

MEGAMC[®] POLYHORSE[®]

20" - 48" OD (500MM - 1200MM)



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.

ADDITIONAL IMAGES



STANDARD FEATURES

- ✓ Reduces job cost
- ✓ Reduces manpower and additional heavy equipment
- ✓ Enhances productivity
- ✓ Adjustable height legs set rack incline and adapt to uneven terrain
- ✓ Maximum capacity of 70,000 lbs. (31,751 Kg) with a maximum pipe length weight of 10,500 lbs. (4,763 Kg).
- ✓ 24" of lateral and 34" of vertical range of motion to align pipe with jaws of fusion machine
- ✓ Can be paired with any of McElroy's MegaMc line of fusion machines, as well as the TracStar 500, 630 and 900 fusion machines
- ✓ Ships on one semi-trailer with fusion machine and generator
- ✓ Quick setup
- ✓ One operator can load, align and fuse pipe
- ✓ Modular design
- ✓ Multiple configurations depending upon the job
- ✓ Minimizes wear and tear on fusion machine
- ✓ Easier to close jaws of fusion machine when properly aligned
- ✓ No double handling of pipe, pipe moves from delivery truck to racks
- ✓ Pipe stays cleaner off the ground



SEE SECOND PAGE FOR DETAILED SPECIFICATIONS

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SPECIFICATIONS

MODELS		POWER		MACHINE DIMENSIONS	
4834001	240V	415V Minimum Power Requirements	7.2 kVA / 6.2 kW	Front Rack Length	173" (4,394.2mm)
4834002	415V			Front Rack Width	30" (762mm)
MAXIMUM LOAD		240V Minimum Power Requirements	7.5 kVA / 6.4 kW	Front Rack Height	38" (965.2mm)
240V Maximum Load	70,000 lbs. (31,751.4 Kg)	MegaMc® PolyHorse® Output Power	5 HP, 380V - 415V, 4,100 Watts, 50 Hz, 3 Ph, 7.2 kVA	Rear Rack Length	173" (4,394.2mm)
WEIGHTS		MegaMc® PolyHorse® Output Power	5 HP, 220V - 240V, 4,100 Watts, 50 / 60 Hz, 3 Ph, 7.5 kVA	Rear Rack Width	30" (762mm)
Machine	11,690 lbs. (5,302.5 Kg)	240V Input Voltage Requirements	220-240V, 50 / 60 Hz, 3 Ph	Rear Rack Height	65" (1,651mm)
Maximum Load Per Stick	10,500 lbs. (4,762.7 Kg)	415V Input Voltage Requirements	380-415V, 50 Hz, 3 Ph	Tracked/Roller Pipe Stand Length	130" (3,302mm)
		Plug type	IEC 60309	Tracked/Roller Pipe Stand Width	91" (2,311.4mm)
		Plug type	NEMA L15-30P	Tracked/Roller Pipe Stand Height	65" (1,651mm)
INCLUDES					
2 rack sets, powered tracked pipe stand, roller pipe stand, lifting sling, 4 outrigger pads, 8 safety cones and remote control.					