100 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12" (102 - 305)	14"-24" (356 - 610)	26"-30" (660 - 762)	32"-48" (813 - 1289)	50"-60" (1270 - 1524)	62"-72" (1575 - 1829)
			Pipe Wall Thickness in (mm)					
Mega Rim	45,000	310	1/2" (11)	3/4" (19)	1" (25)	1-1/8" (29)	1-1/4" (32)	1-3/8" (35)
	65,000	448	7/16" (11)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)	1-3/8" (35)
	70,000	483	3/8" (10)	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/4" (32)
	80,000	552	3/8" (10)	1/2" (13)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)

MATHEY DEARMAN D711-4248M



MATHEY DEARMAN MEGA RIM CLAMP

FOR REFORMING HIGH TENSILE STRENGTH PIPE, THERE IS NOTHING LIKE A MATHEY DEARMAN MEGA RIM CLAMP. OUR MEGA RIM CLAMPS ALIGN AND REFORM HIGH TENSILE STRENGTH X65, X70 AND X80 PIPE WITH WALL THICKNESSES UP TO 1 3/8" (35 MM). CAPABLE OF REFORMING PIPE WITH AN OUT-OF-ROUND CONDITION OF UP TO 2" (51 MM), THIS CLAMP'S PERFORMANCE COMES FROM THE HEAVY-DUTY OVAL SHAPED SIDE PLATES, LATCHING MECHANISM, AND FLIP-UP JACKBARS FOR MATING PIPES AND FITTINGS. THE MEGA RIM'S HINGED FLIP-UP JACKBARS ARE PRECISELY POSITIONED ON THE CLAMP SO THEY CAN BE ROTATED AWAY FROM THE PRIMARY PIPE FOR INSERTION OF THE MATING PIPE, VALVE OR FITTING AND TO FACILITATE WELDING AND GRINDING. THE INDEPENDENT PIVOTING PADS OF THE JACKSCREWS COMPENSATE FOR UNEVEN PIPE SURFACES. TO AVOID THE RISK OF CONTAMINATION, ALL SURFACES OF THE MEGA RIM CLAMP THAT CONTACT THE PIPE ARE MADE OF STAINLESS STEEL.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILTY RAPIDLY DECREASES

Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-4248M

PIPE SIZE RANGE IN (MM): 42-48 / 1067-1219

FEATURES:

EXTREME CAPACITY: REFORMS EVEN HIGH TENSILE STRENGTH PIPE

ACCURATE: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

VERSATILE: ALLOWS FOR 100% WELD AND GRIND WITHOUT RELEASING CLAMP PRESSURE

SHIPPING WEIGHT 100 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12" (102 - 305)	14"-24" (356 - 610)	26"-30" (660 - 762)	32"-48" (813 - 1289)	50"-60" (1270 - 1524)	62"-72" (1575 - 1829)
			Pipe Wall Thickness in (mm)					
Mega Rim	45,000	310	1/2" (11)	3/4" (19)	1" (25)	1-1/8" (29)	1-1/4" (32)	1-3/8" (35)
	65,000	448	7/16" (11)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)	1-3/8" (35)
	70,000	483	3/8" (10)	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/4" (32)
	80,000	552	3/8" (10)	1/2" (13)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)

MATHEY DEARMAN D711-5056M



MATHEY DEARMAN MEGA RIM CLAMP

FOR REFORMING HIGH TENSILE STRENGTH PIPE, THERE IS NOTHING LIKE A MATHEY DEARMAN MEGA RIM CLAMP. OUR MEGA RIM CLAMPS ALIGN AND REFORM HIGH TENSILE STRENGTH X65, X70 AND X80 PIPE WITH WALL THICKNESSES UP TO 1 3/8" (35 MM). CAPABLE OF REFORMING PIPE WITH AN OUT-OF-ROUND CONDITION OF UP TO 2" (51 MM), THIS CLAMP'S PERFORMANCE COMES FROM THE HEAVY-DUTY OVAL SHAPED SIDE PLATES, LATCHING MECHANISM, AND FLIP-UP JACKBARS FOR MATING PIPES AND FITTINGS. THE MEGA RIM'S HINGED FLIP-UP JACKBARS ARE PRECISELY POSITIONED ON THE CLAMP SO THEY CAN BE BE ROTATED AWAY FROM THE PRIMARY PIPE FOR INSERTION OF THE MATING PIPE, VALVE OR FITTING AND TO FACILITATE WELDING AND GRINDING. THE INDEPENDENT PIVOTING PADS OF THE JACKSCREWS COMPENSATE FOR UNEVEN PIPE SURFACES. TO AVOID THE RISK OF CONTAMINATION, ALL SURFACES OF THE MEGA RIM CLAMP THAT CONTACT THE PIPE ARE MADE OF STAINLESS STEEL.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILTY RAPIDLY DECREASES

Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-5056M

PIPE SIZE RANGE IN (MM): 50-56 / 1270-1422

FEATURES:

EXTREME CAPACITY: REFORMS EVEN HIGH TENSILE STRENGTH PIPE

ACCURATE: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

VERSATILE: ALLOWS FOR 100% WELD AND GRIND WITHOUT RELEASING CLAMP PRESSURE

SHIPPING WEIGHT 100 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12" (102 - 305)	14"-24" (356 - 610)	26"-30" (660 - 762)	32"-48" (813 - 1289)	50"-60" (1270 - 1524)	62"-72" (1575 - 1829)
			Pipe Wall Thickness in (mm)					
Mega Rim	45,000	310	1/2" (11)	3/4" (19)	1" (25)	1-1/8" (29)	1-1/4" (32)	1-3/8" (35)
	65,000	448	7/16" (11)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)	1-3/8" (35)
	70,000	483	3/8" (10)	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/4" (32)
	80,000	552	3/8" (10)	1/2" (13)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)

