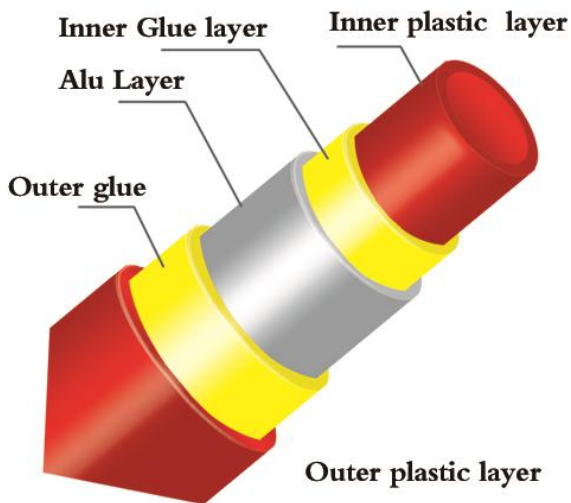


Ultrasonic Overlap Welding AL-Plastic Composite Pipe Line

The Al-Plastics Overlapped Welding machine including below lines: PEX-AL-PEX Pipe Line, PERT-AL-PERT Pipe Line, PPR-AL-PPR Pipe Line, PE-AL-PE Pipe Line.



| Line Model | Extruder Model | L/D | Production Scope | Production Speed | Nominal Power |
|------------|----------------|------------|------------------|------------------|---------------|
| SJ-45 | SJ-45/45/30 | 30/25/25:1 | Φ16-32mm | 12m/min | 93KW |
| SJ-65 | SJ-65/65/30 | 33/33/25:1 | Φ16-63mm | 12m/min | 154KW |



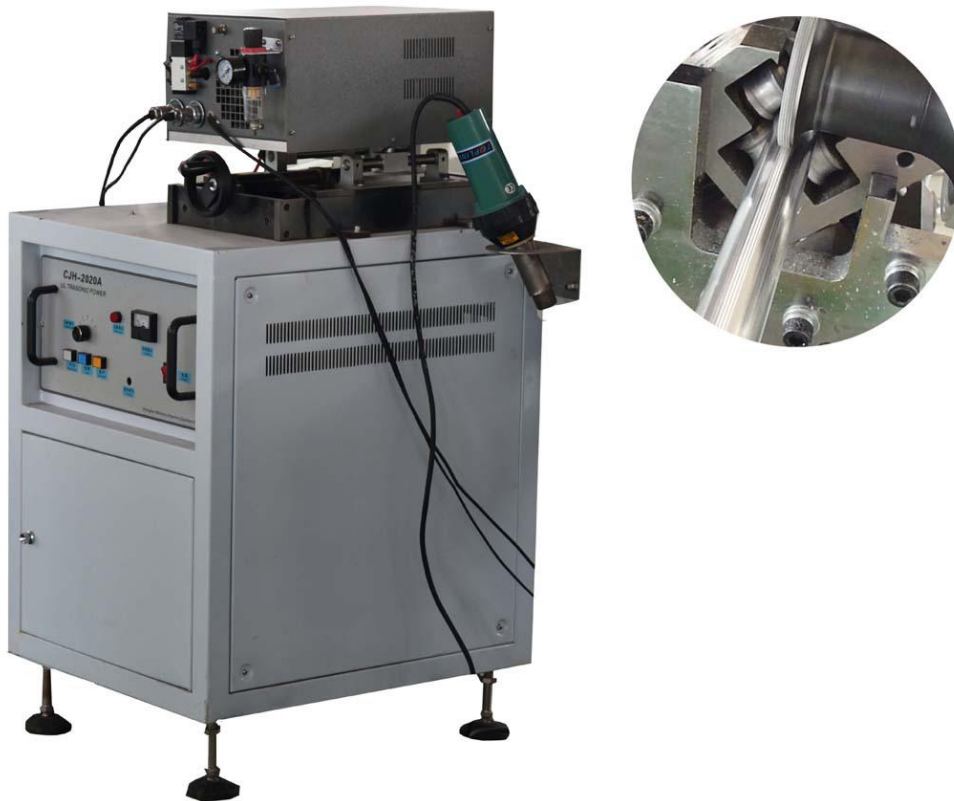
● High Efficient Extruder

© This high efficient extruder of this Al-plastic composite pipe line is specially independently designed by KAIDE company.

© Consists of :

Inner Plastic Layer Extruder, Inner Glue Layer Extruder, Outer Plastic Layer Extruder, Outer Glue Layer Extruder

● Ultrasonic overlap welder



© The Aluminum pipe is formed by ultrasonic overlapped welding. It uses high quality and well-known brand welder, with even welding seam and good quality.

● Aluminum pipe forming moulds

© The technology has been further developed based on original production machine technology.

© The Aluminum pipe forming molds and co-extrusion die head molds have been optimized and manufactured by imported high precise CNC machine, which have greatly increased the pipe forming accuracy and production speed.

● PLC control system

The five layers aluminum plastic pipe line adopts original Siemens new generation PLC control system with full color screen, which ensures the high speed synchronous control and reliable operating of the whole production line.