

ROLLING 618

6" IPS - 18" OD (160MM - 450MM)



MADE FOR

UNDERGROUND
CONSTRUCTION



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 with pipe sizes ranging from 2" IPS up to 65" OD (63mm to 1600mm).

Wheeled for easy maneuvering and portability on the job, the Rolling machines can be towed to each fusion area where they remain stationary as sticks of pipe are fused and pulled through. The Rolling machines are versatile and will adapt to many jobsite applications. They incorporate an interchangeable 4-jaw carriage that is easily removable for in-ditch fusions. For 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 from 6" IPS to 18" OD (160mm to 450mm), 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 good option when fusing indoors. 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
- ✓ Removable 3- or 4-jaw carriage for in-ditch use
- ✓ 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



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SPECIFICATIONS

MODELS		ENGINE		MACHINE DIMENSIONS	
A1869101	High Force	Engine Horse Power	18 HP	Machine Length	85" (2,159mm)
A1869102	Medium Force	Engine Cooling	Air Cooled	Machine Width	50" (1,270mm)
A1869103	Low Force	Engine Fuel Type	Gas	Machine Height	57" (1,447.8mm)
WEIGHTS		POWER		CARRIAGE DIMENSIONS	
Machine	1,335 lbs. (605.5 Kg)	Engine Fuel Tank Capacity	5 Gallons (18.9 Liters)	Length	3-Jaw - 28.9" (734.1mm) 4-Jaw - 44.3" (1,125.2mm)
Vehicle	730 lbs. (331.1 Kg)	Engine Operational Fuel Tank Capacity	8 Hours	Width	4-Jaw - 43.3" (1,099.8mm) 3-Jaw - 43.3" (1,099.8mm)
Carriage	3-Jaw - 416 lbs. (188.7 Kg) 4-Jaw - 605 lbs. (274.4 Kg)	Engine Starting System	Electric	Height	3-Jaw - 31.3" (795mm) 4-Jaw - 33.1" (840.7mm)
6" IPS - 12" DIPS Heater	28 lbs. (12.7 Kg)			SHIPPING DIMENSIONS	
12" IPS - 18" Heater	34 lbs. (15.4 Kg)	6" IPS - 12" DIPS Heater	220-240V, 3,000 Watts, 50 / 60 Hz, 1 Ph	Length	61" (1,549.4 mm)
Facer	91 lbs. (41.3 Kg)	12" IPS - 18" Heater	220-240V, 3,000 Watts, 50 / 60 Hz, 1 Ph	Width	91" (2,311.4 mm)
Shipping Weight	1,950 lbs. (884.5 Kg)	Facer		Height	64" (1,625.6 mm)
HYDRAULICS		INCLUDES			
System Pressure	1,200 PSI (82.7 BAR)	AC Output	2 receptacles, 1 @ 120V, 1 @ 240V	Fusion machine, facer, 12" IPS - 18" OD heater, insulated heater stand and lifting assembly.	
Fusion Pressure	1,200 PSI (82.7 BAR)	Heater Plug type	NEMA 6-15P		
Hydraulic Reservoir Capacity	6 Gallons (22.7 Liters)	Facer	Hydraulic		
		CHASSIS			
		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		