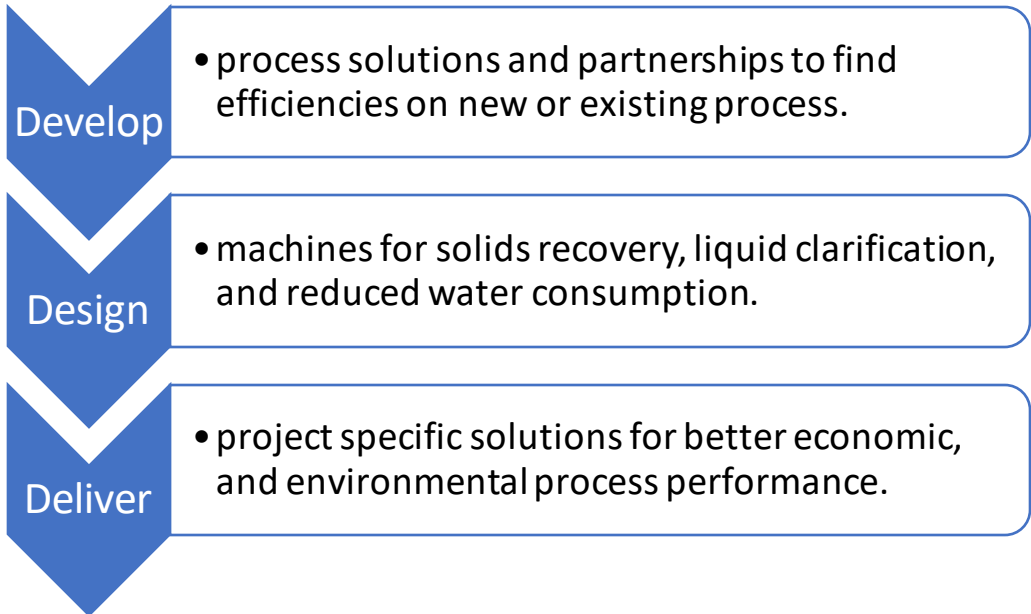


Industrial and Municipal Process Equipment Packages



Winery



Dairy



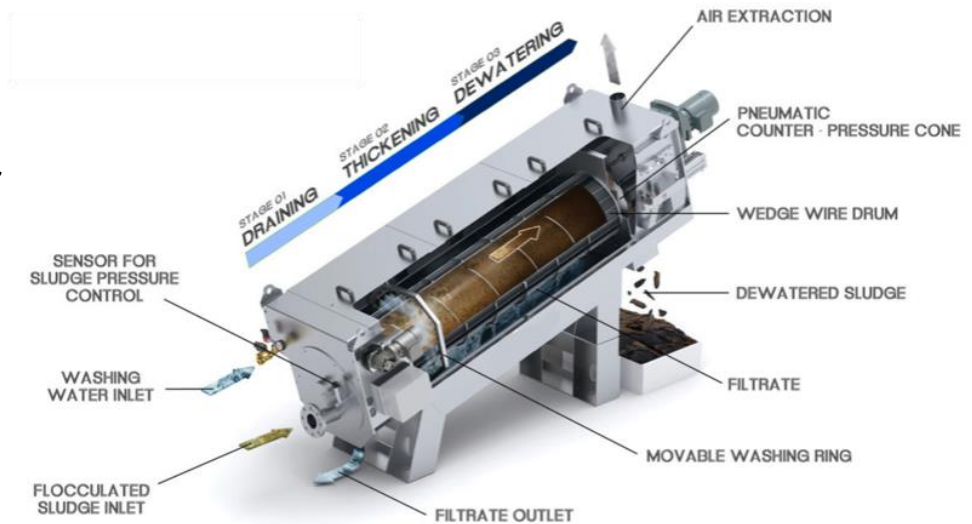
Municipal Wastewater



DRYPRESS TECHNOLOGY

The Drypress Screw Press provides a unique, cost effective solution for dewatering of municipal and industrial sludge. The equipment is designed to thicken and dewater Municipal and Industrial Waste Sludge to a high cake dryness.

