

DYNAMc® 412 HP

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



DynaMc 412 HP 2-Jaw

OVERVIEW

The DynaMc® HPs are a new line of fusion machines from McElroy that pack a lot of power into small packages. The machines combine the robust, patented features of standard McElroy machines into smaller units for use in tight working environments or at job sites that require just a few joints to be fused.

The new DynaMc 412 HP (Hand Pump) machine butt fuses pipe from 4" IPS — 12" DIPS (110mm — 340mm) with a hand-powered pump. The 412 HP is available in 2- and 4-jaw models.

FEATURES

- Double-action hand pump and high-velocity cylinders create fast carriage speed for opens and closes during fusion processes
- Sturdy and powerful electric facer that can be loaded from either side of the fusion machine
- Detachable easy-lift cradle can be removed for maneuvering into tight spaces
- On 4-jaw units, the full-length guide rod and unique movable third jaw allow work in close proximity to ells and tees without the removal of the outer jaw
- DataLogger® compatible
- Can be paired with Low Profile Rollers, Stub End Holders and other McElroy Productivity Tools

SPECIFICATIONS

CAPACITY

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

MODELS

A1263601:..... 2-Jaw Machine with 100V-120V, 50/60Hz, 1 Ph FVR*; 220V-240V, 50/60Hz, 1 Ph HVR**

A1263602:..... 2-Jaw Machine with 220V-240V, 50/60Hz, 1 Ph FVR; 220V-240V, 50/60Hz, 1 Ph HVR

A1262901:..... 4-Jaw Machine with 100V-120V, 50/60Hz, 1 Ph FVR; 220V-240V, 50/60Hz, 1 Ph HVR

A1262902:..... 4-Jaw Machine with 220V-240V, 50/60Hz, 1 Ph FVR; 220V-240V, 50/60Hz, 1 Ph HVR

HYDRAULICS

System Pressure:..... 1,500 PSI (103 BAR) Max.

POWER

Minimum Power Requirement:..... 4.2KVA, 4.2KW

Heater Power:..... 3,000 Watt

Facer Power:..... 1.6 HP, 10 Amp @ 120V / 5 Amp @ 240V

WEIGHT

2-Jaw Machine:..... 200 lbs. (90 Kg)

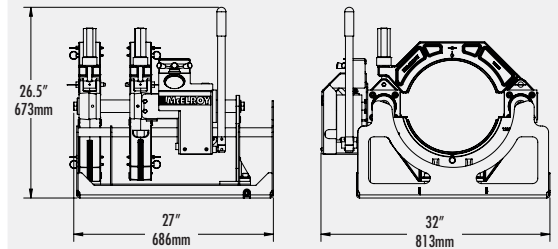
4-Jaw Machine:..... 293 lbs. (132 Kg)

Facer:..... 54 lbs. (24.5 Kg)

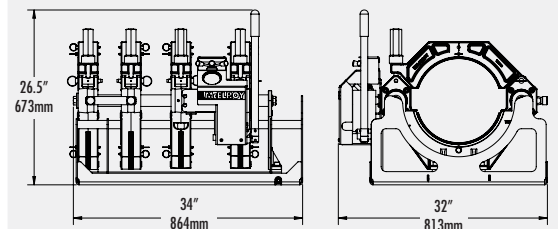
Heater:..... 24 lbs. (10.9 Kg)

CHASSIS

Frame:..... Welded aluminum construction



DYNAMC 412 HP 2-JAW



DYNAMC 412 HP 4-JAW

INCLUSIONS

DynaMc 412 HPs include carriage, facer, facer stand, heater and insulated heater stand. All machines have low cylinder force. Specifications are subject to change without notice.

*FVR = Facer Voltage Requirements

**HVR = Heater Voltage Requirements

