

"...Because it Works!"

KONTEK

PROCESS WATER MANAGEMENT

CONREC

> Filter Press System



**Designed For
Long-term Rugged Use
In Solids Dewatering**

Reduce Your 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.

**An ISO 9001 Company
Established 1980**

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Industrial Wastewater Recovery & Treatment • Source Water Purification

CONREC Systems Fit Your Process Perfectly

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 470 mm to 1500 mm

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 hand-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

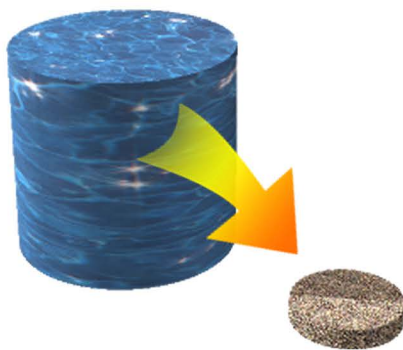
- Controlled escalation of sludge feed pressure delivers efficiency and prevents cloth soiling

Features and Benefits

- 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

CONREC Filter Press Systems

The Complete System



Consistently transform
2 to 5% of solid solution into

30 to 35% solid sludge cake
for easy and cost efficient
disposal



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Filter Press

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