

MAC Corporation

Quality by Design

Self-contained Compactors

MAC Corporation's high quality self-contained compactors are designed for wet solid waste applications. Their leak-proof construction makes these units ideal for shopping malls, hotels, restaurants, supermarkets, food processing plants, and medical facilities. When equipped with an enclosed loading hopper these units effectively control insect and rodent problems. Our compactors can be configured for your specific needs with custom fitted side or rear load hoppers, security chutes, drive on decks, walk on decks, loading dock enclosures and other optional equipment.



MAC Corporation compactors are constructed of quality AISI grade steel, built to exacting specifications, and designed for years of rugged dependable service.

Standard Features

Remote Power Unit	Power Unit Weather Cover	NEMA 12/13 Control Panel
Key-lock Start Switch	Red Mushroom-head Stop Button	Reverse Push Button
Power Unit Factory Ready for 208-230-460 Volt 3 phase	Solid State Motor Starter Overload. Adjustable 9-45 Amp	Automatic Motor Starter Reset
Full 360 Degree Rear Door Seal	Double End Pickup	Hydraulic quick-connects on both sides of compactor

Quality and Durability

The Mac SCS self-contained compactor represents over 25 years of continuous development and improvement. This has resulted in a state of the art machine that is built to last like no other.

The 3/16" thick (7GA) container body and 1/4" thick floor plate provide extra insurance against rust-through and significantly increase the life of the machine.

The compactor body is 50% stronger than any other on the market. With solid 3/8" plate side walls that are further reinforced with structural tube top rails, 1" x 3" solid horizontal bar and 3" structural channel verticals. The 8" x 6" x 3/4" breaker bar is supported by 4" x 3" x 1/4" structural steel tubing, gusseted with 1/2" thick plate. This has totally eliminated side wall deformation even under extreme conditions.



The discharge door has received the same attention to strength and design. The Mac SCS door seal incorporates a unique counter bow design that increases the seal compression between the door attachment points, which is a common source of leakage in other designs. The door frame is constructed from 6" x 3" x 1/4" structural steel tube and the bottom has extra reinforcing with full width 1/2" steel plate and full width 1/4" plate that also acts as a debris shedder. The seal itself is a 360 degree solid neoprene "T" shape that will last for years and may be easily replaced with common hand tools when the time comes.



The heart of the Mac SCS compactor is the hydraulic power unit. Only top of the line, off the shelf components are utilized to deliver outstanding reliability and prevent "vendor lock in" for our

customers.

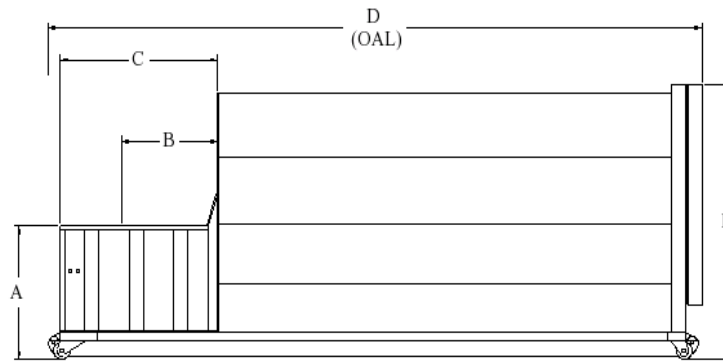
Motor: Baldor 208/230/460 volt 3 phase high efficiency
 Hydraulic Pump: Vickers ultra quiet vane type
 Valve: Yuken recified soft-shift
 Pressure switch: Barksdale
 Hose, connectors and fittings: Weatherhead
 Push Buttons and Switches: General Electric
 Motor Starter and Overload: Eaton
 PLC controller: Eaton
 Control Transformer: Micron, oversize, 208/230/460 volt ready



Specifications - Self-contained Compactors

Mfr. Rating	2 cubic yards	Cycle Time	34 seconds
Industry Rating	1.52 cubic yards	Motor	10 HP TEFC
Clear Top Opening	58" x 40-1/2"	Pump	10 GPM
Hydraulic Cylinders	(2) 4" bore x 2-1/2" rod	Frame Floor	1/2" plate
Ram Penetration	6"	Frame Sides	3/8" plate
Packing Force	Normal: 43,100 lbs. Maximum: 49,600 lbs.	Breaker Bar	8" x 6" x 3/4" angle
Ram Face PSI	Normal: 29.31 Maximum: 33.74	Ram Face	1/2" plate
Hydraulic Pressure	Normal: 2000 PSI Maximum: 2300 PSI	Ram Floor	1/2" plate
		Ram Top	1/4" plate
		Ram Sides	1/4" plate
		Ram Guides	UHMWPE

Dimensions - Self-contained Compactors



Model	Capacity	A	B	C	D	E
SCS1621	21 cu yd	44"	40"	66-1/2"	17'-0"	8'-6"
SCS1826	26 cu yd	44"	40"	66-1/2"	19'-0"	8'-6"
SCS2030	30 cu yd	44"	40"	66-1/2"	21'-0"	8'-6"
SCS2234	34 cu yd	44"	40"	66-1/2"	23'-0"	8'-6"
SCS2439	39 cu yd	44"	40"	66-1/2"	25'-0"	8'-6"



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