



Industries, Inc.
Systems that Work!



Dewatering Precrusher Systems

- **Out-perform Conventional Dewatering systems - Wet Material is Pressed Against a Steel Barrier, Not Against Previously Processed Material**
- **Proven as a Superior Method for Dewatering Bulk Material in Applications for Recycling, Pulp/Paper, and Food Canning & Packaging**
- **Available in Standard Loading Capacities from 3 to 9 Cu. Yds.**
- **Customized Equipment and Systems Can Be Engineered to Meet Special or Unique Applications**
- **Non-proprietary Components for Ease of Maintenance & Service**
- **Industry Leading Warranty - 3 Years Ram/Frame, 1 Year Electrical and Hydraulic Components, Parts and Labor**
- **Meets or Exceeds Current ANSI Z245.2 Safety Standards**

Engineered design and rugged construction with AISI grade steel and structural steel supports provide a solid, long lasting structure.

Steel bar grating and relief holes in the dewatering chamber direct the liquids away from the material in the chamber toward a collection system, a minimum of 5° slope toward the rear improves the rapid liquid run-off.



Dewatering precrushers can incorporate a variety of loading systems from hydraulic container dumpers, as shown in the photo, to conveyors that simplify material loading, improve flow, and increase volume throughput.

Extracted liquids can be channeled to a collection system for disposal, or for additional processing to be reused or sold.



Loading hoppers direct material flow into the dewatering chamber.

Once liquids have been extracted, the material can be compacted or loaded into containers, or conveyed to additional processing.

Customization is the key to the most efficient and cost effective dewatering system

Standard models can be modified or special equipment can be engineered to meet unique volume, location, loading, or material requirements.



Power units are manufactured at our facility using nonproprietary electrical and hydraulic components specified for reliability, dependability and availability.

Nonproprietary components can:

- Simplify maintenance and service
- Shorten equipment maintenance down time
- Lower the cost of service
- Components are readily available from SP Industries or local parts distributors



Standard Features

- Removable Access Panels
- Weatherhood/Safety Panels
- Ratchet Binder/Hooks
- Remote Power Unit
- Reservoir: 140 Gallon Capacity
PC-500 & 9000 - 200 Gallon Capacity
- Oil - Suitable for Wide Temperature Range
- Oil Sight Gauge w/Thermometer
- Pump: 18/25.5 GPM, Hi-Lo, Vane
PC-500 & 9000 - 21/45 GPM, Hi-Lo, Vane
- UL Listed Electrical Components
- Motor: 30 HP 230/460 or 208 3 PH
PC-500 & 9000 - 50 HP 230/460 3 PH
- Automatic Multicycle System
- Full/Jam Automatic Shut-Off
- Adjustable Timer Inside the Main Control Panel
to Set 1-8 Precrush/Dewater Cycles
- Adjustable Timer Inside the Main Control Panel
to Set Precrush/Dewater Hold Time
- Keyed Pinning Boost Override & Precrusher Gate/
Compactor Ram Jog Control Station Mounted on
Side of Machine
- Remote Control Station:
Key Lock On/Off Switch
Start Push Button Container Full Light
Stop Push Button
Compactor/Precrusher Selector Switch

