

# DYNAMc<sup>®</sup> 412 EP

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



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## OVERVIEW

The **DynaMc<sup>®</sup> 412 EP** (electric pump) uses a common DynaMc EP Hydraulic Power Unit (HPU) to power a light, but rugged 2- or 4-Jaw fusion carriage. The DynaMc 412 EP is capable of fusing pipe sizes from 4" IPS to 12" DIPS while maintaining a small footprint. For in-ditch fusions, an easy-lift cradle can be removed to make the machine even smaller and a strong electric facer can be loaded from either side of the carriage for more flexibility in tight confines.

The secret behind the DynaMc 412 EP machines is the DynaMc EP HPU that is common for a variety of DynaMc EP fusion machines. The HPU uses a hydraulic accumulator to maintain fusion pressures and reduce power consumption, all in an HPU that weighs 118 lbs. (53 Kg). The manual carriage manifold of the DynaMc 412 EP is powerful enough to tackle thick-walled. Capable of 1,500 PSI fusion pressures, the DynaMc EP is compatible with the DataLogger<sup>®</sup>.

Whether it is one fusion or 100, the DynaMc 412 EP provides the rugged reliability you expect from a McElroy.

## FEATURES

- Lightweight, but with rugged, robust features
- Detachable lifting cradle for working in tight spaces
- Serrated jaws and inserts keep pipe from slipping during fusion process
- 4-Jaw units incorporate a full-length guide rod and movable third jaw to allow work in close proximity to ells and tees without removal of outer fixed jaw
- Utilizes McElroy's patented Centerline Guidance System
- Can be paired with McElroy's Low Profile Rollers, Pipe Stands and/or Stub End Holders for increased productivity

## SPECIFICATIONS

### CAPACITY

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

### MODELS

A1274901: 2-Jaw Machine with 100V-120V, 50/60Hz, 1 Ph FVR\*; 220V-240V, 50/60Hz, 1Ph HVR\*\*  
A1274902: 2-Jaw Machine with 220V-240V, 50/60Hz, 1 Ph FVR; 220V-240V, 50/60Hz, 1Ph HVR  
A1274801: 4-Jaw Machine with 100V-120V, 50/60Hz, 1 Ph FVR; 220V-240V, 50/60Hz, 1Ph HVR  
A1274802: 4-Jaw Machine with 220V-240V, 50/60Hz, 1 Ph FVR; 220V-240V, 50/60Hz, 1Ph HVR

### POWER

Minimum Power Requirement:.....4.2KVA, 4.2KW (Add HPU power for total power required)

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

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

### WEIGHT

2-Jaw Machine:.....170 lbs. (77 Kg)

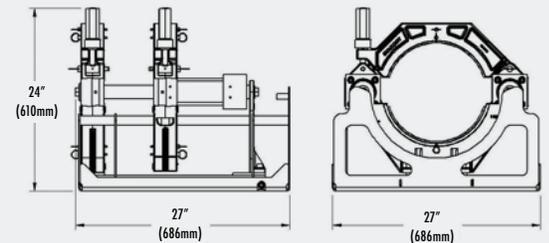
4-Jaw Machine:.....263 lbs. (120 Kg)

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

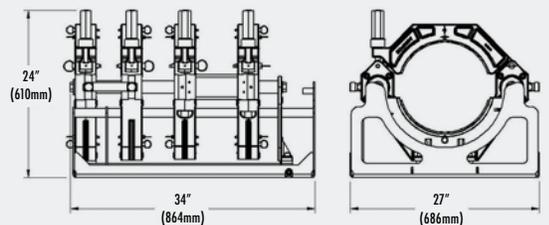
Heater:.....24 lbs. (10.9 Kg)

### CHASSIS

Frame:.....Welded aluminum construction



DYNAMC 412 EP 2-JAW



DYNAMC 412 EP 4-JAW

### INCLUSIONS

DynaMc 412 EPs include carriage, facer, facer stand, heater and insulated heater stand. Electric Pump HPU is sold separately. All machines have low cylinder force. Specifications are subject to change without notice.

\*FVR = Facer Voltage Requirements

\*\*HVR = Heater Voltage Requirements