HEAVY DUTY

Twin Screw Press BS-49 for Rendering

ASTW has modernized and redesigned the trusted Stord type twin screw press to be specifically suitable for the low temperature red meat rendering industry. The first of the new model is operating successfully in a pure beef rendering plant in Australia.

Short length
The new press has a shorter press length optimized for rendered products, heavier foundations and a more robust cage structure than the old press, originally designed for fishmeal production.

Stainless Steel Screws
The press screw flights are solid stainless steel, not just mild steel with stainless cladding. The diameters of the shafts have been enlarged at the in-feed end to further reduce the risk of shaft breakages when pressing dense beef bones.

Step drilled screws
The new screens are not the typical thin screen with a backing plate which sometimes tear under pressure from beef bones, but single thickness, step drilled, stainless steel screens.

Roller bearings
The forged steel shafts give maximum drive strength and are supported by large spherical roller bearings enclosed in an oil bath. No more faulty oil pumps!

Shaft mounted gear box
The shaft speed reduction is now delivered by an external, shaft mounted SEW gearbox with VSD speed control.
TECHNICAL DESCRIPTION:
TWIN SCREW PRESS BS-49 FOR RENDERING

- Capacity up to 18 tons input/hr.
- 45 KW motor.
- Short design with press volume optimized for rendering products.
- Heavy duty foundation and cage with shorter distances between cage bridges.
- Solid stainless steel screws.
- Step drilled, thick stainless steel screens.
- Large spherical roller bearings enclosed in oil bath, no oil pump.
- Forged shafts for maximum strength and safety factor.
- Larger shaft diameter and bearings at in-feed end, no more shaft breakage.
- Internal gear box with only 2 large gears for division left/right rotation, no reduction.
- External shaft mounted SEW gear box where all the speed reduction takes place.
- Bottom screw in trough to convey out solids.
- Internal nozzles for spray cleaning.
- Easy to service and repair.
- Net weight 18,000 kg.

CALL FOR A QUOTE

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