MATHEY DEARMAN D711-5460M



MATHEY DEARMAN MEGA RIM CLAMP

FOR REFORMING HIGH TENSILE STRENGTH PIPE, THERE IS NOTHING LIKE A MATHEY DEARMAN MEGA RIM CLAMP. OUR MEGA RIM CLAMPS ALIGN AND REFORM HIGH TENSILE STRENGTH X65, X70 AND X80 PIPE WITH WALL THICKNESSES UP TO 1 3/8" (35 MM). CAPABLE OF REFORMING PIPE WITH AN OUT-OF-ROUND CONDITION OF UP TO 2" (51 MM), THIS CLAMP'S PERFORMANCE COMES FROM THE HEAVY-DUTY OVAL SHAPED SIDE PLATES, LATCHING MECHANISM, AND FLIP-UP JACKBARS FOR MATING PIPES AND FITTINGS. THE MEGA RIM'S HINGED FLIP-UP JACKBARS ARE PRECISELY POSITIONED ON THE CLAMP SO THEY CAN BE ROTATED AWAY FROM THE PRIMARY PIPE FOR INSERTION OF THE MATING PIPE, VALVE OR FITTING AND TO FACILITATE WELDING AND GRINDING. THE INDEPENDENT PIVOTING PADS OF THE JACKSCREWS COMPENSATE FOR UNEVEN PIPE SURFACES. TO AVOID THE RISK OF CONTAMINATION, ALL SURFACES OF THE MEGA RIM CLAMP THAT CONTACT THE PIPE ARE MADE OF STAINLESS STEEL.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILITY RAPIDLY DECREASES

Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-5460M

PIPE SIZE RANGE IN (MM): 54-60 / 1372-1524

FEATURES:

EXTREME CAPACITY: REFORMS EVEN HIGH TENSILE STRENGTH PIPE

ACCURATE: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

VERSATILE: ALLOWS FOR 100% WELD AND GRIND WITHOUT RELEASING CLAMP PRESSURE

SHIPPING WEIGHT 100 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12" (102 - 305)	14"-24" (356 - 610)	26"-30" (660 - 762)	32"-48" (813 - 1289)	50"-60" (1270 - 1524)	62"-72" (1575 - 1829)
			Pipe Wall Thickness in (mm)					
Mega Rim	45,000	310	1/2" (11)	3/4" (19)	1" (25)	1-1/8" (29)	1-1/4" (32)	1-3/8" (35)
	65,000	448	7/16" (11)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)	1-3/8" (35)
	70,000	483	3/8" (10)	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/4" (32)
	80,000	552	3/8" (10)	1/2" (13)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)

MATHEY DEARMAN D711-6268M



MATHEY DEARMAN MEGA RIM CLAMP

FOR REFORMING HIGH TENSILE STRENGTH PIPE, THERE IS NOTHING LIKE A MATHEY DEARMAN MEGA RIM CLAMP. OUR MEGA RIM CLAMPS ALIGN AND REFORM HIGH TENSILE STRENGTH X65, X70 AND X80 PIPE WITH WALL THICKNESSES UP TO 1 3/8" (35 MM). CAPABLE OF REFORMING PIPE WITH AN OUT-OF-ROUND CONDITION OF UP TO 2" (51 MM), THIS CLAMP'S PERFORMANCE COMES FROM THE HEAVY-DUTY OVAL SHAPED SIDE PLATES, LATCHING MECHANISM, AND FLIP-UP JACKBARS FOR MATING PIPES AND FITTINGS. THE MEGA RIM'S HINGED FLIP-UP JACKBARS ARE PRECISELY POSITIONED ON THE CLAMP SO THEY CAN BE ROTATED AWAY FROM THE PRIMARY PIPE FOR INSERTION OF THE MATING PIPE, VALVE OR FITTING AND TO FACILITATE WELDING AND GRINDING. THE INDEPENDENT PIVOTING PADS OF THE JACKSCREWS COMPENSATE FOR UNEVEN PIPE SURFACES. TO AVOID THE RISK OF CONTAMINATION, ALL SURFACES OF THE MEGA RIM CLAMP THAT CONTACT THE PIPE ARE MADE OF STAINLESS STEEL.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILITY RAPIDLY DECREASES

Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-6268M

PIPE SIZE RANGE IN (MM): 62-68 / 1575-1727

FEATURES:

EXTREME CAPACITY: REFORMS EVEN HIGH TENSILE STRENGTH PIPE

ACCURATE: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

VERSATILE: ALLOWS FOR 100% WELD AND GRIND WITHOUT RELEASING CLAMP PRESSURE

SHIPPING WEIGHT 100 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12" (102 - 305)	14"-24" (356 - 610)	26"-30" (660 - 762)	32"-48" (813 - 1289)	50"-60" (1270 - 1524)	62"-72" (1575 - 1829)
			Pipe Wall Thickness in (mm)					
Mega Rim	45,000	310	1/2" (11)	3/4" (19)	1" (25)	1-1/8" (29)	1-1/4" (32)	1-3/8" (35)
	65,000	448	7/16" (11)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)	1-3/8" (35)
	70,000	483	3/8" (10)	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/4" (32)
	80,000	552	3/8" (10)	1/2" (13)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)

