

## 2. Product Overview

LST600/610 Series Extruding plastic gun is a new type of hot air welder which imported foreign advanced technology, well-developed. It has reached or exceeded the same type products of oversea, filling the domestic blank. The major components (hot air gun and drive motor) are made of imported brand-name accessories, stable performance, long service life; They are two independent systems, one is for preheating raw material, another is for welding rod extrusion. Reasonable structure, convenient operation, continuous welding, high working efficiency, powerful extrusion, to make the weld strength is greatly improved, It is the ideal product for a variety of thermoplastic welding processing.

This product is with two major components, preheating raw material's hot air part and welding rod's extrusion part. Hot air part with adjustable temperature controller to heat automatically, and extrusion part with independent thermostatic heating control system to send hot air independently, It is easy to adjust extrusion speed and use screw extruding for powerful extrusion pressure. Using 220v power supply uniformly to weld plastic sheets, tube and other thermoplastic products, especially for both ends of large diameter hollow wall pipe, producing pipe and repairing pipe and so on.

Available welding materials: thermoplastic HDPE, PP, PVDF, especially PE. Do not apply in a conductive plastic (PE-EL), or cause the machine to produce a conductive short-circuit.

Replacement of the different welding nozzle, can be applied:

- 1) plastic containers's welding, stitching, etc.;
- 2) the large diameter plastic pipe's pipe welding, repairing, splicing, sealing, etc.;
- 3) the thicker plastic membranes, geomembrane splicing, patching and so on.

### **Main technical parameters:**

#### **LST600A High Power hand extruder:**

- 1) Voltage: 220V
- 2) Power: extrusion system drive motor: 800W  
heating systems: heating tube 800W + hot air welding torch 1600W
- 3) Temperature: adjustable air temperature 20 to 600 ° C  
adjustable plastic extrusion heating temperature is 0 ~ 450 ° C
- 4) Preheating air volume: 500L/min
- 5) Welding rod diameter size:  $\Phi$ 3.0mm ~ 4.0mm