

ROLLING 412 MANUAL CLAMPING

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



MADE FOR
UNDERGROUND
CONSTRUCTION



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

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

Copyright © 2026 McElroy Manufacturing, Inc. The contents of this specification page are for informational use only and subject to change without notice. All trademarks are property of McElroy Manufacturing, Inc. unless otherwise noted. All Rights Reserved. 03/03/2026



DataLogger
COMPATIBLE



McELROY

ROLLING 412 MANUAL CLAMPING

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

SPECIFICATIONS

MODELS		ENGINE		MACHINE DIMENSIONS	
A12P1011865	High Force, Manual Clamping	Engine Horse Power	19 HP	Machine Length	85" (2,159mm)
A12P1011869	Medium Force, Manual Clamping	Engine Cooling	Air Cooled	Machine Width	50" (1,270mm)
A12P1011873	Low Force, Manual Clamping	Engine Fuel Type	Gas	Machine Height	55" (1,397mm)
WEIGHTS		CARRIAGE DIMENSIONS			
Machine	1,365 lbs. (619.2 Kg)	Engine Fuel Tank Capacity	5 Gallons (18.9 Liters)	Length	4-Jaw - 44" (1,117.6mm) 3-Jaw - 29" (736.6mm)
Vehicle	820 lbs. (371.9 Kg)	Engine Operational Fuel Tank Capacity	8 Hours	Width	43" (1,092.2mm)
Carriage	4-Jaw - 545 lbs. (247.2 Kg) 3-Jaw - 235 lbs. (106.6 Kg)	Engine Starting System	Electric	Height	4-Jaw - 29" (736.6mm) 3-Jaw - 23" (584.2mm)
Heater	24 lbs. (10.9 Kg)	SHIPPING DIMENSIONS			
Facer	62 lbs. (28.1 Kg)			Length	61" (1,549.4 mm)
Shipping Weight	1,980 lbs. (898.1 Kg)	POWER		Width	91" (2,311.4 mm)
HYDRAULICS		Heater	3,000 Watts, 50 / 60 Hz, 1 Ph	Height	64" (1,625.6 mm)
System Pressure	1,200 PSI (82.7 BAR)	Facer	Hydraulic	INCLUDES	
Fusion Pressure	1,200 PSI (82.7 BAR)	CHASSIS		Fusion machine, facer, heater, 12IPS/DIPS Master inserts and lifting sling.	
Hydraulic Reservoir Capacity	6 Gallons (22.7 Liters)	Frame	Welded steel construction		
		Brake	Mechanical		
		MOBILITY			
		Mobility Type	High-flotation inflatable tires		
		Transportation	Pulled via towing ring		
		Vehicle Speed	5 MPH		
		Lifting	Lift points and lifting assembly		
		Starting System	Electric		