MATHEY DEARMAN D711-6672M



MATHEY DEARMAN MEGA RIM CLAMP

FOR REFORMING HIGH TENSILE STRENGTH PIPE, THERE IS NOTHING LIKE A MATHEY DEARMAN MEGA RIM CLAMP. OUR MEGA RIM CLAMPS ALIGN AND REFORM HIGH TENSILE STRENGTH X65, X70 AND X80 PIPE WITH WALL THICKNESSES UP TO 1 3/8" (35 MM). CAPABLE OF REFORMING PIPE WITH AN OUT-OF-ROUND CONDITION OF UP TO 2" (51 MM), THIS CLAMP'S PERFORMANCE COMES FROM THE HEAVY-DUTY OVAL SHAPED SIDE PLATES, LATCHING MECHANISM, AND FLIP-UP JACKBARS FOR MATING PIPES AND FITTINGS. THE MEGA RIM'S HINGED FLIP-UP JACKBARS ARE PRECISELY POSITIONED ON THE CLAMP SO THEY CAN BE BE ROTATED AWAY FROM THE PRIMARY PIPE FOR INSERTION OF THE MATING PIPE, VALVE OR FITTING AND TO FACILITATE WELDING AND GRINDING. THE INDEPENDENT PIVOTING PADS OF THE JACKSCREWS COMPENSATE FOR UNEVEN PIPE SURFACES. TO AVOID THE RISK OF CONTAMINATION, ALL SURFACES OF THE MEGA RIM CLAMP THAT CONTACT THE PIPE ARE MADE OF STAINLESS STEEL.

WARNING:
CONTACT US OR MATHEY DEARMAN WHEN PIPE IS CLAD WITH MATERIALS SUCH AS ICONEL OR TITANIUM. AS TEMPERATURES FALL BELOW 0 DEGREES FARENHEIT (-18 CELCIUS), REFORMING CAPABILTY RAPIDLY DECREASES

Technical specifications

ALIGN & REFORM PIPE

MODEL: D711-6672M

PIPE SIZE RANGE IN (MM): 66-72 / 1676-1829

FEATURES:

EXTREME CAPACITY: REFORMS EVEN HIGH TENSILE STRENGTH PIPE

ACCURATE: CORRECTS OUT-OF-ROUND CONDITIONS UP TO 2" (51 MM)

VERSATILE: ALLOWS FOR 100% WELD AND GRIND WITHOUT RELEASING CLAMP PRESSURE

SHIPPING WEIGHT 100 KG

Reforming Capability - Maximum Wall Thickness for Specified Material Tensile Strength

Clamp Type	Pipe Tensile Strength		Pipe Diameter in (mm)					
	PSI	MPA	4"-12" (102 - 305)	14"-24" (356 - 610)	26"-30" (660 - 762)	32"-48" (813 - 1289)	50"-60" (1270 - 1524)	62"-72" (1575 - 1829)
			Pipe Wall Thickness in (mm)					
Mega Rim	45,000	310	1/2" (11)	3/4" (19)	1" (25)	1-1/8" (29)	1-1/4" (32)	1-3/8" (35)
	65,000	448	7/16" (11)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)	1-3/8" (35)
	70,000	483	3/8" (10)	1/2" (13)	3/4" (19)	7/8" (22)	1" (25)	1-1/4" (32)
	80,000	552	3/8" (10)	1/2" (13)	5/8" (16)	3/4" (19)	1" (25)	1-1/8" (29)

VAF-300 12" MINIVEYOR FAN



Technical specifications

MODEL VAF-300

AIR FLOW - M ³ /HR	3400
- CFM	2000
POWER:	1 HP
INPUT VOLTAGE:	240 VOLT
CURRENT (AMPS)	4.9 AMPS
HEIGHT:	540 MM
LENGTH:	440 MM
WIDTH:	360 MM
WEIGHT:	15 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

FLEXIBLE DUCTING 300 MM DIAMETER 7.5 MTR

VAF-300 SERIES BLOWERS CAN BE EASILY STACKED ON TOP OF ONE ANOTHER FOR BOTH STORAGE AND OPERATION (UP TO 3 HIGH) GIVING MAXIMUM AIRFLOW FROM MINIMUM FLOOR SPACE. YOU CAN USE THE VAF-300 WITH UP TO 3 LENGTHS OF OUR 7.5M (25FT) DUCTING.

NOTE* THE VAF-300 VENTILATOR IS FOR USE IN NON-EXPLOSIVE AND NON-FLAMMABLE ENVIRONMENTS ONLY

VAF FANS & BLOWERS

MINIVEYOR AIR VAF-300 PORTABLE VENTILATORS ARE BUILT TO PROVIDE MAXIMUM POWER WHERE IT IS NEEDED AND IS THE IDEAL CONFINED SPACE EXHAUST FAN FOR WELDING FUME REMOVAL, CONCRETE CUTTING OR DEMOLITION. IT IS ALSO A GREAT BLOWER DURING REMEDIATION WORK FOLLOWING FLOODING TO DRY OUT BUILDINGS. THE VAF-300 VANE AXIAL FAN, IS THE PROFESSIONAL CHOICE FOR CONSTRUCTION SITE WORK AND IS AVAILABLE IN EITHER 110V OR 230V. IT WORKS ON POSITIVE AND NEGATIVE AIRFLOW AND IS AT HOME EITHER EXTRACTING DUST AND FUMES OR BLOWING CLEAN AIR INTO A WORKSPACE.