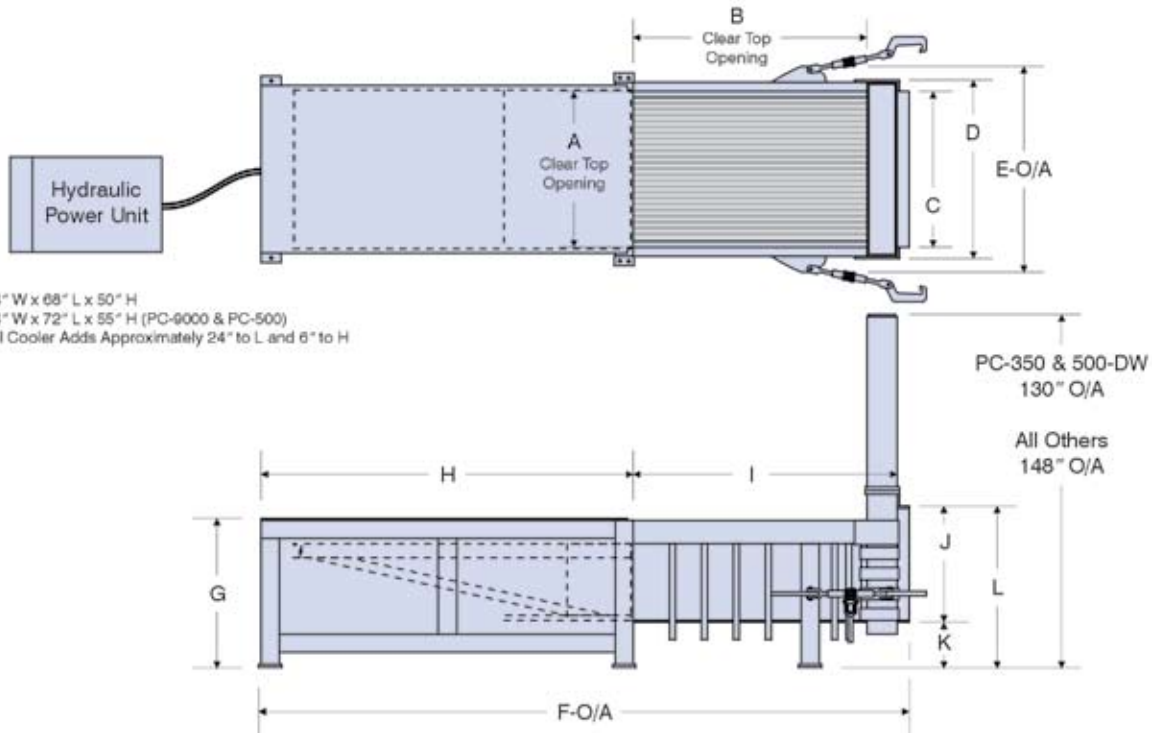
Optional Features

- Deck - 10,000# Capacity
- Safety Handrails
- Safety Gate with Interlock
- Side or Rear Load Hopper
- Full Enclosures
- Hydraulic Cart Dumper Loading System
- Pinning Tunnels Built into Ram Face
- Container or Trailer Guide System
- Through Wall Ratchet Binder System
- Safety Interlock System
- Deodorizer Spray System
- UL Certified Panel
- TEFC Motor
- Low Oil Indicator with Shutdown
- Hot Oil Indicator with Shutdown
- Thermo Oil Heater
- Oil Cooler - Standard on PC-350-DW & PC-500-DW
- Power Unit Weather Cover
- Custom: Sizes
Loading/Unloading
Materials

Contact SP Industries for Additional Customization

Material	PC-3000-DW PC-3000-D-DW	PC-350-DW	PC-4000-DW PC-4000-D-DW	PC-500-DW	PC-6000-DW PC-6000-D-DW	PC-7000-DW PC-7000-D-DW	PC-9000-DW
Frame: Floor	5/8"	5/8"	5/8"	1"	5/8"	5/8"	1"
Floor Supports	(1) S 5 x 10# (6) S 4 x 7.7#	(1) S 5 x 10# (7) S 4 x 7.7#	(1) S 5 x 10# (7) S 4 x 7.7#	(1) 8 x 6 x 1/2 Tube (14) S 6 x 12.5#	(1) S 5 x 10# (7) S 4 x 7.7#	(1) S 6 x 17.25# (11) S 5 x 10#	(1) 8 x 6 x 1/2 Tube (14) S 6 x 12.5#
Sides	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Side Supports	3 x 3 x 1/4 Tube 6 x 3 x 1/4 Tube 8 x 3 x 1/4 Tube	3 x 3 x 1/4 Tube 6 x 3 x 1/4 Tube 8 x 3 x 1/4 Tube	3 x 3 x 1/4 Tube 6 x 3 x 1/4 Tube 8 x 3 x 1/4 Tube	3 x 3 x 1/4 Tube 8 x 3 x 1/4 Tube 10 x 3 x 1/4 Tube	3 x 3 x 1/4 Tube 6 x 3 x 1/4 Tube 8 x 3 x 1/4 Tube	3 x 3 x 1/4 Tube 6 x 3 x 1/4 Tube 8 x 3 x 1/4 Tube	3 x 3 x 1/4 Tube 8 x 3 x 1/4 Tube 10 x 3 x 1/4 Tube
Main Breaker Bar	1-1/2" x 8" Vertical T-1 Tool Steel Bar						
Secondary Breaker Bar	8" x 6" x 1" Steel Angle						
Ram: Face	3/4"	1"	3/4"	1"	1"	1"	1"
Floor	3/4"	1"	3/4"	1"	1"	1"	1"
Top	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Top Supports	(11) C 5 x 6.7#	(15) C 5 x 6.7#	(13) C 5 x 6.7#	(18) C 6 x 13#	(15) C 6 x 13#	(15) C 6 x 13#	(18) C 6 x 13#
Sides	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"

