

MEGAMc® 824 Series 2

Fusion Capability for 8" IPS to 24" OD (225mm — 630mm)



OVERVIEW

The McElroy **MegaMc® 824 Series 2** is a mix of muscle and versatility. Operators can butt fuse pipe sizes from 8" IPS to 24" OD (225mm to 630mm) above ground or in the ditch with the same joint quality. The carriage on the new machine features improved hydraulic and electric connectors that are interchangeable with the TracStar® 630 and 900 Series 2 machines. This versatility allows operators to mount the carriage on a rolling or tracked vehicle.

The 824 was the first machine of this size designed specifically for in-ditch, close-quarter work with the flexibility of smaller diameter fusion machines. It features hydraulically-powered assists for all fusion operations, including the operation of the jaws, pipe lifts, heater and facer.

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
- Heater and facer can be easily converted to top loading for confined spaces
- Rugged outriggers for stability
- DataLogger® compatible
- Removable heater, facer and 4- or 3-jaw carriage for in-ditch use
- 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
- Heater element failure detection
- Remote motor start/stop capabilities

SPECIFICATIONS

CAPACITY

Fuses Pipe Sizes: 8" IPS — 24" OD (225mm — 630mm)

MODELS

CYLINDER FORCE	INPUT VOLTAGE	PART NUMBER
High	220V-240V, 50/60Hz, 3 Phase	A2474801
Medium		A2474802
Low		A2474803
High	380-415V, 50/60Hz, 3 Phase	A2474804
Medium		A2474805
Low		A2474806

WEIGHT

Machine: 6,000 lbs. (2,722 Kg)
4-Jaw Carriage Configuration: 3,885 lbs. (1,762 Kg)
3-Jaw Carriage Configuration: 1,412 lbs. (640 Kg)
Facer: 390 lbs. (177 Kg)
Heater: 240 lbs. (109 Kg)
Spreader Bar: 175 lbs. (79 Kg)

HYDRAULICS

Maximum System Pressure: 2,300 PSI (158 BAR)
Hydraulic Reservoir Capacity: 28 Gallons (106 Liters)
Motor: 20 HP, 3 Ph

POWER

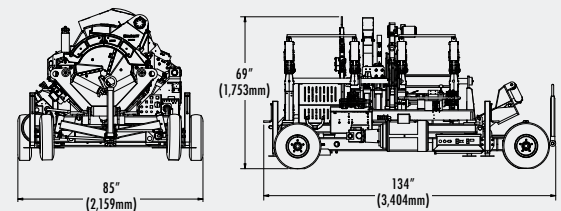
Heater Power: 10,950 Watt
Facer Power: Hydraulic

CHASSIS

Frame: Welded steel tube construction
Front Axle: Articulating

MOBILITY

Tires: 6.90 — 9NHS, 75 PSI Max.
Transportation: Pulled via towing ring
Lifting: Lift points and lifting assembly



MEGAMC 824 SERIES 2

INCLUSIONS

The MegaMc 824 Series 2 includes fusion machine, facer, heater, 24" OD butt fusion inserts, and lifting assembly. Optional in-ditch hose kit and heater/facer stand sold separately. Specifications subject to change without notice.