NOTE - THIS FILTER MUST NOT BE USED FOR ASBESTOS

VAF-400 16" MINIVEYOR FAN



Technical specifications

MODEL VAF-400

AIR FLOW - M ³ /HR	7500
- CFM	4450
POWER:	1 HP
INPUT VOLTAGE:	240 VOLT
CURRENT (AMPS)	7.2 AMPS
HEIGHT:	560 MM
LENGTH:	430 MM
WIDTH:	540 MM
WEIGHT:	20 KG

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

FLEXIBLE DUCTING 400 MM DIAMETER 7.5 MTR

THE MINIVEYOR AIR VAF-400 PORTABLE EXHAUST BLOWER IS IDEAL FOR A WIDE RANGE OF INDUSTRIAL APPLICATIONS AND PROVIDES FLEXIBILITY, VERSATILITY AND DURABILITY AND IS PERFECT FOR USE IN MANY DIFFERENT ENVIRONMENTS INCLUDING-

- WELDING FUME EXTRACTION
- FORCED AIR DRYING.
- COOLING.
- MANHOLE AND SEWER WORK.
- CONFINED SPACE / CRAWL SPACE VENTILATION.

NOTE* THE VAF-400 VENTILATOR IS FOR USE IN NON-EXPLOSIVE AND NON-FLAMMABLE ENVIRONMENTS ONLY

VAF FANS & BLOWERS

THE MINIVEYOR AIR VAF-400 PORTABLE EXHAUST BLOWER PACKS A BIG PUNCH, DELIVERING A MASSIVE 7500 M³ PER HOUR. AVAILABLE IN EITHER 110V OR 230V, THE RUGGED, 2ND GENERATION DESIGN, VAF-400 VANE AXIAL FAN PROVIDES MAXIMUM AIRFLOW WHEN IT IS NEEDED. THE MONO PHASE BLOWER DRAWS A SURPRISINGLY LOW CURRENT COMPARED TO IT'S PERFORMANCE, MAKING IT A PRACTICAL SOLUTION FOR EITHER CONFINED SPACE VENTILATION AND WELDING FUME EXTRACTION, FRESH AIR BLOWER AND PERSONNEL COOLER

When you need to move large volumes of air...

THE FAN BODY IS MADE FROM A DUAL WALL POLYTHENE ROTATIONAL MOULDING WHICH ALLOWS IT TO WITHSTAND THE KNOCKS AND BLOWS NORMALLY FOUND IN INDUSTRIAL USE. IT CAN OUT PERFORM CONVENTIONAL METAL BODIED FANS SEVERAL TIMES OVER

WELDSTAR 500 KG POSITIONER



Technical specifications

MODEL HB-5

LOAD CAPACITY:	500 KG
WORKING TABLE DIA:	800MM
ROTATING SPEED(R/MIN)	0.16-1.6
TILTING SPEED(R/MIN)	0.61
TILTING ANGLE:	120 DEG
DIMENSION HEIGHT:	800 MM
LENGTH:	1000 MM
WIDTH:	820MM
WEIGHT:	600 KG
INPUT VOLTAGE:	415 VOLT

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

3 JAW CHUCK -50- 200 MM

FOOT PEDAL

WELDING POSITIONERS ARE USED FOR DIVERSE APPLICATIONS RANGING FROM PIPE SPOOLING TO POSITIONING OF LARGE CUMBERSOME PARTS OR STRUCTURAL STEEL. WELDING POSITIONERS GREATLY ENHANCE PRODUCTIVITY WHEN WELDING PIPE, SHAFTS, WHEELS, ELBOWS AND OTHER FITTINGS. ALONG WITH WELDING TURNABLES, PIPE TURNING POSITIONERS ARE PARTICULARLY USEFUL WHEN ROTATING OR POSITIONING WORKPIECES WITH LARGE OFFSET LOADS.

AUTOMATION POSITIONERS

HB SERIES OF WELDING POSITIONER ARE ELECTRIC-MECHANICAL EFFICIENT EQUIPMENT FOR AUTOMATIC WELDING. USED IN AUTOMATIC WELDING OF REVOLVING WORK-PIECES SUCH AS PIPE, DISCS, CYLINDERS ETC.

WELDSTAR 1000 KG POSITIONER



AUTOMATION POSITIONERS

HB SERIES OF WELDING POSITIONER ARE ELECTRIC-MECHANICAL EFFICIENT EQUIPMENT FOR AUTOMATIC WELDING. USED IN AUTOMATIC WELDING OF REVOLVING WORK-PIECES SUCH AS PIPE, DISCS, CYLINDERS ETC.

Technical specifications

MODEL HB-10

LOAD CAPACITY:	1000 KG
WORKING TABLE DIA:	1200MM
ROTATING SPEED(R/MIN)	0.054-0.54
TILTING SPEED(R/MIN)	0.39
TILTING ANGLE:	120 DEG
DIMENSION HEIGHT:	955 MM
LENGTH:	1500 MM
WIDTH:	1020 MM
WEIGHT:	1300 KG
INPUT VOLTAGE:	415 VOLT

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

3 JAW CHUCK -80-280 MM

FOOT PEDAL

WELDING POSITIONERS ARE USED FOR DIVERSE APPLICATIONS RANGING FROM PIPE SPOOLING TO POSITIONING OF LARGE CUMBERSOME PARTS OR STRUCTURAL STEEL. WELDING POSITIONERS GREATLY ENHANCE PRODUCTIVITY WHEN WELDING PIPE, SHAFTS, WHEELS, ELBOWS AND OTHER FITTINGS. ALONG WITH WELDING TURNTABLES, PIPE TURNING POSITIONERS ARE PARTICULARLY USEFUL WHEN ROTATING OR POSITIONING WORKPIECES WITH LARGE OFFSET LOADS.

