

ROLLING 412

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



Rolling 412



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)

HYDRAULICS

System Pressure:..... 1,200 PSI (82.74 BAR) Max.

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

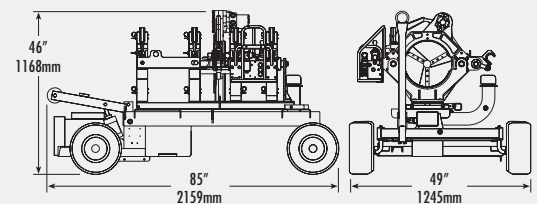
AC Output:..... 2 Receptacles, 240V each

MOBILITY

Tires:..... High-floatation inflatable tires

Transportation:..... Pulled via towing ring

Lifting:..... Lift points and lifting assembly



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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.