

SLUDGE TREATMENT

SLUDGE HANDLING SYSTEM

Primary sludge

Sludge originating from treatment units, Inorganic in nature which required Stabilisation before dewatering.

Consistency : 1-4%

Equipment : Sludge digesters, stabilisation Ponds, Thickeners, Centrifuge, Belt filters, Filter Press, Sludge Drying beds.

Biological sludge

Sludge originating from biological process and are stabilised.

Consistency : 1-1.5%

Equipment : Thickeners, Centrifuge, Belt filters, Filter Press, Sludge drying beds.



Thickener

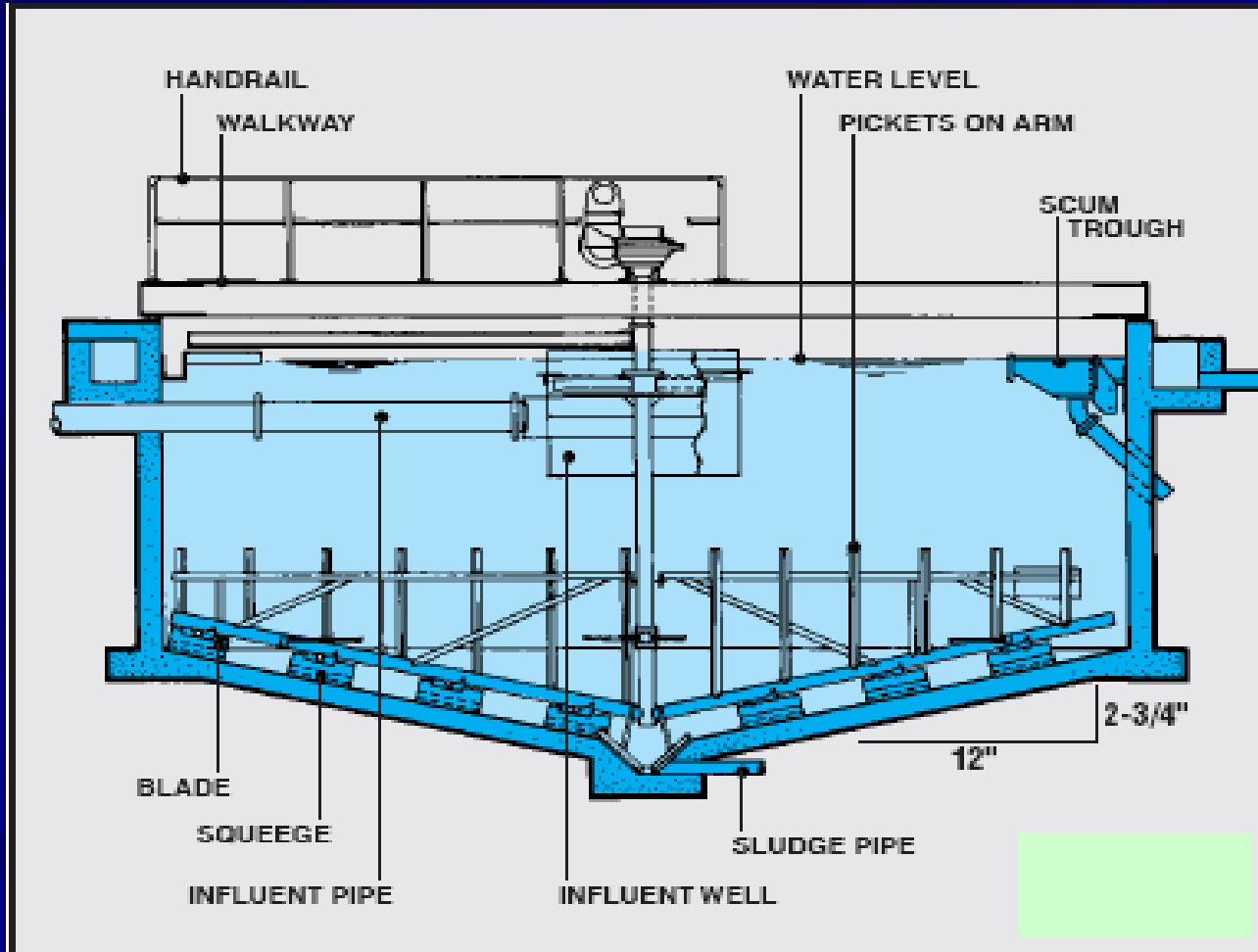
Fixed / Rotating bridge, with/without scum skimmer