CAUTION! This Equipment Should Be Operated By Properly Trained Personnel. Improper Use, Misuse or Lack of Maintenance could cause injury to people and/or property. Photos used in this brochure are illustrative only. Due to its commitment to quality, SP Industries' specifications are subject to change without notice to accommodate improvements to its equipment. Information contained within this literature is intended to be the most accurate available at the time of printing.



Standard Specifications

Dimension	PC-3000-DW PC-3000-D-DW	PC-350-DW	PC-4000-DW PC-4000-D-DW	PC-500-DW	PC-6000-DW PC-6000-D-DW	PC-7000-DW PC-7000-D-DW	PC-9000-DW
A	57	44	57	54	57	77	77
B	48	89.5	64	123	89.5	89.5	123.75
C	61	48	61	60	61	81	81
D	70	58	70	70	70	90	90
E - O/A	80	68	80	80	80	100	100
F - O/A	162	263	197	222	250	250	323.75
G	51.5	45.5	51.5	45.5	51.5	51.5	51.5
H	96	156	116	176	142	142	184
I	58	101	74	133	100	100	134
J	41.125	35.25	41.125	35.25	41.125	41.125	41.125
K	15.875	16	15.875	16	15.875	15.875	15.875
L	57	51.25	57	51.25	57	57	57
Capacity Cubic Yards	3	3.5	4	5	6	7	9
Cycle Time - All models have an adjustable hold time, from 20 to 60 seconds, that must be added to the standard cycle time for an accurate estimate of the total cycle time.							
Standard Model	53	71	62	124	74	74	85
D Model	67		80		97	97	
Cylinder(s)	2	1	2	1	2	2	2
Bore x Rod x Stroke							
Standard Model	6 x 4.5 x 72	10 x 7.25 x 116	6 x 4.5 x 90	10 x 7.25 x 150	6 x 4.5 x 116	6 x 4.5 x 116	7 x 5 x 150
D Model	7 x 5 x 72		7 x 5 x 90		7 x 5 x 116	7 x 5 x 116	
Ram Penetration	16	16	16	16	16	16	16
Ram Face W x H	60 x 30	48 x 24	60 x 30	60 x 24	60 x 30	80 x 30	80 x 30
System Pressure							
Norm/Max	1,800/2,100	1,800/2,100	1,800/2,100	1,800/2,100	1,800/2,100	1,800/2,100	1,800/2,100
Force Norm/Max							
Standard Model	101,800/118,800	141,400/164,900	101,800/118,800	141,400/164,900	101,800/118,800	101,800/118,800	138,500/161,900
D Model	138,500/161,600		138,500/161,600		138,500/161,600	138,500/161,600	
Ram Face PSI Norm/Max							
Standard Model	56.5/66	122.74/143.14	56.5/66	98.2/114.5	56.5/66	42.4/49.5	57.7/67.3
D Model	76.9/89.8		76.9/89.8		76.9/89.8	57.7/67.3	
Base Unit Weight							
Standard Model	13,520	18,000	18,050	29,000	21,450	22,550	30,725
D Model	13,870		18,450		21,950	23,050	

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