

# IN-DITCH 1600

20" OD - 65" OD (500MM - 1600MM)



MADE FOR

UNDERGROUND  
CONSTRUCTION



## STANDARD FEATURES

- ✓ 2-jaw, compact design allows minimal excavation
- ✓ Multiple lift points on carriage and top jaw expedites placement in ditch
- ✓ Fuses onto 15" of exposed pipe, avoiding additional fittings
- ✓ Quick disconnects on clamp, pivot cylinders and tapered pivot pins provide easy removal of upper jaws
- ✓ Lifting points on heater and facer
- ✓ Roll cage protects carriage and hydraulics while loading in ditch
- ✓ 30,000 pounds of clamp force per jaw
- ✓ Skid-mounted heater/facer stands and Hydraulic Power Unit (HPU) for ease of mobility



**DataLogger**  
COMPATIBLE

## IN DITCH 1600

The In-Ditch 1600 brings large-diameter butt fusion capability to jobs fusing 20" OD to 65" OD (500mm to 1600mm) pipe, fittings and flanges in tight work spaces. Its compact design makes it ideal for tie-in fusions and a cost-effective alternative to electrofusion, which requires the purchase of additional fittings.

The In-Ditch 1600 features a two-jaw carriage with a top-loading heater and facer for greater flexibility in confining areas. The carriage has the same 30,000 pounds of clamping force per jaw as the MegaMc® 1600. With a 3,000 psi maximum pressure range, the In-Ditch 1600 can fuse onto 15" of exposed pipe, providing maximum versatility in close quarters with minimal excavation required.

Ease of mobility is built into the machine with multiple lifting points, a carriage spreader bar and skidded carriage, all designed to fit within a small envelope. Roll bars protect the carriage and hydraulic components as the machine is eased into the ditch.

## SPECIFICATIONS

### MODELS

[A6523501](#) High Cylinder Force, 220-240V

### WEIGHTS

Carriage	4,960 lbs. (2,249.8 Kg)
Heater	750 lbs. (340.2 Kg)
Facer	1,250 lbs. (567 Kg)
Shipping Weight	11,570 lbs. (5,248.1 Kg)

### HYDRAULICS

System Pressure	3,000 PSI (206.8 BAR)
Fusion Pressure	3,000 PSI (206.8 BAR)
Hydraulic Reservoir Capacity	35 Gallons (132.5 Liters)

### POWER

Heater	38,437 Watts, 50 / 60 Hz, 3 Ph
Facer	Hydraulic

### MACHINE DIMENSIONS

Machine Length	73" (1,854.2mm)
Machine Width	100.8" (2,559mm)
Machine Height	83.5" (2,120.9mm)

### INCLUDES

Fusion carriage, power pack assembly, heater, facer, heater/facer stand, 63.51" master insert set, hoses and spreader bar.