

350,000 TPY PARAXYLENE PLANT FOR SALE

Capacity: 350,000 TPY

Year Built: 1969

Shut Down: 2008

Raw Materials: Mixed xylene

Technology: ExxonMobil Xylene isomerisation reaction process
Crystallization separation process

Major Equipment:

- Isomerisation Pre-Heat Train and Reactors
- Isomerisation Tailing and Topping Stills
- Crystallization Pre-Cool Train
- Crystallisation Unit
- Purification Unit
- Recycle Centrifuges
- Product Depentanisation Train
- Pentane Recovery unit
- Refrigeration Systems
- Aromasol Column



BRIEF PROCESS DESCRIPTION

The plant produces high purity Paraxylene. The process converts mixed xylenes into paraxylene, and recovers high purity paraxylene using crystallisation technology to separate paraxylene from the other xylene isomers (ortho and meta-xylene) and ethyl benzene.

The Paraxylene Process consists of two main sections referred to as the "Hot End" and "Cold End".

The Hot End comprises "Isomerisation" and "Distillation" operations that deliver paraxylene rich material to "Crystallisation" where a crude paraxylene product is separated from the paraxylene depleted mother liquor. The Cold End comprises Crystallisation and 2 recovery stages, "Purification" and "Recycle", where paraxylene is recovered by successive crystallisation and centrifuging of the crude product from Crystallisation section.

CONTACT US FOR MORE DETAILS

Phoenix Equipment Corporation
www.phxequip.com
+1 732 442 6990

Jesse Spector
plants@phxequip.com

Edward Zhang
Plant Sales Manager
plants@phxequip.com