WELDSTAR 2000 KG POSITIONER



AUTOMATION POSITIONERS

HB SERIES OF WELDING POSITIONER ARE ELECTRIC-MECHANICAL EFFICIENT EQUIPMENT FOR AUTOMATIC WELDING. USED IN AUTOMATIC WELDING OF REVOLVING WORK-PIECES SUCH AS PIPE, DISCS, CYLINDERS ETC.

Technical specifications

MODEL HB-20

LOAD CAPACITY:	2000 KG
WORKING TABLE DIA:	1200MM
ROTATING SPEED(R/MIN)	0.054-0.54
TILTING SPEED(R/MIN)	0.39
TILTING ANGLE:	120 DEG
DIMENSION HEIGHT:	1180 MM
LENGTH:	1800 MM
WIDTH:	1370 MM
WEIGHT:	1800 KG
INPUT VOLTAGE:	415 VOLT

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

3 JAW CHUCK -80-280 MM

FOOT PEDAL

WELDING POSITIONERS ARE USED FOR DIVERSE APPLICATIONS RANGING FROM PIPE SPOOLING TO POSITIONING OF LARGE CUMBERSOME PARTS OR STRUCTURAL STEEL. WELDING POSITIONERS GREATLY ENHANCE PRODUCTIVITY WHEN WELDING PIPE, SHAFTS, WHEELS, ELBOWS AND OTHER FITTINGS. ALONG WITH WELDING TURNTABLES, PIPE TURNING POSITIONERS ARE PARTICULARLY USEFUL WHEN ROTATING OR POSITIONING WORKPIECES WITH LARGE OFFSET LOADS.

TURNING ROLL SET 3 TONNE



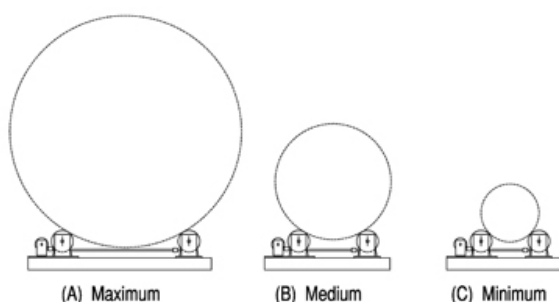
Technical specifications

MODEL	KT3T
STATIC LOAD 1 PF+1 IDLER	3 TONNE
TURN CAP (TORQUE)	3 TONNE
VESSEL DIAM. MIN-MAX (MM)	120-1500
TYRE DIAM. WIDTH	300 X 110 MM
ROTATION SPEED (MM/MIN)	70-1200
DRIVE MODE	SINGLE WHEEL
INPUT VOLTAGE	415 VOLT

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

ADDITIONAL IDLERS

FOOT PEDAL



AUTOMATION TURNING ROLLS

A CONVENTIONAL
WELDING ROTATOR
CONSISTS OF TWO (2)
PARTS;

A MOTORISED DRIVE
(POWER) UNIT

A IDLER SUPPORTING
UNIT.

THE POWER UNIT IS
DRIVEN BY A HEAVY DUTY
GEARED DC OR AC MOTOR
WHICH IS DESIGNED
ACCORDING TO
INTERNATIONALLY PROVEN
SPECIFICATIONS TO
ENSURE CONSTANT SPEED
WITH OUTER BALANCE
LOAD OF 15%.

THE HEAVY DUTY TYRES
ARE DESIGNED TO 85°
DURABLE HARDNESS WITH
HIGH-STRESS RUBBER
CUSHION MOUNTS TO
ABSORB SHOCK LOADS
AND PREVENT GEAR BOX
DAMAGE.

TURNING ROLL SET 5 TONNE

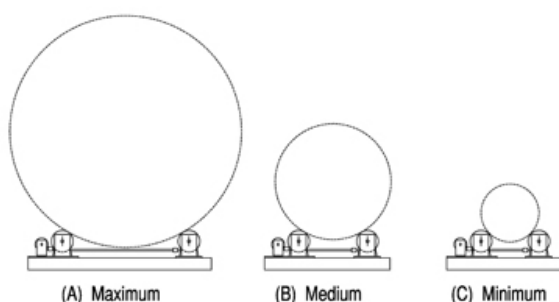


Technical specifications

MODEL	KT5T
STATIC LOAD 1 PF+1 IDLER	5 TONNE
TURN CAP (TORQUE)	5 TONNE
VESSEL DIAM. MIN-MAX (MM)	150-2000
TYRE DIAM. WIDTH	300 X 110 MM
ROTATION SPEED (MM/MIN)	70-1200
DRIVE MODE	SINGLE WHEEL
INPUT VOLTAGE	415 VOLT

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

ADDITIONAL IDLERS
FOOT PEDAL



AUTOMATION TURNING ROLLS

A CONVENTIONAL
WELDING ROTATOR
CONSISTS OF TWO (2)
PARTS;

A MOTORISED DRIVE
(POWER) UNIT

A IDLER SUPPORTING
UNIT.

