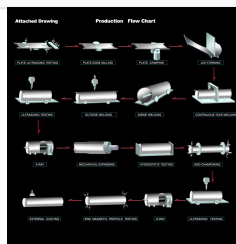


Longitudinal Seam Submerged Arc Welding (LSAW) Pipe Plant

This longitudinal seam submerged arc welding (LSAW) pipe plant utilizes the JCOE forming method. It is designed for producing high-quality, large-diameter welded pipes with superior weld integrity and dimensional accuracy.



ADDITIONAL IMAGES



Overview

JCOE LSAW Pipe Manufacturing Plant

This Longitudinal Seam Submerged Arc Welding (LSAW) pipe plant utilizes the advanced JCOE (J-ing, C-ing, O-ing, Expanding) forming method to produce high-quality, large-diameter steel pipes. Engineered for precision and efficiency, the system integrates plate preparation, forming, and welding processes to ensure superior weld integrity and dimensional accuracy. It is widely utilized in critical infrastructure sectors including oil and gas pipelines, water transport, heat supply, and structural engineering.

Production Capabilities

Annual Capacity

150000 t/a

Max Annual Production

Pipe Manufacturing Range

Parameter	Range
Outside Diameter	406 - 1524 mm
Wall Thickness	8 - 40 mm
Pipe Length	8000 - 12200 mm

Typical Applications

Oil & Gas • Water Supply • Heat Supply • Coal & Mine Slurry • Paper Industry • Architecture

Compatible Steel Grades

X42, X52, X60, X65, X70, X80, Q345

Technical Specifications

Applicable Standards

- ISO3183-3
- API 5L Spec. 5L
- GB/T9711.1
- GB/T9711.2

Pipe Accuracy Tolerances

- Out-of-roundness: $\pm 1\%$
- Straightness deviation: $d0.2\%$ along entire length

Forming Method

JCOE