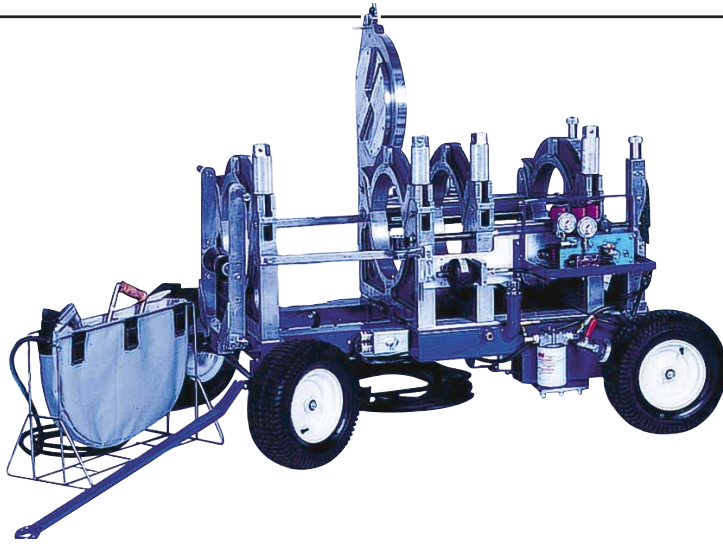


model 314EP butt fusion machine



description

The 314EP is one of the most versatile electric machines on the market today. Its sturdy rectangular frame design provides a rigid and safe fusion platform from which it can handle most fittings, including the fabrication of 12 inch elbows. Its carriage assembly is powered by an electrically driven hydraulic system with a proprietary manifold and gear pump for high reliability. The 314EP is easy to learn and operate. And like all Connectra machines you can expect low maintenance costs and a rapid return on your investment.

specifications

carriage unit dimensions

Length	31.50 inches	800 mm
Width	33.50 inches	851 mm
Height	24.70 inches	627 mm
Weight	267 pounds	112.1 kg
Ground Clearance	4.70 inches	119mm

carriage mounted on frame

Length	65.90 inches	1,674 mm
Width	44.20 inches	1123 mm
Height	38.00 inches	965 mm
Total Weight (all components)	810 pounds	367.4 kg

capacities

model 314EP 3 inch IPS thru 14 inch IPS*
model 314EP-225 mm 90 mm thru 355 mm*

electrical data

120 VAC Single Phase

	Watts	Amps
Facer Motor	1,200	10.1
Heater	2,500	20.8
Hydraulic Motor	1,495	12.5
Total Power Consumption	5,195	43.3

240 VAC Single Phase

	Watts	Amps
Facer Motor	1,152	4.8
Heater	2,500	10.4
Hudraulic Motor	1,495	6.9
Total Power Consumption	5,195	22.1

*with the use of optional reducing inserts

*Specifications are subject to change without notice.

features

- ★ Unique manifold system with a frame-integrated fluid tank prevents overheating of hydraulic oil.
- ★ Preset three individual pressure zones for facing, heating and fusion cycles.
- ★ System has 14,136 pounds of total interfacial force to handle any job.
- ★ Ball bearing facer design driven by a durable electric motor beefy enough to cut thick walled pipe.
- ★ Three-clamp unit quick-releases for in-the-ditch work.
- ★ Hydraulic front pipe lifter with an optional rear manually operated pipe lifter.
- ★ Ported for the DataConnect or other competitive data recorders.
- ★ 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: An integrated side fusion adapter is optional equipment as is a rear pipe lifter.

Connectra offers a complete range of accessories for the 314EP. Ask about reducing and mitered inserts, (available in IPS, DIPS and metric), stub end holder, and pipe stands.