The sludge is fed to the machine via pump or inlet hopper into a cylindrical progressive three stage wedgewire or perforated drum.



STAGE 1 DRAINING

STAGE 2 THICKENING

STAGE 3 DEWATERING



The flocculated sludge enters the the Drypress, the liquid fraction drains immediately

A progressive and gentle compression of the sludge against the drum thickens the sludge.

Sludge is pressed against counter pressure cone, to achieve a high cake dryness.

Drum up to $\varnothing 47''$ $\varnothing 1200\text{mm}$

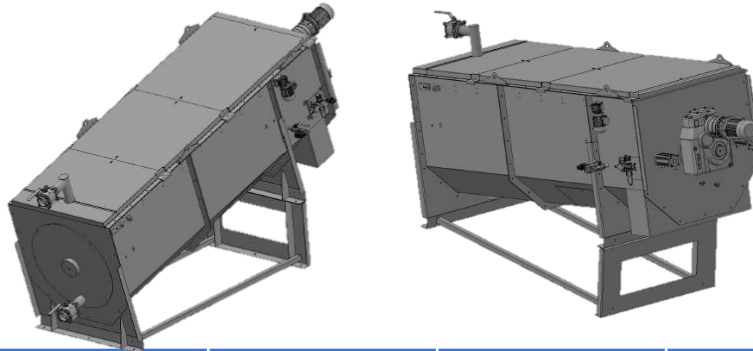
FEATURES

- ✓ Automatic operation
- ✓ High quality and Reliability
- ✓ Continuous functioning
- ✓ Quick and easy installation
- ✓ Low energy consumption
- ✓ Innovative washing System
- ✓ Dewatering and discharge in one equipment
- ✓ Manufactured in Stainless Steel AISI 304 and 316(L)
- ✓ Welding pickled and passivated
- ✓ Easy removable covers for hygienic inspection
- ✓ Odour and Insects containing covers
- ✓ Low and easy maintenance
- ✓ Rubber scraper bolted to screw to clean drum.
Longer-lasting, gentler on sludge.

With over 100 worldwide references, the **DRYCAKE Screw Press** is a proven solution for your dewatering needs

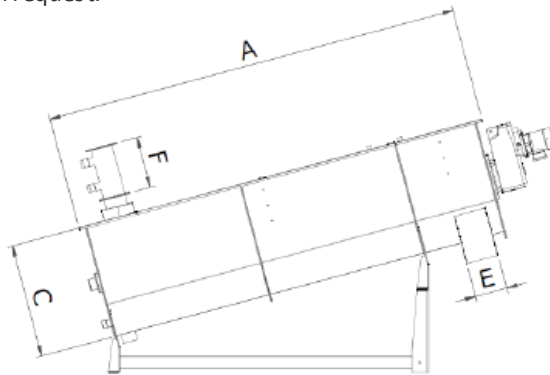


MODEL & DIMENSION



Model	Weight lbs. (kg)	Power installed HP (kW)	Inlet	Outlet
DSP200	550 (250)	1/2 (.37)	2"	2"
DSP400	860 (390)	3/4 (0.55)	2"	3"
DSP400L	1170 (530)	3/4 (0.55)	2"	3"
DSP700	1650 (750)	1.5 (1.1)	2"	4"
DSP900	2225 (1010)	2 (1.5)	3"	6"
DSP1200	2225 (1010)	2 (1.5)	3"	6"

- Capacity change according to the type of sludge and the concentration of solids
- Information on larger models available on request.



