



- Year/Month : 2006/06
- Client/Owner : OTTOGI
- Engineer : ILSHINAUTOCLAVE
- Location : EUMSEONG, REPUBLIC OF KOREA

TITLE

Supercritical CO₂ extraction system
 – Sesame oil extraction production (Sesame extraction system)

PROCESS

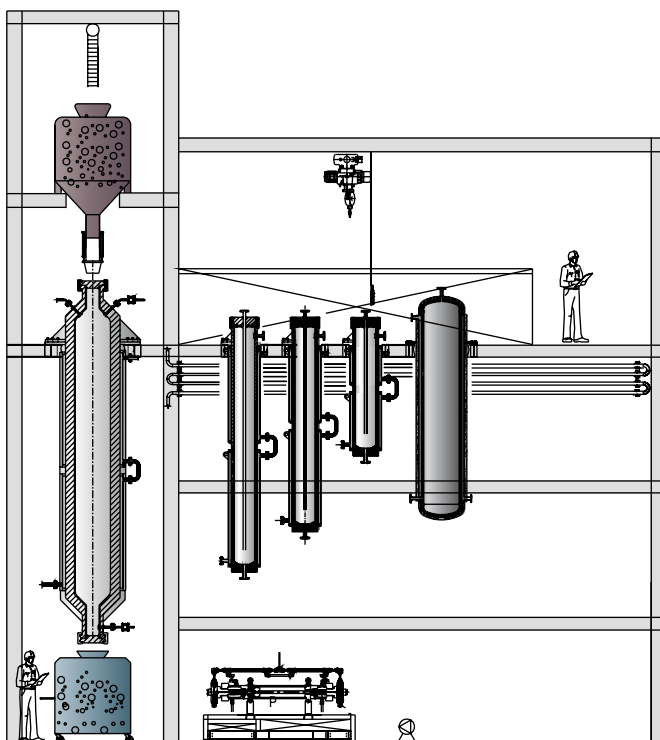
Extraction Condition	400kg/cm ² at 80 °C
Total Output L	30 ton/day
Production Time	20hr/day x 3set

MAJOR APPLIANCES

Extractor	2300ℓ x 3 units
Max. Working Pressure	450kg/cm ²
Quick Closure Type Cover	
Separator	
1st	600ℓ x 3 units
2nd	500ℓ x 3 units
3rd	300ℓ x 3 units
HP Pump	190 HP x 6 unit
Max. Working Pressure	450kg/cm ²
Max Flow Rate	160ℓ/min
Pre-Heater	Double Pipe Type x 6 units
Condenser	Shell & Tube Type x 9 units
CO ₂ Reservoir	1,500ℓ x 4 units
Liquid CO ₂ Tank	50ton + 20ton (x 1 units)

(Certificate of Korean Gas Safety inspection)

STRUCTURE



FEATURE

- Sesames exclusive extraction system
- Automatic system
- Conform with High-pressure Gas Safety Regulation
- Certificate of Korean Gas Safety inspection