

MEGAMC® 1236 SERIES 2

12" IPS - 36" OD (340MM - 900MM)



MADE FOR
UNDERGROUND
CONSTRUCTION



STANDARD FEATURES

- ✓ Patented Centerline Guidance System for equal distribution of force around the joint
- ✓ Original industry standard for hydraulic control systems
- ✓ 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
- ✓ DataLogger® compatible
- ✓ Removable heater, facer and 4- or 3-jaw carriage for in-ditch use
- ✓ 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

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.

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Designed to fuse pipe from 12" IPS to 36" OD (340mm to 900mm), the MegaMc 1236 Series 2 features a removable carriage that converts from four to three jaws for in-ditch, close-quarter work. 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 1236 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® 1236 SERIES 2

12" IPS - 36" OD (340MM - 900MM)

SPECIFICATIONS

MODELS		ENGINE		MACHINE DIMENSIONS		
A3670101	High Force, 240V	Engine Horse Power	20 HP	Machine Length	134" (3,403.6mm)	
A3670104	High Force, 415V	Engine Fuel Type	Electric	Machine Width	85" (2,159mm)	
A3670102	Medium Force, 240V			Machine Height	80" (2,032mm)	
A3670105	Medium Force, 415V	POWER		Heater Extended Width	121" (3,073.4mm)	
A3670103	Low Force, 240V			Heater Extended Height	101" (2,565.4mm)	
A3670106	Low Force, 415V	Minimum Power Requirements	39.4 kVA / 37.7 kW	CARRIAGE DIMENSIONS		
WEIGHTS		Heater	220-240V, 20,499 Watts, 50 / 60 Hz, 3 Ph			
		Machine	6,885 lbs. (3,123 Kg)	Facer	Hydraulic	Length
Vehicle	2,115 lbs. (959.3 Kg)	240V Input Voltage Requirements	220-240V, 50 / 60 Hz, 3 Ph	Width	4-Jaw - 68.4" (1,737.4mm) 3-Jaw - 61.3" (1,557mm)	
Carriage	4-Jaw - 4,770 lbs. (2,163.6 Kg) 3-Jaw - 1,745 lbs. (791.5 Kg)	415V Input Voltage Requirements	380-415V, 50 / 60 Hz, 3 Ph	Height	4-Jaw - 63.1" (1,602.7mm) 3-Jaw - 49.1" (1,247.1mm)	
Spreader Bar	220 lbs. (99.8 Kg)	Plug type	100A, 3 Pole, 4 Wire Pin and Sleeve	SHIPPING DIMENSIONS		
Heater	382 lbs. (173.3 Kg)	CHASSIS				
Facer	480 lbs. (217.7 Kg)			Frame	Welded steel construction	
Shipping Weight	6,925 lbs. (3,141.1 Kg)	Brake	Mechanical	Length	138" (3,505.2 mm)	
HYDRAULICS		MOBILITY		Width	83" (2,108.2 mm)	
				Height	85" (2,159 mm)	
System Pressure	2,300 PSI (158.6 BAR)	INCLUDES		Fusion machine, facer, heater and lifting assembly.		
Fusion Pressure	2,300 PSI (158.6 BAR)					
Hydraulic Reservoir Capacity	28 Gallons (106 Liters)	Mobility Type	Tires - 6.90 - 9NHS, 75 PSI Max.			
		Transportation	Pulled via towing ring			
		Lifting	Lift points and lifting assembly			