

ROLLING 412

Fusion Capability for 4" IPS to 12" DIPS (110mm - 340mm)



OVERVIEW

McElroy's **Rolling 412** changed the industry when it was introduced as the first full self-contained fusion machine in the world. Today, the 412 can be ordered in gas or electric power, with a wheeled chassis that offers easy maneuvering on site. A hydraulic clamping option is also available.

FEATURES

- Patented Centerline Guidance System for equal distribution of force around the joint
- Industry-standard hydraulic control systems
- ISO-compliant industrial Teflon-coated plates
- Removable 3- or 4-jaw carriage for in-ditch use
- DataLogger® compatible
- On-board generator for powering heater and other devices
- Hydraulic pipe lift aids in loading and unloading pipe
- Serrated jaws and inserts keep pipe from slipping during fusion
- Thrust-bearing-equipped clamp knobs to minimize force required to clamp and round pipe
- Hydraulic facer for facing the heaviest wall pipe with ease
- Microprocessor-controlled heater

SPECIFICATIONS

CAPACITY

Fuses Pipe Sizes:.....4" IPS - 12" DIPS (110mm - 340mm)

ROLLING MODELS

A1248101:.....High Cylinder Force, On-Board Generator, Self-Contained Gasoline Power
A1248102:.....Medium Cylinder Force, On-Board Generator, Self-Contained Gasoline Power
A1248103:.....Low Cylinder Force, On-Board Generator, Self-Contained Gasoline Power

ROLLING ELECTRIC MODELS

A1248104:.....High Cylinder Force, 220V-240V, 50/60Hz, 3 Phase
A1248105:.....Medium Cylinder Force, 220V-240V, 50/60Hz, 3 Phase
A1248106:.....Low Cylinder Force, 220V-240V, 50/60Hz, 3 Phase

POWER

Heater Power:.....3,000 Watt
Facer Power:.....Hydraulic
Electric Motor Power (Electric Models):.....3 HP

WEIGHT

Gas Machine:.....1,225 lbs (556 Kg)
Electric Machine:.....915 lbs (415 Kg)
4-Jaw Carriage:.....442 lbs (200.5 Kg)
3-Jaw Carriage:.....282 lbs (128 Kg)
Facer:.....62 lbs (28.1 Kg)
Heater:.....24 lbs (10.9 Kg)

HYDRAULICS

Maximum System Pressure:.....1,200 PSI (82.74 BAR)
Hydraulic Reservoir Capacity:.....6 Gallons (22.71 Liters)

GAS ENGINE

Engine Type:.....18 HP Air Cooled V-Twin
Fuel Type:.....Gasoline
Fuel Tank Capacity:.....5 Gallons (18.92 Liters)
Operational Tank Capacity:.....8 Hours
Starting System:.....Electric

CHASSIS

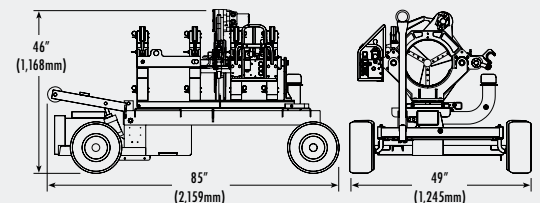
Frame:.....Welded steel tube construction
Front Axle:.....Articulating
Brake:.....Mechanical

ELECTRICAL (GAS POWERED ONLY)

Input:.....None, Self-Contained
AC Output:.....2 Receptacles, 1 @ 120V, 1 @ 240V

MOBILITY

Tires:.....High-floatation inflatable tires
Transportation:.....Pulled via towing ring
Lifting:.....Lift points and lifting assembly



ROLLING 412

INCLUSIONS

The Rolling 412 includes fusion machine, facer, heater, insulated heater stand, 12" IPS butt fusion inserts and lifting assembly. A hydraulic clamping kit is available for all Rolling 412 machines. To purchase a machine equipped with hydraulic clamping, add "HC" to the end of the part number. Specifications are subject to change without notice.