

# ROLLING 412

4" IPS - 12" DIPS (110MM - 340MM)



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 412

The Rolling 412 changed the industry when it was introduced as the first, fully self-contained fusion machine in the world. It fuses pipe from 4" IPS to 12" DIPS (110mm to 340mm) 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 good option when fusing indoors. A Hydraulic Clamping Kit is also available.

## ADDITIONAL IMAGES



## SEE SECOND PAGE FOR DETAILED SPECIFICATIONS

## 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
- ✓ Hydraulic pipe lifts aids in loading and unloading pipe
- ✓ 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
- ✓ Hydraulic facer for facing the heaviest wall pipe with ease



DataLogger  
COMPATIBLE

# ROLLING 412

4" IPS - 12" DIPS (110MM - 340MM)

## SPECIFICATIONS

MODELS		ENGINE		MACHINE DIMENSIONS	
<a href="#">A1248101</a>	High Force	Engine Horse Power	18 HP	Machine Length	85" (2,159mm)
<a href="#">A1248102</a>	Medium Force	Engine Cooling	Air Cooled	Machine Width	49" (1,244.6mm)
<a href="#">A1248103</a>	Low Force	Engine Fuel Type	Gas	Machine Height	46" (1,168.4mm)
WEIGHTS		POWER		CARRIAGE DIMENSIONS	
Machine	1,225 lbs. (555.7 Kg)	Engine Fuel Tank Capacity	5 Gallons (18.9 Liters)	Length	<b>3-Jaw</b> - 29" (736.6mm) <b>4-Jaw</b> - 44" (1,117.6mm)
Vehicle	730 lbs. (331.1 Kg)	Engine Operational Fuel Tank Capacity	8 Hours	Width	30" (762mm)
Carriage	<b>3-Jaw</b> - 282 lbs. (127.9 Kg) <b>4-Jaw</b> - 442 lbs. (200.5 Kg)	Engine Starting System	Electric	Height	27" (685.8mm)
Heater	24 lbs. (10.9 Kg)	POWER		SHIPPING DIMENSIONS	
Facer	62 lbs. (28.1 Kg)	Heater	220-240V, 3,000 Watts, 50 / 60 Hz, 1 Ph	Length	61" (1,549.4 mm)
Shipping Weight	1,905 lbs. (864.1 Kg)	Facer		Width	91" (2,311.4 mm)
HYDRAULICS		AC Output	2 receptacles, 1 @ 120V and 1 @ 240V	Height	64" (1,625.6 mm)
System Pressure	1,200 PSI (82.7 BAR)	Heater Plug type	NEMA 6-15P	INCLUDES	
Fusion Pressure	1,200 PSI (82.7 BAR)	Facer	Hydraulic	Includes fusion machine, facer, heater, insulated heater stand, 12" IPS butt fusion inserts and lifting assembly.	
Hydraulic Reservoir Capacity	6 Gallons (22.7 Liters)	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				