



High Grade Lump Iron Ore Pre-Beneficiation Plant - 550tph

550 tph high grade lump iron ore *Magnetite - locally hematite*

Taslitepe has been completed as turnkey project in 2016 in Sivas/Turkey. Customer is DE that one of the biggest iron ore manufacturer in Turkey.

The Project process laboratory studies complete in 6 months and more than 300 different combinations are experienced according this iron ore. Mineralogical and beneficiation studies are completed by Birikim and joint venture laboratory company.

That project is uniq with its process. Because magnetite and partial hematite beneficiation combined here.

All construction and equipment manufacturing completed in 12 months.

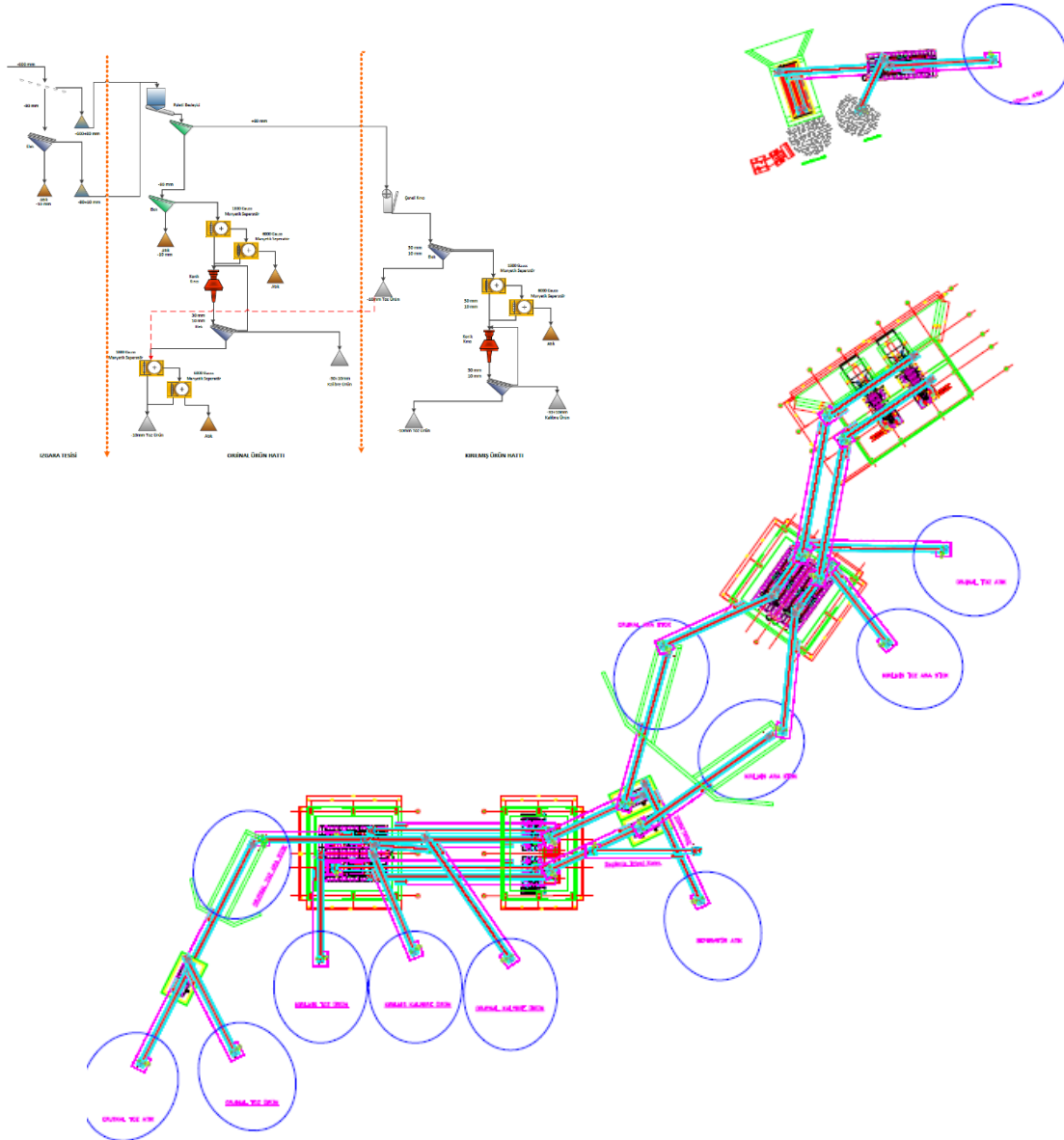
PROCESS EQUIPMENTS

- GRIZLY FEEDER
- JAW CRUSHER – 2 UNIT
- CONE CRUSHER – 2 UNIT
- SCREENER – 4 UNIT
- HIGH INTENSITY MAGNETIC SEPARATORS – 3 UNIT
- LOW INTENSITY MAGNETIC SEPARATORS 3 UNIT

Plant is designed for high grade magnetite ore. But mining zone locally has hematite area where transition zones need high intensity magnetic area compared magnetite ore. Because of this, the plant has different magnetic intensity magnetic separators and different particular size fractions for magnetic beneficiation applications seperated as magnetite and hematite.

Plant inlet capacity 550 tph.

PFD & PLANT PROJECT



For watching video:
<https://www.youtube.com/watch?v=dImF1fsVtCE&>