

ROLLING 618

200MM - 450MM (8" - 18")



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 618

One of McElroy's most popular fusion machines, the Rolling 618 bridges the gap between small- and large-diameter fusion. Fusing 200mm to 450mm (8" to 18") polypropylene pipe, this machine is available in gas or electric models to power the heater, facer and hydraulic pump. 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 model requires 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



SEE SECOND PAGE FOR DETAILED SPECIFICATIONS

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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
- ✓ On-board generator for powering heater and other devices
- ✓ Easily configurable 3- or 4-jaw carriage
- ✓ Dual hydraulic pipe lifts
- ✓ Serrated jaws and inserts keep pipe from slipping during fusion
- ✓ Hydraulic clamping available
- ✓ Powerful hydraulic facer for facing the toughest pipe with ease
- ✓ Hard-anodized aluminum wear surfaces for corrosion resistance
- ✓ DataLogger® compatible
- ✓ Microprocessor-controlled heater
- ✓ Thrust-bearing-equipped clamp knobs to minimize force required to clamp and round pipe



DataLogger
COMPATIBLE

McELROY

ROLLING 618

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SPECIFICATIONS

MODELS		ENGINE		MACHINE DIMENSIONS	
A1869103	Low Force	Engine Horse Power	18 HP	Machine Length	85" (2,159mm)
WEIGHTS		Engine Cooling	Air Cooled	Machine Width	50" (1,270mm)
Machine	1,335 lbs. (605.5 Kg)	Engine Fuel Type	Gas	Machine Height	57" (1,447.8mm)
Vehicle	730 lbs. (331.1 Kg)	Engine Fuel Tank Capacity	5 Gallons (18.9 Liters)	CARRIAGE DIMENSIONS	
Carriage	3-Jaw - 416 lbs. (188.7 Kg) 4-Jaw - 605 lbs. (274.4 Kg)	Engine Operational Fuel Tank Capacity	8 Hours	Length	3-Jaw - 28.9" (734.1mm) 4-Jaw - 44.3" (1,125.2mm)
6" IPS - 12" DIPS Heater	28 lbs. (12.7 Kg)	Engine Starting System	Electric	Width	4-Jaw - 43.3" (1,099.8mm) 3-Jaw - 43.3" (1,099.8mm)
12" IPS - 18" Heater	34 lbs. (15.4 Kg)	POWER		Height	3-Jaw - 31.3" (795mm) 4-Jaw - 33.1" (840.7mm)
Facer	91 lbs. (41.3 Kg)	6" IPS - 12" DIPS Heater	220-240V, 3,000 Watts, 50 / 60 Hz, 1 Ph	SHIPPING DIMENSIONS	
Shipping Weight	1,950 lbs. (884.5 Kg)	12" IPS - 18" Heater	220-240V, 3,000 Watts, 50 / 60 Hz, 1 Ph	Length	90" (2,286 mm)
HYDRAULICS		AC Output	2 receptacles, 1 @ 120V, 1 @ 240V	Width	60" (1,524 mm)
System Pressure	1,200 PSI (82.7 BAR)	Heater Plug type	NEMA 6-15P	Height	63" (1,600.2 mm)
Fusion Pressure	1,200 PSI (82.7 BAR)	Facer	Hydraulic	INCLUDES	
Hydraulic Reservoir Capacity	6 Gallons (22.7 Liters)	CHASSIS		Fusion machine, facer, 12" IPS - 18" OD heater, insulated heater stand and lifting assembly.	
		Frame	Welded steel construction		
		Brake	Mechanical		
		MOBILITY			
		Mobility Type	High-flotation inflatable tires		
		Transportation	Pulled via towing ring		
		Lifting	Lift points and lifting assembly		
		Starting System	Electric		