Sludge dewatering units

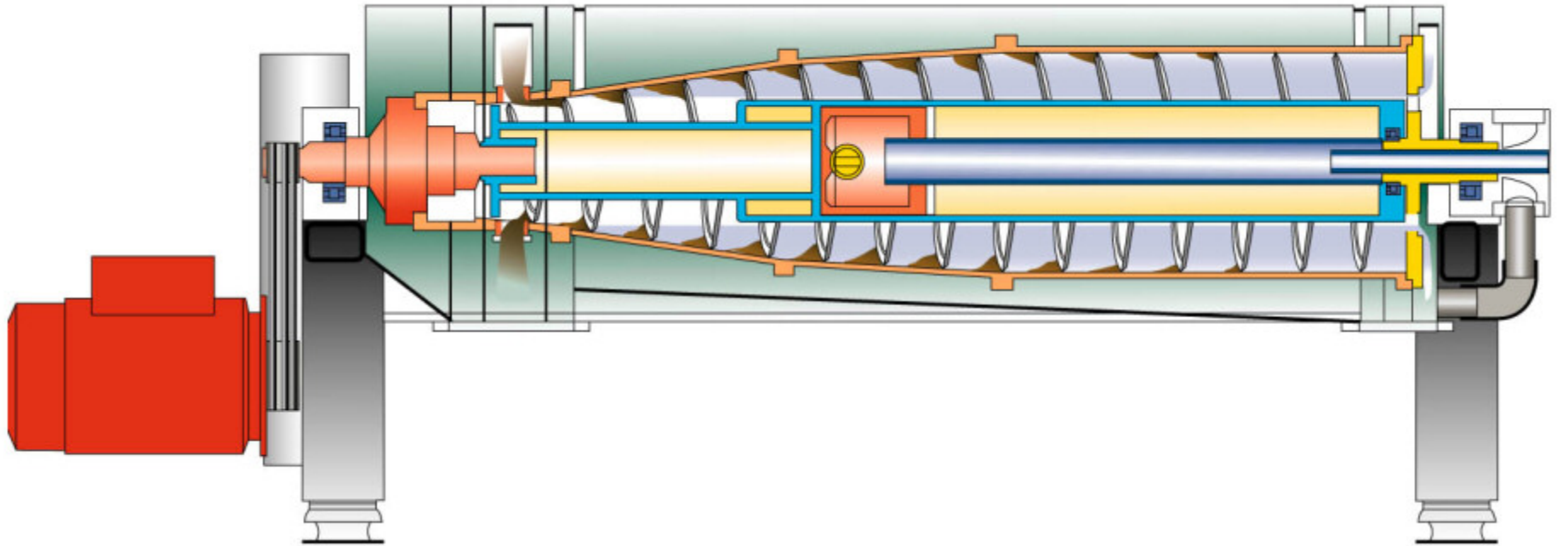
Rotary vacuum filters, centrifuge, belt press, plant and frame filter press.

