

# MEGAMc® 1648

Fusion Capability for 16" OD to 48" OD (450mm — 1200mm)



## OVERVIEW

The McElroy MegaMc® 1648 will butt fuse pipe sizes from 16" OD to 48" OD (450mm to 1200mm). Designed to serve the large-diameter needs of the water and sewer the industry, the machine allows for the butt fusion of most fittings without special holders or the removal of the outer jaw. McElroy's unique semi-automatic control system requires only one operator. Hydraulic power assists all fusion functions, including the complete operation of the jaws, pipe lifts, heater and facer. Mitered inserts are available for fabricating ells.

## FEATURES

- Patented Centerline Guidance System for equal distribution of force around the joint
- Original industry standard for hydraulic control systems
- ISO-compliant industrial Teflon-coated plates
- Advanced blade design for smooth face and long life
- DataLogger® compatible
- 4-Jaw carriage
- Hydraulic clamping
- Dual hydraulic pipe lifts aid in loading and unloading pipe
- Serrated jaws and inserts keep pipe from slipping during fusion
- Hydraulic pivoting heater and facer

## SPECIFICATIONS

### CAPACITY

Fuses Pipe Sizes:..... 16" OD – 48" OD (450mm – 1200mm)

### MODELS

A4800806:..... High Cylinder Force, 220V-240V, 50/60Hz, 3 Phase

A4800807:..... Medium Cylinder Force, 220V-240V, 50/60Hz, 3 Phase

### WEIGHT

Machine:..... 8,800 lbs. (3,992 Kg)

Facer:..... 775 lbs. (351.5 Kg)

Heater:..... 600 lbs. (272.2 Kg)

### HYDRAULICS

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

Hydraulic Reservoir Capacity:..... 33 Gallons (125 Liters)

Motor:..... 10 HP, 3 Phase, 240V

### POWER

Heater Power:..... 35,000 Watt

Facer Power:..... Hydraulic

### CHASSIS

Frame:..... Welded steel tube construction

Front Axle:..... Articulating

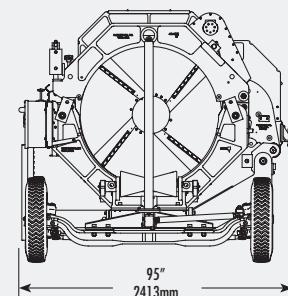
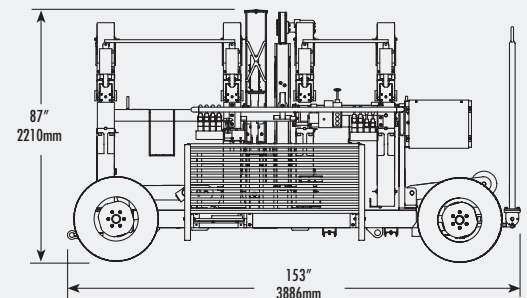
Brake:..... Mechanical

### MOBILITY

Tires:..... 7.0 – 15, 60 PSI Max.

Transportation:..... Pulled via towing ring

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



MEGAMC 1648

### INCLUSIONS

The MegaMc 1648 includes fusion machine, facer, heater and lifting assembly. Specifications subject to change without notice.