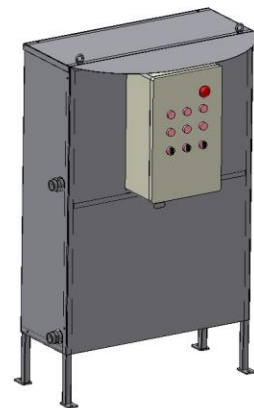
Dimensions Inch (mm)	DSP200	DSP400	DSP400L	DSP700	DSP900	DSP1200
A	91 (2310)	110 (2800)	138 (3500)	169 (4290)	201 (5100)	171(4345)
B	19.7" 500	26 (650)	26 (650)	33 (850)	43 (1100)	65(1659)
C	24 (610)	25 (640)	25 (640)	33 (840)	39 (1000)	65(1645)
D	0-15°	0-15°	0-15°	0-15°	0-15°	0-15°
E	9 (230)	9 (230)	9 (230)	17 (430)	17 (430)	10 (260)
F	16 (400)	16 (400)	16 (400)	9 (230)	9 (230)	9 (230)

COMPLETE SYSTEM

The DSP DRYCAKE Screw Press is offered as a skid system completely supplied by DRYCAKE complete with pumps, flow meters, discharge conveyors, and polymer system.



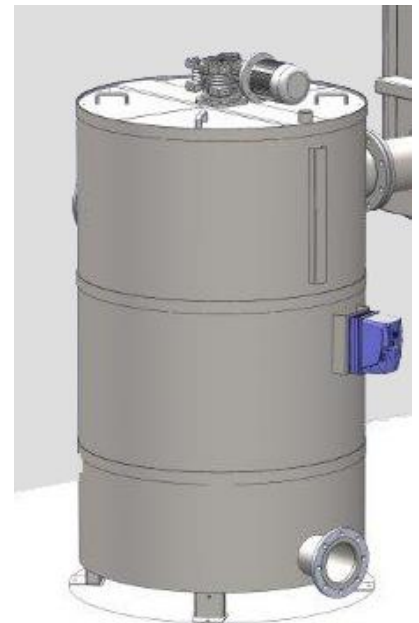
SKIDS



POLYMER SYSTEM



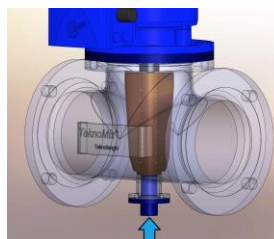
BIOSOLIDS CONVEYOR



FLOC REACTOR



FEED PUMPS



IN LINE MIXER

EQUIPMENT RANGE

Mechanical Dewatering

- Decanter Centrifuge
- High Speed Centrifuge
- Gravity Belt Press Thickener
- Belt Press
- Scrudrain: Screw Thickener
- Screw Press
- DRAIMAD Dewatering bag skid

Thermal Systems

- Sludge Dryers
- Evaporators

Screening

- Multi-Rake Bar Screens
- Perforated Plate Screens
- Internally Fed Drum Screens

Grit and FOG Removal Systems

Solid Waste

- Material Sorting & Screening

Polymer Preparation

- Dry & Liquid polymer systems

Materials Handling Systems

- Shaftless Screw Conveyors
- Belt Conveyors
- Live Bottoms
- Silos
- Sorting Lines
- Shredders

Pumping

- PC Pumps

APPLICATION FIELD

By PROCESS

- Aggregates conveying
- Biomass drying
- Biomass gasification wastewater treatment
- Biosolids reduction
- Biosolids stabilization (Class A)
- BOD reduction
- Cogeneration
- Dewatering:
 - Aerobic sludge
 - Anaerobic sludge
 - Lime & Alum sludge
 - Mixed industry sludge
 - WAS sludge
- Evaporation
- Enzymatic Inactivation
- Fish processing
- Flour enhancement
- Head works
- Heat treatment
- Kelp processing
- Bulk materials Handling
- Leachate treatment
- Oil separation
- Paper sludge de-inking
- Plastics separation
- Pump station screening
- Pulp Recovery

By INDUSTRY

- Airports
- Biomass gasification
- Cement factory
- Dairy Industry
- Die Casting Industry
- Flour Mill
- Landfill
- Municipal WWTP
- Paint Factories
- Petro-chemical refinery
- Pulp & Paper industry
- Potato plant
- Rendering plant
- Slaughtering plant
- Tar Sands
- Quarries