



DeWater® CSP
Compactor Screw Press



DeWater® CSP-250

PEWE DeWater® CSP Systems

The **DeWater® CSP** compactor screw press consists of an auger screw assembly, transport tube, drainage section, press section and mechanical drive system. The **CSP** is supplied with a flanged inlet, flanged solids discharge, and a drainage fitting. The **CSP** is designed to extract moisture from wet solids. The unit utilizes a screw to compress and transport the solids while allowing the squeezed liquid to drain off.

DeWater® CSP Design

The **DeWater® CSP** features a perforated inlet trough plate that allows for free drainage. The enclosed screw assembly will consist of a shaftless spiral with a fitted brush and is directly coupled to a gear motor. The press zone consists of a cylindrical wedgewire insert, shower manifold and access doors. The **CSP** unit comes with support posts and base plates. The **CSP** can be ordered with a **PEWE Command Control® RX panel**.

DeWater® CSP Operation

The **DeWater® CSP** compactor screw press receives influent through the flanged inlet hopper and the incoming stream is accepted into the drainage section. There the free liquid is allowed to pass through a drainage fitting and is removed for further processing. Solids are then conveyed by the auger screw through the transport tube towards the press section. Prior to the press zone, the conveyed solids are washed. The solids are then compacted in the press zone and the liquid removed via the pressing action is collected and combined with the free water from the drainage section. It can now be directed to a drain or elsewhere for further processing.

Compactor Screw Press High & Dry Solids

- BAKERY
- BREWERY
- FOOD PROCESS
- MEAT
- MUNICIPAL
- PETROCHEM
- POULTRY
- PULP & PAPER
- SEAFOOD
- VEGETABLE
- WINERY
- WASTEWATER

Application	Municipal				Flow	Capacity
Model	Auger inches	Diameter mm	Shaft inches	Diameter mm	Yds ³	M ³
CSP-150	5.5	140	6.0	152	1.0	0.76
CSP-200	7.5	190	8.0	203	2.0	1.53
CSP-250	8.5	216	10.0	254	3.0	2.30
CSP-300	11.5	292	12.0	305	6.0	4.58
CSP-400	14.5	368	16.0	406	12.0	9.20

This chart to be used as a guide only. Consult your PEWE representative.

