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)

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

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.