

DynaMc® 412 Auto

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



OVERVIEW

The **DynaMc® 412 Auto** is an automatic fusion machine for fusing pipes from 110mm — 340mm (4" IPS — 12" DIPS). Designed with input from industry experts, the DynaMc 412 Auto offers a powerful mix of features and operates within gas industry specification PL2-3 and water industry specification 4-32-08, as well as other specifications.

The modular design of the 412 Auto features a common electronic control unit and HPU to operate the carriage, heater and facer. The special heater automatically retracts to minimize open and close times, while the electronic control unit offers a USB port for downloading fusion reports and uploading firmware updates.

Like other McElroy fusion machines, the DynaMc 412 Auto's powerful facer trims the pipe ends and incorporates McElroy's patented Centerline Guidance System.

When you need a completely automated solution for the fusion process, make it a McElroy DynaMc Auto.

FEATURES

- Compact, while remaining versatile and rugged
- Detachable lifting cradle for working in tight spaces
- Serrated jaws and inserts keep pipe from slipping during fusion process
- Carriage incorporates 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
- USB port for downloading fusion reports and uploading firmware updates
- Automatic fusion parameter calculations
- Can be paired with McElroy's Low Profile Rollers, Pipe Stands and other McElroy productivity tools
- Five component system is designed for easier storage and transportation to and from jobsite

SPECIFICATIONS

CAPACITY

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

MODELS

A1252701:.....4-Jaw Machine with 110V-120V, 50/60Hz, 1 Ph Input Voltage Requirement

A1252702:.....4-Jaw Machine with 220V-240V, 50/60Hz, 1 Ph Input Voltage Requirement

HYDRAULICS

Maximum System Pressure:.....83 BAR (1,200 PSI)

POWER

Minimum Power Requirement:.....3kVA, 3kW (Add Auto HPU power for total power required)

Auto HPU Power:.....4 HP, 28 Amp @ 110V / 4 HP, 14 Amp @ 220V

Heater Power:3,000 Watt

Facer Power:Hydraulic

WEIGHT

Carriage:.....120 Kg (263 lbs)

Minimum Carriage Transport Weight*:.....70.5 Kg (155 lbs)

Facer:.....28.6 Kg (62 lbs)

Heater:.....27.2 Kg (60 lbs)

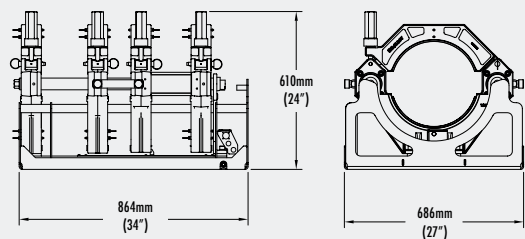
Auto HPU**:.....75.3 Kg (166 lbs)

CHASSIS

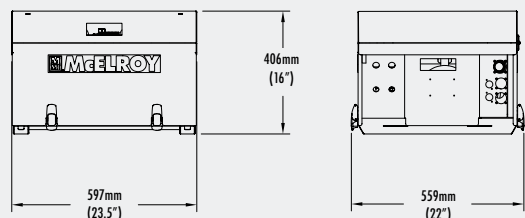
Frame:.....Welded aluminum construction

*Reflects weight with upper jaws, cradle and master inserts removed.

**Weight includes hoses and cables.



DYNAMC 412 AUTO



DYNAMC 412 AUTO HPU

INCLUSIONS

DynaMc 412 Autos include auto power unit, control unit, carriage, facer, facer stand and heater assembly. All machines have low cylinder force. Specifications are subject to change without notice.