THE POWER UNIT IS
DRIVEN BY A HEAVY DUTY
GEARED DC OR AC MOTOR
WHICH IS DESIGNED
ACCORDING TO
INTERNATIONALLY PROVEN
SPECIFICATIONS TO
ENSURE CONSTANT SPEED
WITH OUTER BALANCE
LOAD OF 15%.

THE HEAVY DUTY TYRES
ARE DESIGNED TO 85°
DURABLE HARDNESS WITH
HIGH-STRESS RUBBER
CUSHION MOUNTS TO
ABSORB SHOCK LOADS
AND PREVENT GEAR BOX
DAMAGE.

TURNING ROLL SET 10-15 TONNE

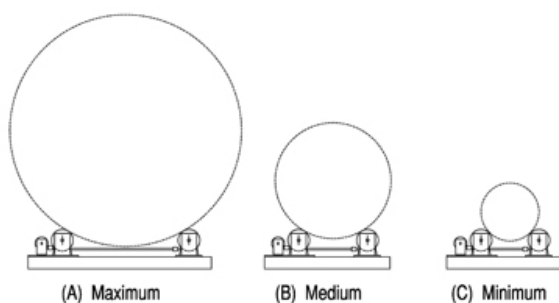


Technical specifications

MODEL	YR15/10
STATIC LOAD 1 PF+1 IDLER	10 TONNE
TURN CAP (TORQUE)	15 TONNE
VESSEL DIAM. MIN-MAX (MM)	120-3200
TYRE DIAM. WIDTH	355 X 177 MM
ROTATION SPEED (MM/MIN)	30-931
DRIVE MODE	SINGLE WHEEL
INPUT VOLTAGE	415 VOLT

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

ADDITIONAL IDLERS
FOOT PEDAL



Model	Vessel Diameter			Wheel Centre		
	Refer to sketch above					
	A	B	C	A	B	C
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
YR15/10	3200	1500	150	1850	950	650

AUTOMATION TURNING ROLLS

A CONVENTIONAL WELDING ROTATOR CONSISTS OF TWO (2) PARTS;

A MOTORISED DRIVE (POWER) UNIT

A IDLER SUPPORTING UNIT.

THE POWER UNIT IS DRIVEN BY A HEAVY DUTY GEARED DC OR AC MOTOR WHICH IS DESIGNED ACCORDING TO INTERNATIONALLY PROVEN SPECIFICATIONS TO ENSURE CONSTANT SPEED WITH OUTER BALANCE LOAD OF 15%.

THE HEAVY DUTY TYRES ARE DESIGNED TO 85° DURABLE HARDNESS WITH HIGH-STRESS RUBBER CUSHION MOUNTS TO ABSORB SHOCK LOADS AND PREVENT GEAR BOX DAMAGE.

THE ADDITION OF 1 EXTRA IDLER INCREASES LOAD CAPACITY TO 15 TONNE

TURNING ROLL SET 20-30 TONNE

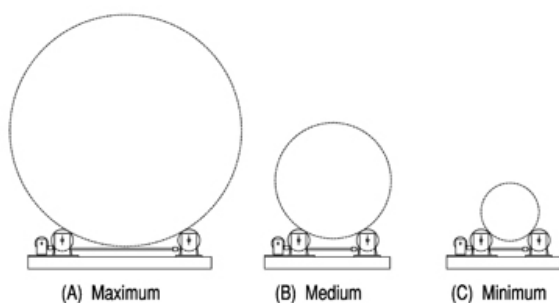


Technical specifications

MODEL	YR30/20
STATIC LOAD 1 PF+1 IDLER	20 TONNE
TURN CAP (TORQUE)	30 TONNE
VESSEL DIAM. MIN-MAX (MM)	250-4500
TYRE DIAM. WIDTH	457 X 177 MM
ROTATION SPEED (MM/MIN)	30-856
DRIVE MODE	SINGLE WHEEL
INPUT VOLTAGE	415 VOLT

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

ADDITIONAL IDLERS
FOOT PEDAL



Model	Vessel Diameter			Wheel Centre		
	Refer to sketch above					
	A	B	C	A	B	C
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
YR30/20	4500	1750	250	1200	950	650

AUTOMATION TURNING ROLLS

A CONVENTIONAL WELDING ROTATOR CONSISTS OF TWO (2) PARTS;

A MOTORISED DRIVE (POWER) UNIT

A IDLER SUPPORTING UNIT.

THE POWER UNIT IS DRIVEN BY A HEAVY DUTY GEARED DC OR AC MOTOR WHICH IS DESIGNED ACCORDING TO INTERNATIONALLY PROVEN SPECIFICATIONS TO ENSURE CONSTANT SPEED WITH OUTER BALANCE LOAD OF 15%.

THE HEAVY DUTY TYRES ARE DESIGNED TO 85° DURABLE HARDNESS WITH HIGH-STRESS RUBBER CUSHION MOUNTS TO ABSORB SHOCK LOADS AND PREVENT GEAR BOX DAMAGE.

