

# MEGAMC® 1236 SERIES 2

12" IPS - 36" OD (315MM - 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

The McElroy MegaMc® fusion machines are a revolutionary mix of muscle and versatility. They were the first large-diameter machines that brought the flexibility of the small-diameter machines to large-diameter fusion. Rugged and tough, they are designed to meet the demands of jobsites worldwide and are equally capable of performing quality fusions in the ditch and in close quarters.

The MegaMc carriages are mounted on a wheeled chassis for portability and convenience on large-diameter pipeline jobsites. Easily towable to the fusion area, they remain stationary as sticks of pipe are fused and pulled through.

All of the fusion functions on the MegaMcs are powered smoothly by hydraulics including the clamping and unclamping of the jaws and the fast and efficient facing of the pipe ends. Hydraulic pipe lifts aid in loading and unloading pipe from the machine.

The MegaMcs are compatible with the McElroy DataLogger®, which records and documents the entire fusion process. Joint records are used to verify that proper fusion procedures have been followed prior to installation and can be stored and analyzed in the Vault™, a secure server on the internet.

Pipe type, job requirements and fusion standards are all important aspects of planning a fusion job. The MegaMcs are available in a variety of cylinder forces to meet your jobsite needs.

## MEGAMC 1236 SERIES 2

The MegaMc 1236 Series 2 will butt fuse pipe sizes from 12" IPS to 36" OD (340mm to 900mm). A removable carriage converts from 4 to 3 jaws for in-ditch, close-quarter work. The heater and facer can also be easily converted to a top-loading orientation for confined spaces. The carriage features improved hydraulic and electric connectors that are interchangeable with the TracStar® 630 and 900 Series 2 machines. This versatility allows operators to mount the carriage on a rolling or tracked vehicle.

## ADDITIONAL IMAGES



DataLogger  
COMPATIBLE

# MEGAMC® 1236 SERIES 2

12" IPS - 36" OD (315MM - 900MM)

## SPECIFICATIONS

MODELS		ENGINE		MACHINE DIMENSIONS	
<a href="#">A3670101</a>	High Force, 240V	Engine Horse Power	20 HP	Machine Length	134" (3,403.6mm)
<a href="#">A3670104</a>	High Force, 415V	Engine Fuel Type	Electric	Machine Width	85" (2,159mm)
<a href="#">A3670102</a>	Medium Force, 240V			Machine Height	80" (2,032mm)
<a href="#">A3670105</a>	Medium Force, 415V			Heater Extended Width	121" (3,073.4mm)
				Heater Extended Height	101" (2,565.4mm)
WEIGHTS		POWER		CARRIAGE DIMENSIONS	
Machine	6,885 lbs. (3,123 Kg)	Minimum Power Requirements	39.4 kVA / 37.7 kW	Length	<b>4-Jaw</b> - 116.2" (2,951.5mm) <b>3-Jaw</b> - 61" (1,549.4 mm)
Vehicle	2,115 lbs. (959.3 Kg)	Output Power	50 / 60 Hz, 3 Ph, 39.4 kVA	Width	<b>3-Jaw</b> - 61.3" (1,557mm) <b>4-Jaw</b> - 68.4" (1,737.4mm)
Carriage	<b>3-Jaw</b> - 1,745 lbs. (791.5 Kg) <b>4-Jaw</b> - 4,770 lbs. (2,163.6 Kg)	Heater	220-240V, 20,499 Watts, 50 / 60 Hz, 3 Ph	Height	<b>3-Jaw</b> - 49.1" (1,247.1mm) <b>4-Jaw</b> - 63.1" (1,602.7mm)
Spreader Bar	175 lbs. (79.4 Kg)	High Force, 240V Input Voltage Requirements	220-240V, 50 / 60 Hz, 3 Ph		
Heater	382 lbs. (173.3 Kg)	High Force, 415V Input Voltage Requirements	380-415V, 50 / 60 Hz, 3 Ph	SHIPPING DIMENSIONS	
Facer	480 lbs. (217.7 Kg)			Length	138" (3,505.2 mm)
Shipping Weight	6,925 lbs. (3,141.1 Kg)	Plug type	100A, 3 Pole, 4 Wire Pin and Sleeve	Width	83" (2,108.2 mm)
HYDRAULICS		Facer	Hydraulic	Height	85" (2,159 mm)
System Pressure	2,300 PSI (158.6 BAR)	CHASSIS		INCLUDES	
Fusion Pressure	2,300 PSI (158.6 BAR)	Frame	Welded steel construction	Fusion machine, facer, heater and lifting assembly.	
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		