



Fitting Fusion Machine

—SKC-MA450—



Description:

Usage:

Suitable for making arbitrary Angle bend in the workshop, such as T sharp, cross and Y type pipe fittings (45 °, 60 °) ; Can welding PP, PE, PVDF pipe ; Through the special configuration, also can welding thermal insulation pipe, corrugated tube; Parameters during the welding process in conformity with the relevant welding standard of the ISO, DVS and Chinese welding standards.

Features:

1. The hydraulic power source, to ensure the precision welding stress in the process.
At the same time, the hydraulic system also adopts the advanced buffer design, make the machine running smoothly, without any impact;
2. The workbench can be operated by hand wheel, which can be adjusted advance and retreat, so that to guarantee the pipe welding in the correct position;
3. The heating plate and planning tool moved advance and retreat, which was Controlled by the hydraulic power;
4. Portable console, alone with Siemens PLC with color touch screen, providing a friendly operation interface and Settings;
5. Additive with automatic control program, to realize the key automatic welding process. To ensure the welding quality;
6. The key control components adopt international advanced device to ensure the long-term and reliable work.
7. Independent temperature digital control system to ensure the precision requirements of high quality welding.

Additive project:

1. Extra parts can be welded the 45 °, 60 ° Y (Y) pipe steel clamp and aluminum multilayer liners, Max welding scope DN450;
2. With independent control box, and cooperate with the color touch screen, can record the welding process;
3. Add key automated welding process with procedures;(from beginning with heating pipes to welding finished , need extra projects simultaneously with the above 2 or 3);
4. Add with elbow liners hydraulic clamshell;
5. Add three or four-way liners hydraulic clamshell.

Major Parameter:

Equipment mode NO.	SKC—MA450
Applied materials	PE、 PP 、 PVDF、 Corrugated pipe (configuration may be increased), heat preservation (need to modify the configuration)
Pipe types	0-90°elbow、 T sharp, cross, Y shape fittings 45°or 60°, flange stub
Welded pipe diameter ranges	DN450 mm
Applicable environmental temperature	-5~45℃
Working voltage	AC380V±10 % ,50Hz (Special voltage can be customized)
The total power	16Kw
The temperature control ranges	150℃~290℃ (Digital temperature control and temperature correction)
The final temperature control precision	±5℃
Net weight, Kilo	1900Kg