THE ADDITION OF 1 EXTRA IDLER INCREASES LOAD CAPACITY TO 30 TONNE

TURNING ROLL SET 30-45 TONNE

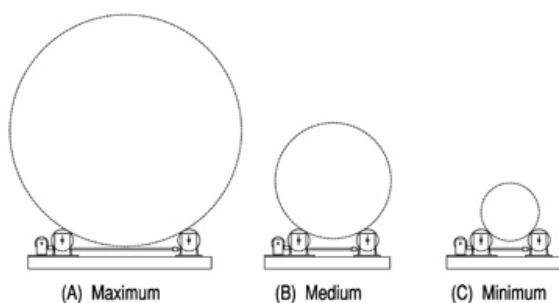


Technical specifications

MODEL	YR45/30
STATIC LOAD 1 PF+1 IDLER	30 TONNE
TURN CAP (TORQUE)	45 TONNE
VESSEL DIAM. MIN-MAX (MM)	746-4500
TYRE DIAM. WIDTH	588 X 177 MM
ROTATION SPEED (MM/MIN)	30-843
DRIVE MODE	SINGLE WHEEL
INPUT VOLTAGE	415 VOLT

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

ADDITIONAL IDLERS
FOOT PEDAL



Model	Vessel Diameter			Wheel Centre		
	Refer to sketch above					
	A	B	C	A	B	C
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
YR45/30	4500	2000	740	2070	1320	950

AUTOMATION TURNING ROLLS

A CONVENTIONAL WELDING ROTATOR CONSISTS OF TWO (2) PARTS;

A MOTORISED DRIVE (POWER) UNIT

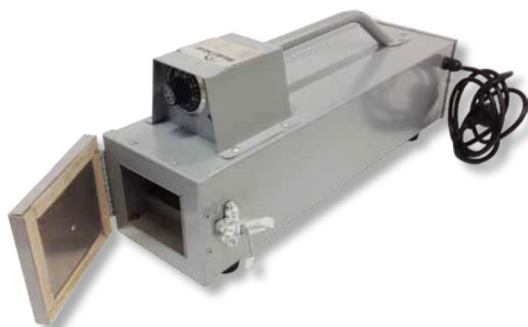
A IDLER SUPPORTING UNIT.

THE POWER UNIT IS DRIVEN BY A HEAVY DUTY GEARED DC OR AC MOTOR WHICH IS DESIGNED ACCORDING TO INTERNATIONALLY PROVEN SPECIFICATIONS TO ENSURE CONSTANT SPEED WITH OUTER BALANCE LOAD OF 15%.

THE HEAVY DUTY TYRES ARE DESIGNED TO 85° DURABLE HARDNESS WITH HIGH-STRESS RUBBER CUSHION MOUNTS TO ABSORB SHOCK LOADS AND PREVENT GEAR BOX DAMAGE.

THE ADDITION OF 1 EXTRA IDLER INCREASES LOAD CAPACITY TO 45 TONNE

ELECTRODE OVEN 5 KG



Technical specifications

MODEL	OVEN5KG
CAPACITY	5 KG
VOLTAGE	240 V
WATTAGE	400W-500W
TEMP RANGE	10-180C
LENGTH	475 MM
WIDTH	100 MM
HEIGHT	75 MM

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

PORTABLE WELDING ELECTRODE OVENS ARE DESIGNED PRIMARILY FOR SHORT-TERM HOLDING, NOT LONG-TERM HOLDING. PORTABLE UNITS ARE COMMONLY USED BY INDIVIDUAL WELDERS IN THE FIELD TO KEEP ELECTRODES DRY AT THE WELDING STATION. TYPICALLY, WELDERS ARE PROVIDED ELECTRODES THAT ARE STORED IN A LARGER, LONG-TERM HOLDING OVEN AT THEIR STORES. THEY LOAD UP THEIR PORTABLE FOR A DAY'S WORK, AND ANY THAT ARE LEFT AT THE END OF THE DAY ARE RETURNED TO THE STORES FOR REBAKING OR LONG TERM STORAGE.

PORTABLE ELECTRODE OVEN

PORTABLE ELECTRODE OVENS KEEP ELECTRODES MOISTURE-FREE FOR OPTIMUM WELD QUALITY AND ELECTRODE PERFORMANCE

LIGHTWEIGHT & PORTABLE

COMMONLY USED WITH LOW-HYDROGEN ELECTRODES, SO THAT LOW-HYDROGEN STATUS IS NOT COMPROMISED THROUGH MOISTURE CONTAMINATION

ELECTRODE OVEN 10 KG



Technical specifications

MODEL	OVEN10KG
CAPACITY	10 KG
VOLTAGE	240 V
WATTAGE	400W-500W
TEMP RANGE	10-180C
LENGTH	475 MM
WIDTH	135 MM
HEIGHT	120 MM

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

PORTABLE WELDING ELECTRODE OVENS ARE DESIGNED PRIMARILY FOR SHORT-TERM HOLDING, NOT LONG-TERM HOLDING. PORTABLE UNITS ARE COMMONLY USED BY INDIVIDUAL WELDERS IN THE FIELD TO KEEP ELECTRODES DRY AT THE WELDING STATION. TYPICALLY, WELDERS ARE PROVIDED ELECTRODES THAT ARE STORED IN A LARGER, LONG-TERM HOLDING OVEN AT THEIR STORES. THEY LOAD UP THEIR PORTABLE FOR A DAY’S WORK, AND ANY THAT ARE LEFT AT THE END OF THE DAY ARE RETURNED TO THE STORES FOR REBAKING OR LONG TERM STORAGE.

