

DRUM PACKER/CRUSHER SERIES DPC85

HYDRAULICS

A rugged two-speed hydraulic pump powers the heavy duty cylinder to 85,000 pound crushing force. The ram is automatically cycled by a unique all-hydraulic control valve.

DRUM HOLD DOWN

The drum hold down holds the drum in place during compaction, preventing the drum from lifting during the return stroke. It also contains splashes and captures vapors which can be ducted through the top of the crusher for containment.

UNIVERSAL HEAD

The squeeze head consists of one stationary and two removable plates. The stationary head and the smaller plate are for compacting inside 55 and 85-gallon drums. The larger diameter plate is for crushing all sizes of cans and drums. A piercer on this plate vents closed drums through the squeeze head.

DRUM CENTERING PALLET

The drum centering pallet is designed for removing fully packed drums with a forklift. The pallet is fitted with interchangeable discs which properly center each size drum. These discs also protect the bottom bead of the drum from damage during compaction.

CLEARANCE

Ample loading clearance is provided between the compaction head and the top of the drum. (NOTE: The machine is pictured in mid-stroke. Fully retracted, the compaction head fits inside the drum hold down and they are flush with the top of the compaction chamber.)

COMPACTION FORCE CONTROL

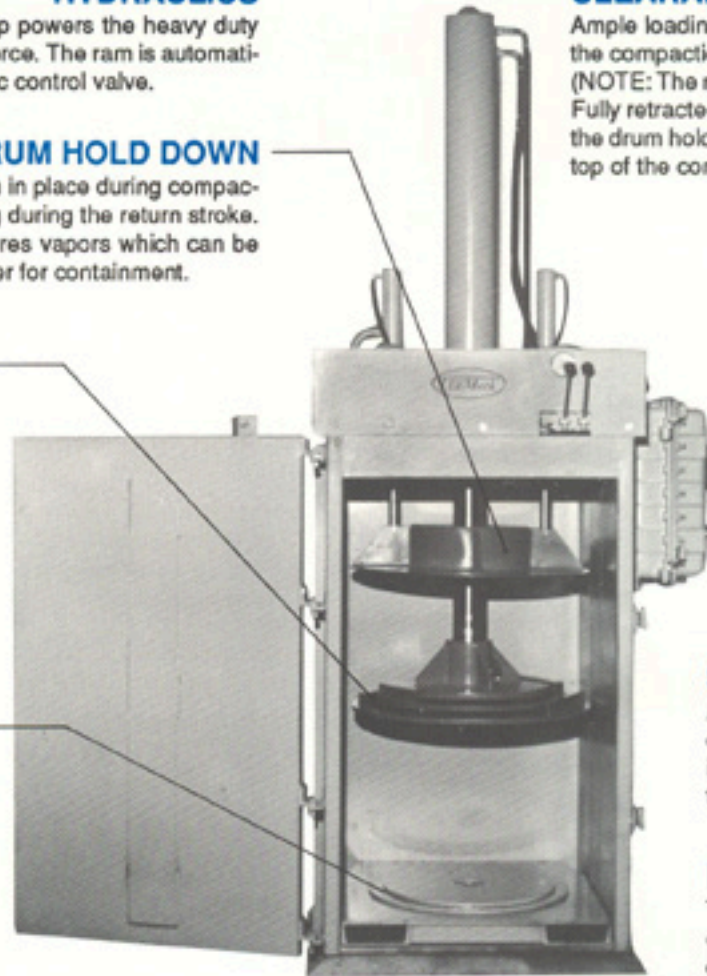
A gauge indicates the pressure during crushing or compaction. The operator can manually override the automatic cycle hydraulic valve at any desired pressure. Or the cycle valve can be set to automatically return the ram at any squeeze force between 8,000 and 85,000 pounds.

SAFETY

An emergency stop button shuts off all power at a touch. A safety interlock prevents operation when the door is open.

PORTABILITY

The bottom has a built-in skid for easy for lift portability. A custom over-the-road trailer is also available.



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will crush drums up to 110 gallon capacity and compact material inside 85 and 55-gallon drums. Steel drums are crushed to 2 to 5-inch pancakes in 30 seconds.

Custom modifications and a full line of accessories are available to meet special requirements.

DIMENSIONS: Outside - 48" w x 42" d x 114" h,
Inside - 32" w x 32" d x 48" h

CYLINDER: 6" bore, 4" rod, 44" stroke,
85,000 lbs. ram force

SHIPPING WEIGHT: 3100 lbs.

MODEL	MOTOR		VOLTS	POWER		CYCLE TIME (Sec)
	HP	TYPE		PHASE	AMPS	
DPC85-E50	5	TEFC Electric	230/460	3	11/5.5	110
DPC85-X50*	5	Explosion Proof	230/460	3	11/5.5	110
DPC85-E100	10	TEFC Electric	230/460	3	22/11	55
DPC85-X100*	10	Explosion Proof	230/460	3	22/11	55
DPC85-A50	5	Air (Exp. Prf.)		170 cfm @ 100 psi		110
DPC85-G80	8	Gasoline Engine				110
DPC85-G160	16	Gasoline Engine		with electric start		45
DPC85-D90	9	Diesel Engine		with electric start		110
DPC85-D160	16	Diesel Engine		with electric start		45

*Explosion Proof electric motor and motor controls:
Class 1, Div. 1&2, Grp D. Adds 10" to outside width.

1 YEAR LIMITED WARRANTY ON ALL MATERIALS AND WORKMANSHIP