

# 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



**SEE SECOND PAGE FOR DETAILED SPECIFICATIONS**



DataLogger  
COMPATIBLE

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

## SPECIFICATIONS

MODELS		POWER		MACHINE DIMENSIONS	
<a href="#">A881701</a>	2-Jaw, 120V	Minimum Power Requirements	3 kVA / 2.9 kW	Machine Length	25.8" (655.3mm)
<a href="#">A881702</a>	2-Jaw, 240V			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	108 lbs. (49 Kg)	240V Heater	220-240V, 1,750 Watts, 50 / 60 Hz, 1 Ph	CARRIAGE DIMENSIONS	
Heater	21 lbs. (9.5 Kg)	Heater	100-120V, 1,750 Watts, 50 / 60 Hz, 1 Ph	Length	26" (660.4mm)
Facer	39 lbs. (17.7 Kg)			Width	26" (660.4mm)
Shipping Weight	285 lbs. (129.3 Kg)	Heater	220-240V, 1,750 Watts, 50 / 60 Hz, 1 Ph	Height	23.5" (596.9mm)
HYDRAULICS		120V Facer	1.6 HP, 100-120V, 50 / 60 Hz, 1 Ph, 10 Amps	SHIPPING DIMENSIONS	
System Pressure	1,500 PSI (103.4 BAR)	240V Facer	1.6 HP, 220-240V, 50 / 60 Hz, 1 Ph, 5 Amps	Length	48" (1,219.2 mm)
		120V Heater Plug type	NEMA 5-15P	Width	40" (1,016 mm)
		240V Heater Plug type	NEMA 6-15P	Height	33" (838.2 mm)
		240V Facer Plug type	CEE 7/7 (DIN 49441)	INCLUDES	
		120V Facer Plug type	NEMA 5-15P	Fusion carriage, facer, facer stand, heater and insulated heater stand.	