PORTABLE ELECTRODE OVEN

PORTABLE ELECTRODE OVENS KEEP ELECTRODES MOISTURE-FREE FOR OPTIMUM WELD QUALITY AND ELECTRODE PERFORMANCE

LIGHTWEIGHT & PORTABLE

COMMONLY USED WITH LOW-HYDROGEN ELECTRODES, SO THAT LOW-HYDROGEN STATUS IS NOT COMPROMISED THROUGH MOISTURE CONTAMINATION

BAKING/STORAGE OVEN 130 KG



Technical specifications

MODEL	WS-150S
CAPACITY	130 KG
VOLTAGE	240 V
WATTAGE	2000W
TEMP RANGE	30-400 C
LENGTH	490 MM
WIDTH	470 MM
HEIGHT	470 MM

STANDARD ACCESSORIES AVAILABLE FOR THIS MACHINE

CALIBRATION CERTIFICATE

FOR SPECIFIC STORAGE AND REBAKE TEMPERATURE GUIDELINES CHECK THE WELDING WITH THE CONSUMABLE MANUFACTURER IT IS ALSO IMPORTANT TO CHECK WELDING CODES AND/OR ASK A WELDING INSPECTOR TO PROVIDE SOME INFORMATION. WELDING STANDARDS CHANGE CHECK THE PACKAGING AND ALSO MANUFACTURER WEBSITES FOR INFORMATION.

BAKING/STORAGE ELECTRODE OVEN

BENCH MOUNTED ELECTRODE OVENS KEEP ELECTRODES MOISTURE-FREE FOR OPTIMUM WELD QUALITY AND ELECTRODE PERFORMANCE

COMMONLY USED WITH LOW-HYDROGEN ELECTRODES, SO THAT LOW-HYDROGEN STATUS IS NOT COMPROMISED THROUGH MOISTURE CONTAMINATION

GENERALLY, THERE ARE TWO PROCESSES INVOLVED WITH THE PROPER MAINTENANCE OF STICK WELDING ELECTRODES:

HOLDING (ALSO CALLED STORING) AND REBAKING (ALSO CALLED RECONDITIONING).

THE HOLDING PROCESS REFERS TO THE SHORT-TERM* OR LONG-TERM** HEATED STORAGE OF WELDING ELECTRODES TO MAINTAIN FACTORY-FRESH DRYNESS.

STORING THE RODS AT ELEVATED TEMPERATURES PREVENTS ATMOSPHERIC MOISTURE CONTAMINATION OF THE ELECTRODE'S HYGROSCOPIC FLUX COATING.

Inch to Millimetre Conversion

INCHES mm		INCHES	mm		
1/64	.0156	.40		.5118	13
	.0197	.5	33/64	.5156	13.10
1/32	.0313	.79	17/32	.5313	13.49
	.0394	1		.5315	13.5
3/64	.0469	1.19	35/64	.5469	13.89
	.0591	1.5		.5512	14
1/16	.0625	1.59	9/16	.5625	14.29
5/64	.0781	1.98		.5709	14.5
	.0787	2	37/64	.5781	14.68
3/32	.0938	2.38		.5906	15
	.0984	2.5	19/32	.5938	15.08
7/64	.1094	2.78	39/64	.6094	15.48
	.1181	3		.6102	15.5
1/8	.1250	3.18	5/8	.6250	15.88
	.1378	3.5		.6299	16
9/64	.1406	3.57	41/64	.6406	16.27
5/32	.1563	3.97		.6496	16.5
	.1575	4	21/32	.6563	16.67
11/64	.1719	4.37		.6693	17
	.1772	4.5	43/64	.6719	17.07
3/16	.1875	4.76	11/16	.6875	17.46
	.1969	5		.6890	17.5
13/64	.1969	5.16	45/64	.7031	17.86
	.2031	5.5		.7087	18
7/32	.2188	5.56	23/32	.7188	18.26
15/64	.2344	5.95		.7283	18.5
	.2362	6	47/64	.7344	18.65
1/4	.2500	6.35		.7480	19
	.2559	6.5	3/4	.7500	19.05
17/64	.2656	6.75	49/64	.7656	19.45
	.2756	7		.7677	19.5
9/32	.2813	7.14	25/32	.7813	19.84
	.2953	7.5		.7874	20
19/64	.2969	7.54	51/64	.7969	20.24
5/16	.3125	7.94		.8071	20.5
	.3150	8	13/16	.8125	20.64
21/64	.3281	8.33		.8268	21
	.3346	8.5	53/64	.8281	21.03
11/32	.3438	8.73	27/32	.8438	21.43
	.3543	9		.8465	21.5
23/64	.3594	9.13	55/64	.8594	21.83
	.3740	9.5		.8661	22
3/8	.3750	9.53	7/8	.8750	22.23
25/64	.3906	9.92		.8858	22.5
	.3937	10	57/64	.8906	22.62
13/32	.4063	10.32		.9055	23
	.4134	10.5	29/32	.9063	23.02
27/64	.4219	10.72	59/64	.9219	23.42
	.4331	11		.9252	23.5
7/16	.4375	11.11	15/16	.9375	23.81
	.4528	11.5		.9449	24
29/64	.4531	11.51	61/64	.9531	24.21
15/32	.4688	11.91		.9646	24.5
	.4724	12	31/32	.9688	24.61
31/64	.4844	12.30		.9843	25
	.4921	12.5	63/64	.9844	25
1/2	.5000	12.7		1.0000	25.4

NO MATTER WHAT YOUR LOCATION...



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