

Mobile Production - WehoPipe

Polyethylene Piping around the World



In many piping projects around the world, the supply of pipe from permanent factories is either difficult or costly due to logistical reasons – in some cases, even impossible.

The KWH Pipe Mobile Plant enables production of large diameter plastic piping at the installation site, or close to it, anywhere in the world.

Using the Mobile Plant, KWH Pipe can offer all the features of quality, efficiency and “know-how” from production to installation for which the company is recognised all over the pipe world.

For the customer, production with the Mobile Plant offers a number of benefits :

- *Reduced installation costs*
- *Reduced transportation costs*
- *Simplified storage and handling on site*
- *Reduced risk of damaging the pipes during transportation and handling*
- *Production on site enables the customer to monitor the progress*
- *Flexibility in production*



Product

WehoPipe solid wall polyethylene pipe (PE-HD)

Output

700 – 1,100 kg/h

Size Range

630 – 1,600 mm

Availability

Anywhere in the world

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The Mobile Plant comes to the site in standard containers. The production line set-up is designed for minimized site assembly for fast mobilisation. Where the electric grid is unstable or connections are impossible, mobile generators can be used.

The equipment in the mobile extrusion plant is the most technologically advanced anywhere in the world to-day. Skilled KWH Pipe personnel using efficient extruders and customized equipment, guarantee fast production of the highest quality.

KWH Pipe's Project Services department is responsible for marketing and operating the plant worldwide. In addition to alternative production options, Project Services can offer complete projects, including design, welding services, supervision, consulting and contracting for piping projects worldwide.



Technical Specification

Extruders	Twin 90mm Extron - High capacity extruders
Dryer	Desiccant dryer, 1,200kg/h. Drying raw material to 0.01% humidity. Dew point -40° C.
Tools	Interchangeable extruder tools - 900 and 1,200mm die-head enabling pipe range from 630 - 1,600mm.
Calibration	Pressure Calibration
Cooling	Cooling distance 3 x 10 metres.
Haul-off	12 crawler haul-off. Speed range from 0.0076 to 2.27m/min. Pulling force 120 kN.
Cutting	Saw unit with four circular saws. Feeding speed adjusted to wall thickness and extrusion output.
Conveyors	Complete set of roller conveyors for either short or long-length production.
Compressors	Two alternating compressors. Capacity for each compressor: 3.1 m ³ /min.
Cooling module	Closed cooling water circuit minimizes the need for water. Water temperature is controlled by a chiller with a cooling capacity of 248 kW.