

"...Because it Works!"

KONTEK

PROCESS WATER MANAGEMENT

CONREC

Filter Press

Solids Dewatering



Reduce Total Waste Volume Costs

Quickly transform your liquid discharge into a solid form that passes the slump test.

Our **CONREC** Filter Press consistently transforms 2 - 5% solid solution into 30 - 35% solid sludge cakes for easy disposal.

Paired with a **CONREC** Sludge Dryer, your filter press is an important step in achieving Zero Liquid Discharge - ZLD.

Positioned over a **CONREC** Sludge Dryer, your **CONREC** Filter Press will automatically unload sludge cakes when the press cycle is complete.

Durable- Built for long-term use, **CONREC** filter plates and welded frames are extremely durable and corrosion resistant.

Efficient - Spend less on waste disposal while sustaining low operating and maintenance costs.



Kontek Process Water Management
16704 150th Avenue, Suite A
Spring Lake, Michigan, USA 49459

Kontek Process Water Management
3250 Harvester Road, Unit 1
Burlington, Ontario, Canada L7N 3W9

kontekwater.com
Ph: 877.332.8366
sales@kontekecology.com

Industrial Source Water Purification - Wastewater Recovery & Treatment - Solids Dewatering

CONREC Filter Press System

A **CONREC** Filter Press is factory-tested and pre-set to perfectly match your customized process

SIZE

Batch volume can range from half of a cubic foot to 100 cubic feet.

PLATE SIZE

The selection of plates are based on your waste volume and operating objectives, ranging from 470mm to 1500mm.

LEG EXTENSIONS

Conveniently place your press above your sludge dryer, disposal drum or roll-off container with stanchions.

HYDRAULIC CLOSURE

Larger presses are equipped with a proprietary automatic hydraulic pump with air filter, regulator and lubricator for smooth operation. Small presses with smaller batch loads can operate with manual and pump hydraulics.

CONTROLLED PUMPING

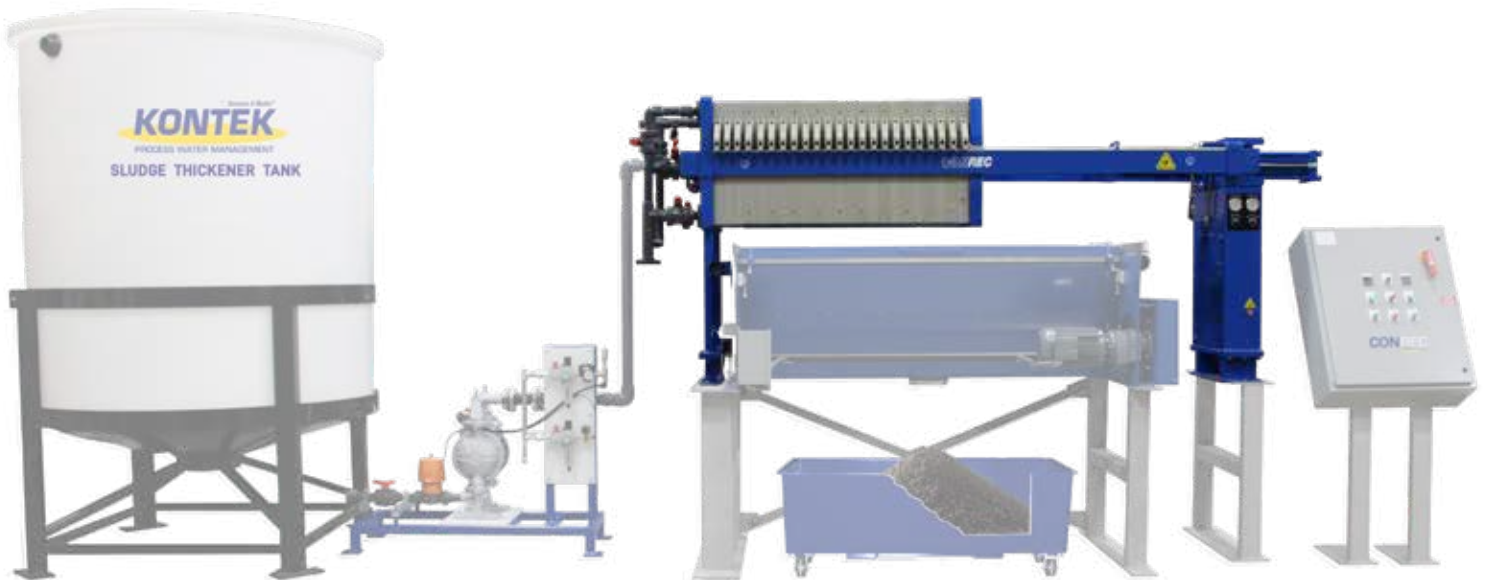
PPC systems gently feed sludge, coating the cloth with a thin even layer of solids. The **CONREC** Filter Press reaches its maximum pressure at 80 PSI. Controlled escalation of sludge feed pressure delivers efficiency and prevents cloth soiling.

Technical Specifications

- Heavy-duty welded cold rolled steel or stainless steel frame
- Durable hydraulic pumps and cylinders
- Stainless steel rail caps for rugged use
- Two coats of corrosion-resistant epoxy paint
- Gasketed or non-gasketed one-piece molded polypropylene corrosion-resistant filter plates
- Patented follower tail plate swivel joint for precise alignment
- Plate shifters
- Pump pressure control system (PPCS)
- Sludge removal hoppers
- Safety features: splash guards and light curtains

Consistently transform 2 to 5% of solid solution into 30 to 35% solid sludge cake for easy and cost efficient disposal

Full CONREC Solids Dewatering System



Filter Press can be fitted perfectly to a full Kontek solids dewatering system on top of our Conrec sludge dryer.



Industrial Source Water Purification - Wastewater Recovery & Treatment - Solids Dewatering