



# SuperSkreen™ SSC Channel Systems



**SuperSkreen™ SSC**  
with universal pivot

### PEWE SuperSkreen™ SSC:

The PEWE SuperSkreen™ SSC In-Channel Screen consists of an auger spiral assembly with integral brush, transport tube, drainage section, press section and mechanical drive system. The SSC will be supplied with a perforated screen basket, solids discharge and a press zone drainage fitting. The SSC is designed to extract moisture from wet solids. The unit will utilize a screw to transport and compress the solids and allow the filtered liquid to drain.

### SuperSkreen™ SSC Design:

The spiral assembly is a shaftless auger and bolted brushes, with a drive shaft mounted on the opposite end. The screen basket assembly is a semi-cylindrical, perforated screen with adjustable neoprene seals between the screen basket and the channel wall. The press zone consists of a wedgewire dewatering cylinder capable of up to 40% cake solids. The system is can be completed with an optional spray wash system.

### SuperSkreen™ SSC Operation:

Solids are conveyed by the auger spiral through the transport tube towards the press section. Prior to the press zone the conveyed solids can be washed. The solids are then compacted in the press zone. 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 PEWE SuperSkreen™ SSC in-channel screen may be supplied with *Command Control RX* panel. When turned to the ON position the unit will run continuously. When turned to AUTO the unit will start when the level sensor is tripped (closed circuit) by sufficient water depth. The unit will continue to run on an operator selected time delay after the upstream level has lowered the water level such that the sensor trips (open circuit). The optional spray wash will turn ON/OFF based on an operator selected repeat time cycle.

## Channel Screens ..... High Flow, Dry Solids

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

Application: Model	Municipal		Screen 1 mm	Flow 2 mm	Capacity 3 mm	English		GPM	
	Yards / hour	Shaft				4 mm	5 mm	6 mm	
SSC-275	1.0	6"	122	152	182	206	225	275	
SSC-600	1.5	8"	260	330	390	450	490	600	
SSC-775	2.0	10"	325	400	520	605	695	775	
SSC-900	3.0	12"	390	490	590	660	720	900	
SSC-1550	4.0	14"	480	720	870	980	1290	1550	
SSC-2150	5.0	20"	650	940	1410	1600	1960	2150	
SSC-2800	6.0	24"	970	1460	1960	2220	2560	2800	
SSC-3725	7.0	30"	1650	2200	2930	3320	3440	3725	

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

