



# DeWater® TRU Truck Receiving Unit



**DeWater® TRU- 600**

### PEWE DeWater® TRU Systems:

The PEWE DeWater® TRU Truck Receiving Unit consists of an auger screw assembly, screen basket, transport tube, drainage section, press section, discharge section, tank housing and mechanical drive system. The TRU will be supplied with a flanged inlet, solids discharge and a drainage fitting. The TRU is designed to extract moisture from wet solids. The unit will utilize a screw to transport and compress the solids and allow the liquid to drain off.

### DeWater® TRU Operation:

The PEWE DeWater® TRU Truck Receiving Unit receives influent either through an influent pipe on the end of the tank. The influent will be directed through a bar trap and into the screen basket where the larger solids will be retained and transported up the transport tube. The free water flows into a wet well before the liquid is allowed to pass through a flanged effluent fitting and removed for further processing.

### DeWater® TRU Design:

The solids larger than the bar trap and screen basket perforations are removed from the incoming influent stream then conveyed by the auger screw through the transport tube towards the press section. Prior to the press zone the conveyed solids may be optionally washed. The solids are then compacted in the press zone with up to 40% dryness. The liquid removed via the pressing action is collected and combined with the free water from the drainage section and is directed to drain or further processing. The screen has a flanged overflow outlet to prevent flooding should the screen basket become blinded or experience a power shortage. The screen may be ordered with several options including PEWE Command Control® RX panel.

## Truck Receiving Unit ..... High Solids, Dry Solids

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

Application:	Municipal	Screen	Flow	Capacity	English	GPM			
Model	Yards / hour	Shaft	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm	
TRU-275	1.0	6"	122	152	182	206	225	275	
TRU-600	1.5	8"	260	330	390	450	490	600	
TRU-775	2.0	10"	325	400	520	605	695	775	
TRU-900	3.0	12"	390	490	590	660	720	900	
TRU-1550	4.0	14"	480	720	870	980	1290	1550	
TRU-2150	5.0	20"	650	940	1410	1600	1960	2150	
TRU-2800	6.0	24"	970	1460	1960	2220	2560	2800	

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

