

model 14M butt fusion machine



description

The 14M is a highly versatile butt fusion machine that uses centerline applied force. This equipment is able to fuse IPS, metric and DIPS pipe as well as fittings, valves, tees, elbows and pups. The unit's independent locking mechanism on the joining assembly is semi-automatic and holds fusion force throughout the cool-down cycle. The 14M is easy to learn and operate. Expect minimal maintenance costs on your 14M and a rapid return on your investment.

specifications

carriage unit dimensions

Length	15.00 inches	381 mm
Width	18.40 inches	467 mm
Height	15.17 inches	385 mm
Weight	39 pounds	17.7 kg

carriage mounted on frame

Length	41.34 inches	1,050 mm
Width	24.68 inches	627 mm
Height	41.92 inches	1,065 mm
Total Weight (all components)	149 pounds	67.6 kg

capacities

model 14M 3/4 inch CTS thru 4 inch DIPS* 25 mm thru 110 mm*

electrical data

120 VAC Single Phase	Watts	Amps
Facer Motor	660	5.5
Heater	1,500	12.5
Total Power Consumption	2,160	18

240 VAC Single Phase	Watts	Amps
Facer Motor	840	3.5
Heater	1,500	6.25
Total Power Consumption	2,340	9.75

*with the use of optional reducing inserts

*Specifications are subject to change without notice.

features

- ★ True centerline fusion force provides even loading around the circumference of the pipe ends for symmetrical bead formation.
- ★ Accommodates an impressive range of pipe sizes – from 3/4 inch IPS through 4 inch DIPS and 25 through 110 mm.
- ★ Detachable handles can be arranged to permit fusion from either side of the joining assembly.
- ★ Lightweight, symmetrical facing assembly allows mounting onto the joining assembly in either direction.
- ★ Lightweight, narrow-profile heater for easy, one-hand operation.
- ★ Rugged design with no “bells and whistles” means less maintenance expense.
- ★ A superior piece of equipment at an extraordinary price.
- ★ Limited three-year warranty.

options/accessories

Ask us about snap in place liners for fusing smaller diameter pipe and pipe leveling outriggers.

The 14M modular cart has a wide base. Its front wheels rotate 360 degrees and its front axle pivots for easy handling on uneven terrain. All components can be integrated into a single unit for transport to and around the job site.