

CMP DRUM CRUSHERS

SRS Designed Equipment offers a variety of drum crushers, available in either standard electrical or Class 1 Division 1 Explosion proof. There are EXP options available for international requests. We offer the CPM or Versapac crushers with 40,000 pounds of crushing force, 60,000 pounds of crushing force and/or 90,000 pounds of crushing force.

Voltages offered in 3 phase power is (600 VAC, 480 VAC, 440 VAC, 415 VAC, 380 VAC and 230 VAC) Customer may elect to call out the need for alternate requirements.

We offer the Versapac crusher that is designed to crush drums, crush inside drums and/or can-do Cubic yard boxes to compact cardboard. The unit has a 50 % dump valve to reduce the pressure for compacting cardboard inside plastic or a cardboard box container.

The Versapac crusher is offered in standard electrical and Class 1 Division 1 electrical. All the same options can be added like the CMP crusher models but is able to be more versatile in crushing units.

Versapac crusher **60/30**. When the bypass is not engaged the crusher runs at 60,000 pounds of force. When engaged it runs at 50% less and bypasses ½ the fluid back to tank and reduce the crushing power to 30,000 pounds of force.

Versapac crusher **90/45**. When the bypass is not engaged the crush runs at 90,000 pounds of force. When engaged it runs at 50% less and bypasses ½ the fluid back to tank and reduce the crushing power to 45,000 pounds of force.

OPTIONS THAT CAN BE ADDED TO CMP:



CMP Explosion Proof Unit



CMP Standard Electrical Panel

Roll out tray	Drum easy load with external tray.	CMP-40 CMP-60 CMP-90
N2 Purge system controls	Solenoid valve, mechanical flow meter regulator and process piping. (sealed crushing unit) N2 needed (4-6 CFM)	CMP-40 CMP-60 CMP-90
Liquid Containment tank (below Crusher)	Liquid holding Tank, Air pump (10 CFM@100 PSI needed) Manual valve.	CMP-40 CMP-60 CMP-90
Exhaust Fan system	½ Hp motor with exhaust fan (250 CFM)	CMP-40 CMP-60 CMP-90

THE VERSAPAC CRUSHER MODEL NUMBERS ARE SETUP AS FOLLOWS:

Versapac crusher **40/20**. When the bypass is not engaged the crusher runs at 40,000 pounds of force. When engaged it runs at 50% less and bypasses ½ the fluid back to tank and reduces the crushing power to 20,000 pounds of force.

CMP Crushers	HP @RPM	Pump Flow rate	Cylinder size
CMP-40E or EXP	10 HP @ 3450 RPM	9 GPM	87 A5-inch cylinder 36 in stroke mps
CMP-60E or EXP	15 HP @ 3450 RPM	18/9 GPM	6-inch cylinder 36 in stroke
CMP-90E or EXP	20 HP @ 3450 RPM	18/9 GPM	7-inch cylinder 36 in stroke

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Back View of Versapac.

REAR VIEW



Versapac EXP version with roll out tray

Options that can be added	Items included	Models offered in
Roll out tray	Drum easy load dolly with external tray.	Vers-40/20, Vers-60/30, Vers-90/45
N2 Purge system controls	Solenoid valve, mechanical flow meter regulator and process piping. (sealed crushing unit) N2 needed (6-8 CFM)	Vers-40/20, Vers-60/30, Vers-90/45
Liquid Containment tank (below Crusher)	Liquid holding Tank, Air pump (50 CFM@100 PSI needed) Manual valve.	Vers-40/20, Vers-60/30, Vers-90/45
Exhaust Fan system	1 Hp motor with exhaust fan (600 CFM)	Vers-40/20, Vers-60/30, Vers-90/45

CMP Crushers	HP @RPM	Pump Flow rate	Cylinder size
Versapac -40/20E or EXP	10 HP @ 3450 RPM	9 GPM	5-inch cylinder 36 in stroke
Versapac -60/20E or EXP	15 HP @ 3450 RPM	18/9 GPM	6-inch cylinder 36 in stroke
Versapac -90/20E or EXP	20 HP @ 3450 RPM	18/9 GPM	7-inch cylinder 36 in stroke



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