

# Pilot Plants - Milazzo

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## Vacuum Distillation Column

- Feedstock: crude e semi-processed oil
- Operation: atmospheric and vacuum distillation
- Vacuum: < 5 mbar
- Max Capacity: 2000 g/h

## Short Contact Time/Catalytic Partial Oxidation (SCT/CPO)

- Main Reactor: Water Gas Shift, PSA Separation
- Feedstock : Natural Gas, GPL
- Comburent: Air, O<sub>2</sub>
- Max Operating Temperature: 1100°C
- Max Operating Pressure: 30 bar
- Max Capacity : 200 Nmc/h H<sub>2</sub>



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## Fixed Bed Hydrocracking (2 reactors)

- Feedstock: residues, heavy distillates
- Max Operating Temperature: 450°C
- Max Operating Pressure: 190 bar
- Max Capacity: 2.000 g/h

## Ebullated Bed Hydrocracking (3 reactors)

- Feedstock : residues, heavy distillates
- Max Operating Temperature: 466°C
- Max Operating Pressure: 200 bar
- Max Capacity : 4.000 g/h

