



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

TITLE

Supercritical CO<sub>2</sub> Debinding system

- Wax or binder removal process (ワックスやバインダー除去工程)

PROCESS

Removal Condition	380kg/cm <sup>2</sup> 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 <sup>2</sup>
Quick closure Clamp	
Separator	50ℓ x 2 units / 15ℓ x 1 units
HP Pump	5 HP x 2 unit
Max. Working Pressure	400kg/cm <sup>2</sup>
Max Flow Rate	2ℓ/min
Pre-Heater	Shell & Tube Type x 2 units
Condenser	Double Pipe Type
CO <sub>2</sub> Reservoir	120ℓ x 1 units

(韓国ガス安全公社の検査)

FEATURE

- 連続加工が可能な超臨界脱脂設備
- プラント設備システム全体の自動化
- 高圧ガスの安全規定による許可、専門施工
- 韓国ガス安全公社の検査

構造図

