



- Year/Month : 2011/06
- Client/Owner : KINORI
- Engineer : ILSHINAUTOCLAVE
- Location : SEONGNAM. REPUBLIC OF KOREA

TITLE

Supercritical CO₂ Debinding system
– Wax or binder removal process

PROCESS

Removal Condition	380kg/cm ² at 80°C
Total Output	1.2 ton/day
Production Time	3hr/day x 2set

MAJOR APPLIANCES

Extractor	20ℓ x 2 units / 40ℓ x 2 units
Max. Working Pressure	700kg/cm ²
Quick closure Clamp	
Separator	50ℓ x 2 units / 15ℓ x 1 units
HP Pump	5 HP x 2 unit
Max. Working Pressure	400kg/cm ²
Max Flow Rate	2ℓ/min
Pre-Heater	Shell & Tube Type x 2 units
Condenser	Double Pipe Type
CO ₂ Reservoir	120ℓ x 1 units

(Certificate of Korean Gas Safety inspection)

FEATURE

- Continuous process
- Automatic system
- Conform with High-pressure Gas Safety Regulation
- Certificate of Korean Gas Safety inspection

STRUCTURE

