

# DYNAMC® 28 EP (ELECTRIC PUMP)

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



MADE FOR

UNDERGROUND  
CONSTRUCTION



## STANDARD FEATURES

- ✓ 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 EP

The DynaMc 28 EP (Electric Pump) fuses pipe from 2" IPS to 8" IPS (63mm to 225mm). The low cylinder force machine is powered by the EP1500AD Hydraulic Power Unit (HPU), which is a common HPU for a variety of DynaMc EP fusion machines, such as the Sidewall 28 and Compact 28 Vertical. The HPU uses a hydraulic accumulator to maintain fusion pressures and reduce power consumption. The manual carriage manifold is powerful enough to tackle thick-walled pipe and is paired with a strong electric facer that can be loaded from either side of the carriage.

## ADDITIONAL IMAGES



## SEE SECOND PAGE FOR DETAILED SPECIFICATIONS

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# DYNAMIC<sup>®</sup> 28 EP (ELECTRIC PUMP)

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

## SPECIFICATIONS

MODELS		POWER		MACHINE DIMENSIONS	
<a href="#">A900101</a>	4-Jaw, 120V Facer, 120V Heater	Minimum Power Requirements	3 kVA / 2.9 kW	Machine Length	34" (863.6mm)
<a href="#">A900102</a>	4-Jaw, 120V Facer, 240V Heater			Machine Width	21" (533.4mm)
<a href="#">A900103</a>	4-Jaw, 240V Facer, 120V Heater	120V Heater	100-120V, 1,750 Watts, 50 / 60 Hz, 1 Ph	Machine Height	19" (482.6mm)
<a href="#">A900104</a>	4-Jaw, 240V Facer, 240V Heater	240V Heater	220-240V, 1,750 Watts, 50 / 60 Hz, 1 Ph	CARRIAGE DIMENSIONS	
WEIGHTS		Heater	100-120V, 1,750 Watts, 50 / 60 Hz, 1 Ph	Length	34" (863.6mm)
Carriage	125 lbs. (56.7 Kg)			Width	21" (533.4mm)
Heater	21 lbs. (9.5 Kg)	Heater	220-240V, 1,750 Watts, 50 / 60 Hz, 1 Ph	Height	19" (482.6mm)
Facer	39 lbs. (17.7 Kg)	120V Facer	1.6 HP, 100-120V, 50 / 60 Hz, 1 Ph, 10 Amps	SHIPPING DIMENSIONS	
Shipping Weight	245 lbs. (111.1 Kg)	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. <a href="#">Hydraulic Power Unit</a> (HPU) sold separately.	