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 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 eells.

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
A4800006: High Cylinder Force, 220V-240V, 50/60Hz, 3 Phase
A4800007: 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

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