

MEGAMC® 824 SERIES 2

8" IPS - 24" OD (225MM - 630MM)



MADE FOR
UNDERGROUND
CONSTRUCTION



STANDARD FEATURES

- ✓ Patented Centerline Guidance System for equal distribution of force around the joint
- ✓ Industry standard semi-automatic hydraulic control system
- ✓ ISO-compliant industrial Teflon-coated plates
- ✓ Advanced blade design for smooth face and long life
- ✓ Heater and facer can be easily converted to top loading for confined spaces
- ✓ Rugged outriggers for stability
- ✓ Removable heater, facer and 4- or 3-jaw carriage for in-ditch use
- ✓ Standard Hydraulic Clamping
- ✓ Dual hydraulic pipe lifts aid in loading and unloading pipe
- ✓ Serrated jaws and inserts keep pipe from slipping during fusion
- ✓ Hydraulic pivoting heater and facer
- ✓ Heater element failure detection
- ✓ Remote motor start/stop capabilities
- ✓ DataLogger® compatible
- ✓ Powerful hydraulic facer for facing the toughest pipe with ease
- ✓ Hard-anodized aluminum wear surfaces for corrosion resistance

ABOUT MEGAMC

McElroy's MegaMc® machine line features a revolutionary mix of muscle and versatility. These machines were the first to introduce the flexibility of McElroy's small-diameter fusion machines to large-diameter fusion. Rugged and tough, the MegaMc line is designed to meet the demands of jobsites worldwide and are equally capable of performing quality fusions in the ditch and in close quarters. MegaMc machines are available in a variety of cylinder forces to meet jobsite needs.

For portability and convenience on large-diameter pipeline jobsites, MegaMc carriages are mounted on a wheeled chassis and are easily towable to the fusion area. During the fusion process, the machine remains stationary as sticks of pipe are fused and pulled through. All fusion functions are powered smoothly by hydraulics, including the clamping and unclamping of the jaws and facing of the pipe ends. As an added benefit, hydraulic pipe lifts aid in loading and unloading pipe from the machine.

MegaMcs are compatible with McElroy's DataLogger®, which tracks and documents pertinent fusion data for an added level of quality assurance and record-keeping.

MEGAMC 824 SERIES 2

The MegaMc 824 Series 2 was the first machine of its size to feature a removable carriage that converts from four to three jaws for in-ditch, close-quarter work. Designed to fuse pipe from 8" IPS to 24" OD (225mm to 630mm) the machine's hydraulic pivoting heater and facer can also be easily converted to a top-loading orientation for confined spaces.

Further boosting productivity and quality control, the MegaMc 824 Series 2 also features remote motor start and stop capabilities, along with heater element failure detection and corrosion-resistant aluminum wear surfaces.

ADDITIONAL IMAGES



SEE SECOND PAGE FOR DETAILED SPECIFICATIONS

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DataLogger
COMPATIBLE



McELROY

MEGAMC® 824 SERIES 2

8" IPS - 24" OD (225MM - 630MM)

SPECIFICATIONS

MODELS		ENGINE		MACHINE DIMENSIONS	
A2474801	High Force, 240V	Engine Horse Power	20 HP	Machine Length	134" (3,403.6mm)
A2474804	High Force, 415V	Engine Fuel Type	Electric	Machine Width	85" (2,159mm)
A2474802	Medium Force, 240V			Machine Height	69" (1,752.6mm)
A2474805	Medium Force, 415V	POWER		CARRIAGE DIMENSIONS	
A2474803	Low Force, 240V	Minimum Power Requirements	29.8 kVA / 28.1 kW	Length	4-Jaw - 116.2" (2,951.5mm) 3-Jaw - 60.7" (1,541.8 mm)
A2474806	Low Force, 415V	240V Heater	220-240V, 10,950 Watts, 50 / 60 Hz, 3 Ph	Width	4-Jaw - 68.3" (1,734.8mm) 3-Jaw - 53.5" (1,358.9mm)
WEIGHTS		380-415V Heater	380-415V, 10,950 Watts, 50 Hz, 3 Ph	Height	4-Jaw - 54.3" (1,379.2mm) 3-Jaw - 40.7" (1,033.8mm)
Machine	6,000 lbs. (2,721.6 Kg)	Facer	Hydraulic	SHIPPING DIMENSIONS	
Vehicle	2,115 lbs. (959.3 Kg)	240V Input Voltage Requirements	220-240V, 50 / 60 Hz, 3 Ph	Length	138" (3,505.2 mm)
Carriage	4-Jaw - 3,885 lbs. (1,762.2 Kg) 3-Jaw - 1,412 lbs. (640.5 Kg)	415V Input Voltage Requirements	380-415V, 50 / 60 Hz, 3 Ph	Width	83" (2,108.2 mm)
Spreader Bar	220 lbs. (99.8 Kg)	Shipping Weight	6,090 lbs. (2,762.4 Kg)	Height	72" (1,828.8 mm)
Heater	240 lbs. (108.9 Kg)			INCLUDES	
Facer	390 lbs. (176.9 Kg)	Plug type	100A, 3 Pole, 4 Wire Pin and Sleeve	Fusion machine, facer, heater, 24" OD butt fusion inserts and lifting assembly.	
HYDRAULICS		Plug type	125A, 4 Pole, 5 Wire Pin and Sleeve		
System Pressure	2,300 PSI (158.6 BAR)	CHASSIS			
Fusion Pressure	2,300 PSI (158.6 BAR)	Frame	Welded steel construction		
Hydraulic Reservoir Capacity	28 Gallons (106 Liters)	Brake	Mechanical		
		MOBILITY			
		Mobility Type	Tires - 6.90 - 9NHS, 75 PSI Max.		
		Transportation	Pulled via towing ring		
		Lifting	Lift points and lifting assembly		