

PE-AL-PE Gas Pipe Production Line



© High Efficient Extruder

This high efficient extruder of this PE-AL-PE pipe line is specially independently designed by KAIDE company. It includes

- Inner PE Layer Extruder,
- Inner Glue Layer Extruder,
- Outer PE Layer Extruder,
- Outer Glue Layer Extruder

© Ultrasonic Welding Machine

The Aluminum tube was sealed by ultrasonic welding, which adopts high well-known brand welder, with even and strong welding seam.

© 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 PE-AL-PE Pipe Extrusion 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.

◎ **Manufactured PE-AL-PE Gas Pipe**

The PE AL PE GAS PIPES is a product that imposing very quickly and in very short time. It will be the material with more participation in the construction of Gas systems.

The reasons lies in:

- The acceptance by the Gas Distribution Companies
- As material, PE-AL-PE PIPES is much more economical than copper, and it is almost the same cost of galvanized steel pipes;
- Much easier to install, whole system will take 1-2 hours to complete, no need of heavy tools, installation workers can learn fast and save energy;



- The **flexibility** of the pipe has the advantage of NO fittings needed in every change of directions, avoid possibility of gas leaking & save cost.
- **No problem with corrosion;**
- The minimum life time is 50 years.



<https://youtu.be/Prj0yVEGWZI>