

DYNAMC® 28 HP (HAND PUMP)

2" IPS - 8" DIPS (63MM - 225MM)



MADE FOR

UNDERGROUND
CONSTRUCTION



STANDARD FEATURES

- ✓ Double-action hand pump and high-velocity cylinders create fast carriage speed for opens and closes during fusion processes
- ✓ Patented Centerline Guidance System for equal distribution of force around the joint
- ✓ Lightweight, but with rugged, robust features
- ✓ Features a common Electric Pump that powers a variety of fusion machines
- ✓ Utilizes a hydraulic accumulator to maintain fusion pressure and reduce power consumption
- ✓ 2-jaw machine availability
- ✓ 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
- ✓ DataLogger® compatible
- ✓ ISO-compliant industrial Teflon-coated heater plates
- ✓ Powerful electric facer that can be loaded from either side of the carriage
- ✓ Can be paired with McElroy's Low Profile Rollers, Pipe Stands, Stub End Holders and more productivity tools

ABOUT DYNAMC

Perfect for in-ditch and close-quarter butt fusion, the DynaMc line of machines pack a lot of power into a small package. They combine the robust, patented features of standard McElroy equipment into smaller units for use in tight working environments and are available in 2- and 4-jaw units that easily detach from the cradle to further reduce the footprint of the machine. The DynaMc is a great choice on challenging jobsites when only a few fusions need to be made and is offered in three pipe size ranges, from as small as 2" (63mm) up to 12" (340mm).

The DynaMc consists of a carriage, facer, facer stand, heater and insulated heater stand which can be situated in various arrangements for flexibility in confined working environments. On the 4-jaw units, the full-length guide rod and unique movable third jaw allow work in close proximity to ells and tees without the removal of the outer jaw.

Three models are available: the DynaMc HP (Hand Pump), the DynaMc EP (Electric Pump) and the DynaMc Autos which offer a powerful mix of features and operate within gas industry specification PL2-3 and water industry specification 4-32-08, as well as other specifications. The DynaMc machines offer DataLogger capability to ensure that proper fusion procedures have been followed prior to installation.

DYNAMC 28 HP

The DynaMc 28 HP (Hand Pump) is a small, versatile fusion machine available in 2- and 4-jaw configurations for 2" IPS to 8" IPS (63mm to 225mm) pipe. Its double-action hand pump and high-velocity cylinders create fast carriage speeds during the fusion process. It is paired with a strong electric facer that can be loaded from either side of the carriage. Serrated jaws and inserts keep pipe from slipping during the fusion process.

ADDITIONAL IMAGES



DataLogger
COMPATIBLE

SEE SECOND PAGE FOR DETAILED SPECIFICATIONS

DYNAMC® 28 HP (HAND PUMP)

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SPECIFICATIONS

MODELS		POWER		MACHINE DIMENSIONS	
A881401	4-Jaw, 120V	Minimum Power Requirements	3 kVA / 2.9 kW	Machine Length	34.3" (871.2mm)
A881402	4-Jaw, 240V	240V Heater	220-240V, 1,750 Watts, 50 / 60 Hz, 1 Ph	Machine Width	25.9" (657.9mm)
WEIGHTS		120V Heater	100-120V, 1,750 Watts, 50 / 60 Hz, 1 Ph	Machine Height	23.4" (594.4mm)
Carriage	155 lbs. (70.3 Kg)	120V Facer	1.6 HP, 100-120V, 50 / 60 Hz, 1 Ph, 10 Amps	CARRIAGE DIMENSIONS	
Heater	21 lbs. (9.5 Kg)	240V Facer	1.6 HP, 220-240V, 50 / 60 Hz, 1 Ph, 5 Amps	Length	34" (863.6mm)
Facer	39 lbs. (17.7 Kg)	120V Heater Plug type	NEMA 5-15P	Width	26" (660.4mm)
Shipping Weight	285 lbs. (129.3 Kg)	240V Heater Plug type	NEMA 6-15P	Height	23.5" (596.9mm)
HYDRAULICS		240V Facer Plug type	CEE 7/7 (DIN 49441)	SHIPPING DIMENSIONS	
System Pressure	1,500 PSI (103.4 BAR)	120V Facer Plug type	NEMA 5-15P	Length	48" (1,219.2 mm)
				Width	40" (1,016 mm)
				Height	33" (838.2 mm)
				INCLUDES	
				Fusion carriage, facer, facer stand, heater and insulated heater stand.	