

ROLLING 412

200MM - 315MM (8" - 12")



MADE FOR

MECHANICAL
HVAC
PLUMBING



ABOUT ROLLING MACHINES

The McElroy Rolling machines staked their claim as the industry standard when they were first introduced in 1975. Their rugged quality construction opened the door to the most extensive line of fusion machines on the market.

The versatility of the Rolling machines helps meet the challenges operators face on polypropylene pipe applications. Wheeled for easy maneuvering and portability on the job, they can be towed to each fusion area where they remain stationary as sticks of pipe are fused and pulled through. They feature a 4-jaw carriage that is easily removable for close-quarter fusions, and on tight installations, the outer fixed jaw and skid can be removed from the carriage converting it to an even more compact 3-jaw unit.

The Rolling machines are compatible with the McElroy DataLogger® to verify that proper fusion procedures have been followed prior to installation. Joint records from the DataLogger can be stored and analyzed in the Vault™, a secure server on the internet. This allows quick and easy sorting, tagging sharing of joint records by machine, joint, operator, device or job.

ROLLING 412

The Rolling 412 changed the industry when it was introduced as the first, fully self-contained fusion machine in the world. It fuses 200mm to 315mm (8" to 12") polypropylene pipe and is available with gas or electric power. These options allow contractors to choose their preferred power source and meet the specific requirements of each jobsite. The gas models offer a self-contained unit with an on-board generator and 120V and 240V receptacles. The electric models require a power source from either a separate generator or an indoor outlet and since they don't produce fumes, they are a great option on indoor polypropylene pipe installations. A Hydraulic Clamping Kit is also available.

ADDITIONAL IMAGES



STANDARD FEATURES

- ✓ McElroy's patented Center Line Guidance system delivers equal distribution of force around the pipe ends
- ✓ Industry-leading semi-automatic hydraulic control system
- ✓ Easily configurable 3- or 4-jaw carriage
- ✓ Powerful hydraulic pipe lift
- ✓ DataLogger® compatible
- ✓ Hard anodized aluminum wear surfaces for durability and corrosion resistance
- ✓ Thrust-bearing-equipped clamp knobs, serrated jaws and inserts, minimize clamping force required to prevent slippage during the fusion process
- ✓ Powerful hydraulic facer for facing the toughest pipe with ease
- ✓ Advanced blade design for smooth faceoff and long blade life
- ✓ Precision microprocessor-controlled heater
- ✓ ISO-compliant industrial Teflon-coated heater plates
- ✓ Gasoline-powered, self-contained (optional)



DataLogger
COMPATIBLE

SEE SECOND PAGE FOR DETAILED SPECIFICATIONS

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McELROY

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SPECIFICATIONS

MODELS		ENGINE		MACHINE DIMENSIONS	
A1248103	Low Force	Engine Horse Power	18 HP	Machine Length	85" (2,159mm)
WEIGHTS		Engine Cooling	Air Cooled	Machine Width	49" (1,244.6mm)
Machine	1,225 lbs. (555.7 Kg)	Engine Fuel Type	Gas	Machine Height	46" (1,168.4mm)
Vehicle	730 lbs. (331.1 Kg)	Engine Fuel Tank Capacity	5 Gallons (18.9 Liters)	CARRIAGE DIMENSIONS	
Carriage	3-Jaw - 282 lbs. (127.9 Kg) 4-Jaw - 442 lbs. (200.5 Kg)	Engine Operational Fuel Tank Capacity	8 Hours	Length	3-Jaw - 29" (736.6mm) 4-Jaw - 44" (1,117.6mm)
Heater	24 lbs. (10.9 Kg)	Engine Starting System	Electric	Width	30" (762mm)
Facer	62 lbs. (28.1 Kg)	POWER		Height	27" (685.8mm)
Shipping Weight	1,805 lbs. (818.7 Kg)	Heater	220-240V, 3,000 Watts, 50 / 60 Hz, 1 Ph	SHIPPING DIMENSIONS	
HYDRAULICS		AC Output	2 receptacles, 1 @ 120V and 1 @ 240V	Length	90" (2,286 mm)
System Pressure	1,200 PSI (82.7 BAR)	Heater Plug type	NEMA 6-15P	Width	60" (1,524 mm)
Fusion Pressure	1,200 PSI (82.7 BAR)	Facer	Hydraulic	Height	63" (1,600.2 mm)
Hydraulic Reservoir Capacity	6 Gallons (22.7 Liters)	CHASSIS		INCLUDES	
		Frame	Welded steel construction	Includes fusion machine, facer, heater and insulated heater stand.	
		Brake	Mechanical		
		MOBILITY			
		Mobility Type	High-flotation inflatable tires		
		Transportation	Pulled via towing ring		
		Lifting	Lift points and lifting assembly		
		Starting System	Electric		