

# MEGAMc® POLYHORSE®

Pipe-Handling System for 20" through 48" OD pipe (500mm to 1,200mm)



McElroy MegaMc® PolyHorse®  
Patents Pending

## OVERVIEW

The MegaMc® PolyHorse® is a pipe-handling system designed to boost productivity and promote safer working conditions on 20" to 48" OD (500mm to 1,200mm) polyethylene pipe jobsites.

The productivity tool consists of a series of pipe racks and powered pipe stands that hold enough pipe for a day's worth of fusion work. With the pipe stored in a single location and ready for use, the MegaMc PolyHorse allows heavy machinery to work in other places on the jobsite. A single operator can dispense pipe onto the stands, maneuver the pipe into alignment, and insert pipe into the fusion machine with the use of a remote control.

Instead of dedicating a piece of heavy machinery to lift, align, load and hold a stick of pipe to be fused, the MegaMc PolyHorse does all the work. After setting up the MegaMc PolyHorse, sticks of pipe are loaded directly onto the pipe racks that are purposefully designed with an incline that allows gravity to feed the pipes to the dispenser. The dispenser is activated by the remote control, lowering a single stick of pipe into a tracked powered pipe stand and roller powered pipe stand attached to the end of the racks. The operator then controls the powered pipe stands to move and align the pipe up to 24 inches laterally and 34 inches vertically. Powered rubber tracks feed a stick of pipe into the fusion machine.

## FEATURES

- One operator can load, align and fuse pipe
- Minimizes wear and tear on fusion machine
- No double handling of pipe, pipe moves from delivery truck to racks
- Holds a full delivery truckload of pipe 26 inches in diameter and larger
- No waiting on heavy equipment to load pipe for each fusion joint
- 24" of lateral and 34" of vertical range of motion to align pipe with jaws of fusion machine
- Adjustable height legs set rack incline and adapt to uneven terrain
- Ships on one semi-trailer with fusion machine and generator



A tracked pipe stand nearest the fusion machine helps maneuver the pipe into the fusion machine.



The MegaMc PolyHorse holds a full day's shift of fusion work.

## SPECIFICATIONS

### MODEL

4834001:..... 220V - 240V, 50/60Hz, 3Ph

4834002:..... 380V - 415V, 50Hz, 3Ph

### CAPACITY

Pipe:..... 20" to 48" OD pipe (500mm to 1,200mm)

Maximum Load:..... 70,000 lbs. (31,751 Kg)

Maximum Load Per Pipe Stick:..... 10,500 lbs. (4,763 Kg)

### POWER

Power:..... 220V-240V, 50/60Hz, 3Ph

Power Requirements:..... 7.5 KVA/6.4KW

### INCLUSIONS

MegaMc PolyHorse includes 2 rack sets, a powered tracked pipe stand, a roller pipe stand, lifting sling, 4 outrigger pads, 8 safety cones, owner's manual and remote control. Specifications subject to change without notice. Patents pending.

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Pipe can be loaded directly from the truck onto the racks.



A remote control can be hung from the fusion machine, allowing a single operator to direct fusion and pipe loading operations.

## DIMENSIONS AND LAYOUT

