

Fitting Fabrication Machine ATLA1600/63 CNC: Versatile, Affordable and Intelligent

ATLA1600/63 CNC fitting fabrication machine is designed to fabricate fittings like elbows, tees crosses, and wye up to 1600mm. With the help of jaws, it could make different fittings of various sizes. The ATLA1600/63 CNC welding machine could weld plastic materials like HDPE, PP, PVDF. A operation panel with an automatic control system makes the whole welding process in a simple, efficient, and precise way. After setting the welding data (SDR, Pipe diameter, Standard requirement), the welding machine will start welding automatically after alignment phase, so that the operators could mainly focus on the welding process, stay away from other interference. And the build-in memory could record the welding process and report it to the operator by transferring the data from operation panel to computer by USB device, or automatically print it out by a printer.

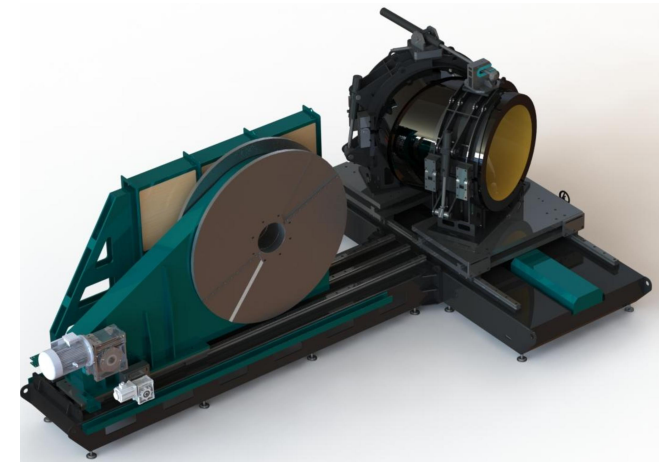
ATLA1600/63 CNC

STANDARD COMPOSITION

- √ Basic machine complete with two carriages, both driven by hydraulic system.
- √ A milling cutter with electric movement in/out, powered by an SERVO motor.
- √ A Teflon coated heating plate with electric movement in/out, powered by an SERVO motor.
- √ Left and right hydraulic elbow clamps ϕ 1600mm/ ϕ 63" with full set of steel inserts from ϕ 1000mm to ϕ 1400mm/ ϕ 36" to ϕ 54".
- √ Left and right hydraulic Crosses clamps ϕ 1600mm/ ϕ 63" with full set of steel inserts from ϕ 1000mm to ϕ 1400mm/ ϕ 36" to ϕ 54".
- √ CNC operation system with welding data logger.
- √ Top fasten cylinder

OPTIONS

- + 45° and 60° Wye clamps ϕ 1600mm/ ϕ 63" with full set of steel inserts from ϕ 1000mm to ϕ 1400mm/ ϕ 36" to ϕ 54".
- + Hydraulic locking
- + Stub end device
- + Narrow clamps for welding short spigot fittings
- + Safety fence



+ Manual operation system

Welding range:  1000-1600mm/36"-63",  1000-1600mm/36"-63",  1000-1600mm/36"-63"

Power Supply: 380/440V, 50/60Hz | Rated Power: 120.0kW | Material: PE-PP-PPR-PVDF

Why you could rely on RIYANG workshop fitting machines? Best Quality From China!

一. Cooperation with world-renowned brands ensures stable quality

1. Core elements PLC are from Siemens/Germany
2. Electricity components are from Schneider/Germany
3. Hydraulic valves are from Taiwan Yuken/China
4. Pressure sensor are from Wika/Germany
5. Proportional valve comes from HydraForce/USA
6. Heater anti-stick Teflon is from DuPont/USA

二. Advanced product philosophy eliminate your worries on operating the machines

1. Heater movement empowered by Servo motor, stable/faster/efficient/quiet.
2. RIYANG patented heater with plug-in heating element avoids the big loss when the heating plate is down.
3. Trimmer movement empowered by Servo motor, stable/faster/efficient/quiet.
4. The trimmer plate is solid with strengthened quality. Two blades on one side for efficient facing.
5. New developed program system achieve more user friendliness and could track every step of the welding procedure
6. Unique and new designed machine enhance the features made by RIYANG. More robust and compact.
7. Powder spraying the whole machine to make it look more delicate and keep it away from rusty.
8. 2years extended warranty years gives more confidence in the service