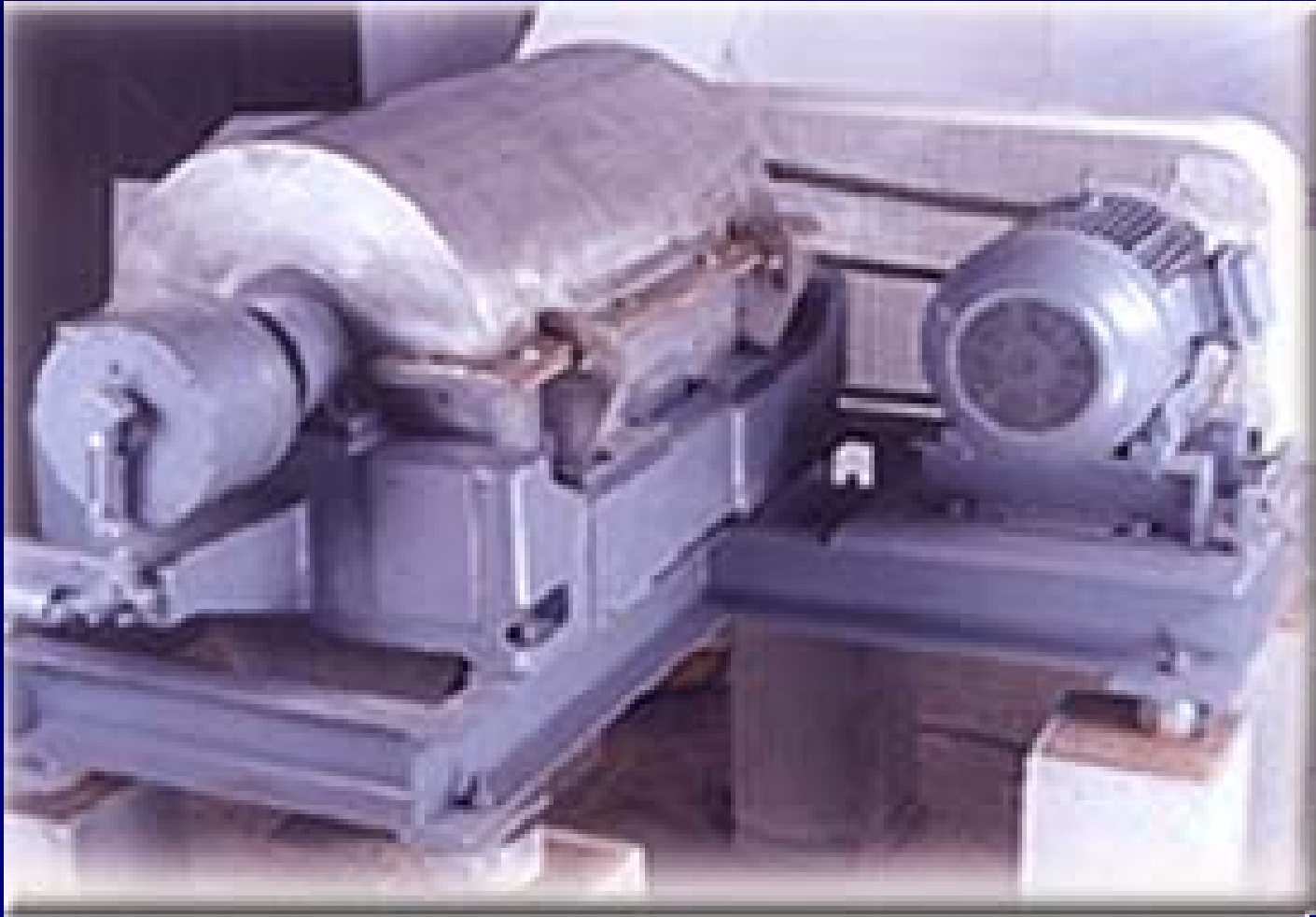


THICKENER



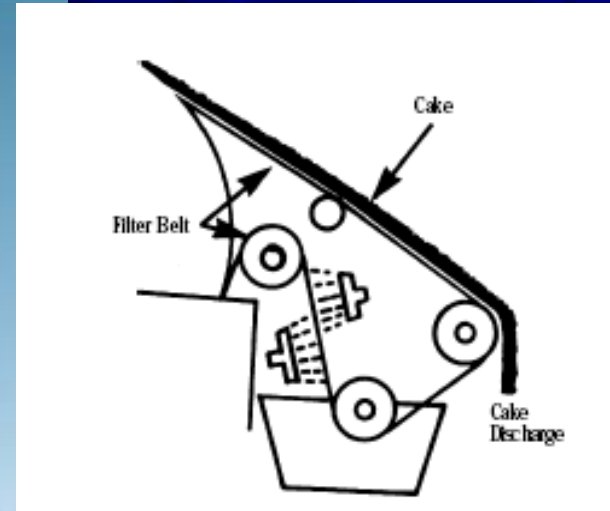
SOLID BOWL CENTRIFUGE



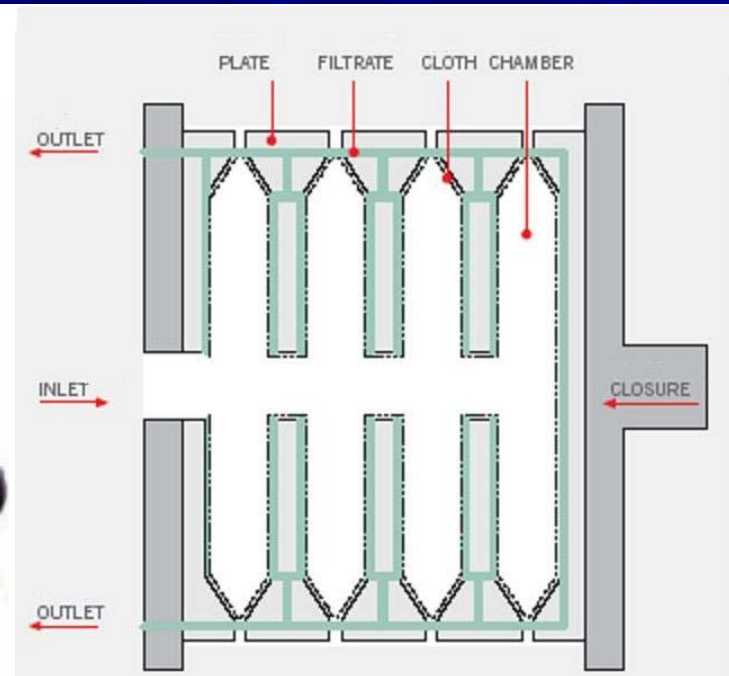




