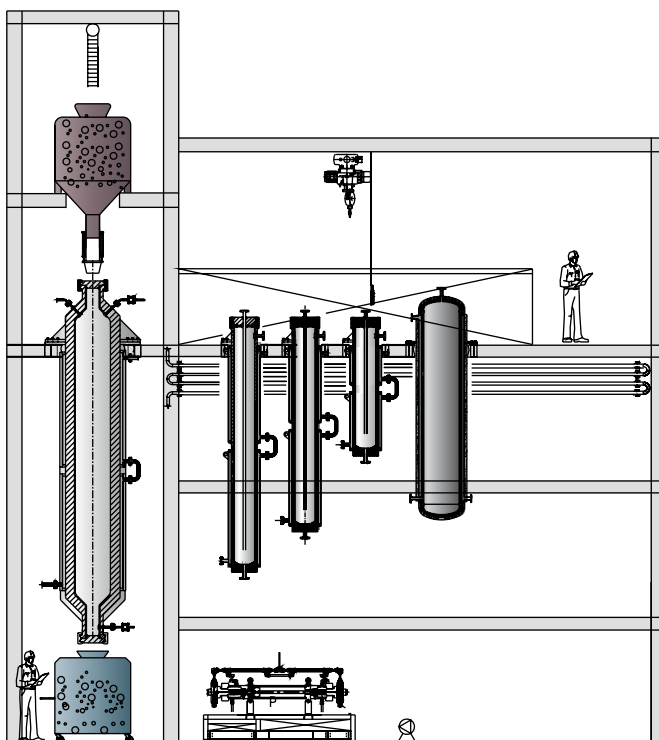




構造図



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

## TITLE

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

- Sesame oil extraction production (ゴマ油抽出生産)

## PROCESS

Extraction Condition	400kg/cm <sup>2</sup> at 80℃
Total Output L	30 ton/day
Production Time	20hr/day x 3set

## MAJOR APPLIANCES

Extractor	2300ℓ x 3 units
Max. Working Pressure	450kg/cm <sup>2</sup>
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 <sup>2</sup>
Max Flow Rate	160ℓ/min
Pre-Heater	Double Pipe Type x 6 units
Condenser	Shell & Tube Type x 9 units
CO <sub>2</sub> Reservoir	1,500ℓ x 4 units
Liquid CO <sub>2</sub> Tank	50ton + 20ton ( x 1 units)

(韓国ガス安全公社の検査)

## FEATURE

- 粉体試料(ゴマ類)専用の抽出設備
- 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