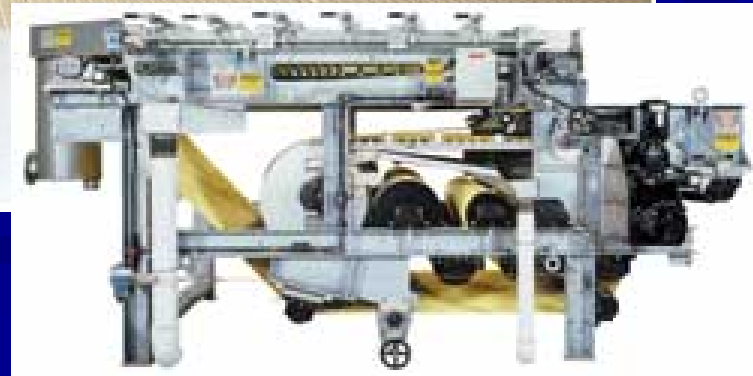
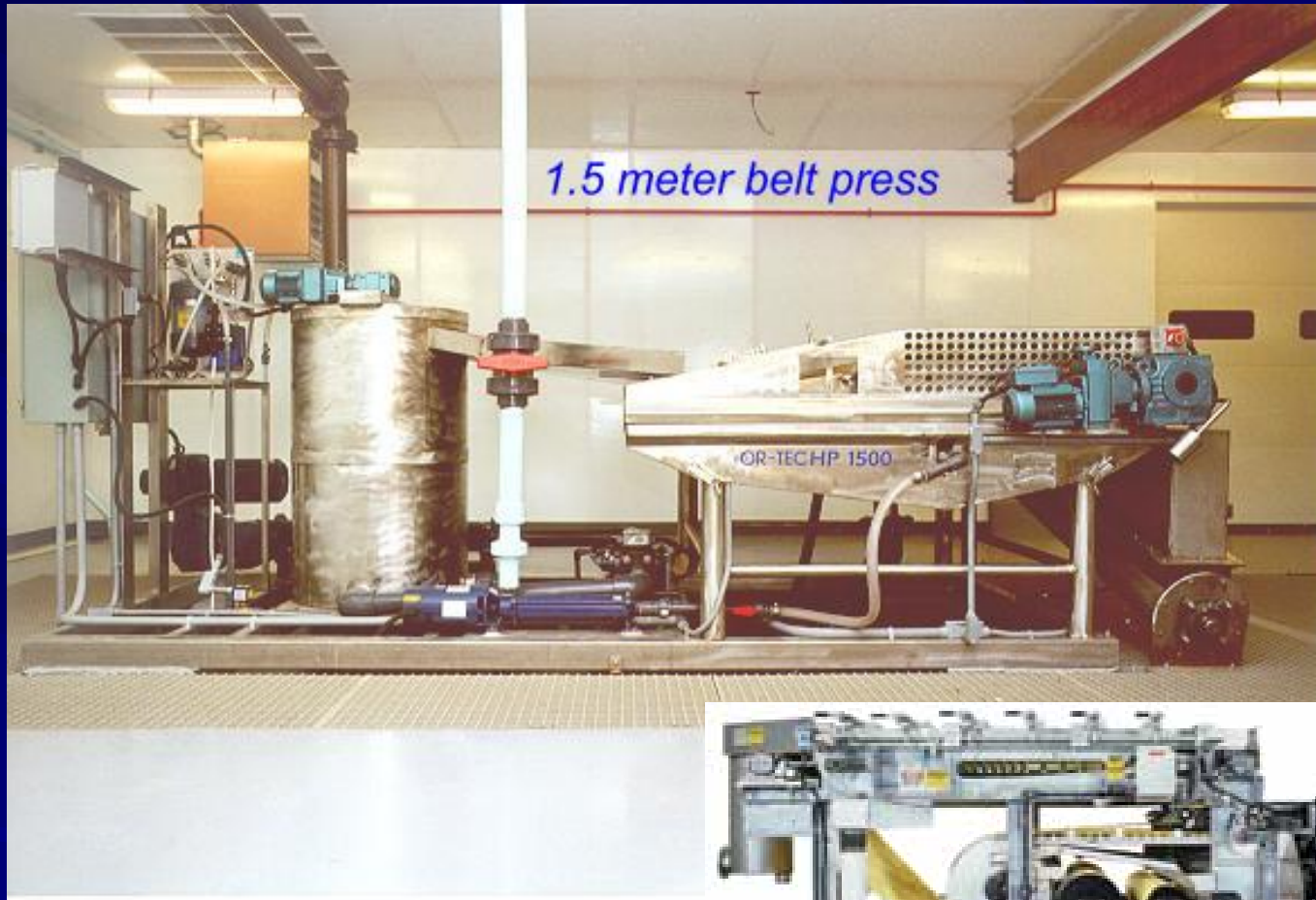
VACUUM DRUM FILTER



FILTER PRESS



BELT PRESS



SLUDGE DRYING BED

