

The DEMPSTER

Model SP10-42

POWERMITETM
STATIONARY PACKER©1968 Dempster Brothers, Inc.
Knoxville, Tenn.

Dempster-Dumpster Container

Canvas Cover

Master Control Boxes

Charging Box

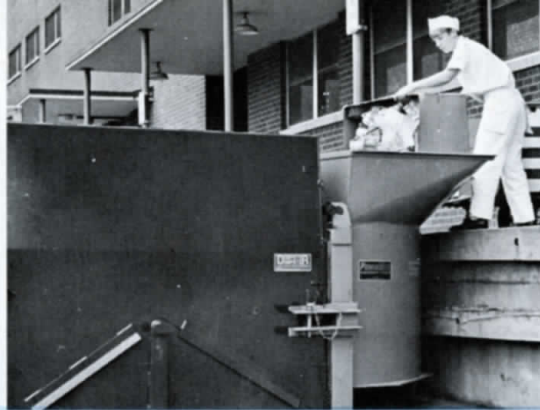
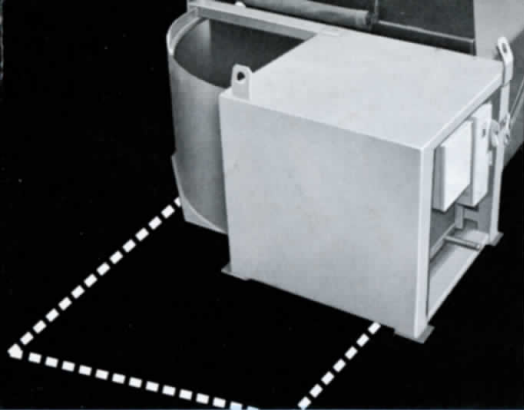
Power Unit Housing

ONE OF THE
DEMPSTER[®]
DUMPSTER
SYSTEMS

■ The PowerMite Stationary Packer is a small hydraulic packer which compacts refuse into a special Dumpster container or other types of large refuse containers. When container is full, a truck mounted Dempster-Dumpster picks up, hauls, empties and returns container to original packing position. Depending on the material, PowerMite can increase container payloads 4 times or more. PowerMite comes complete with a double-acting cylinder, power unit and container positioning guides and locks.



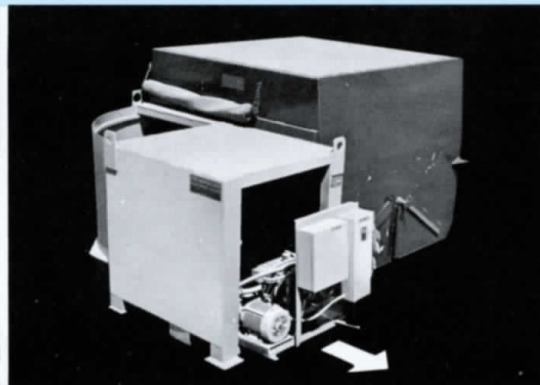
The sweep action of the packer head moves refuse from the charging box into the container. The double-acting hydraulic cylinder exerts over 42,000 lbs. of powerful thrust against the packer head, assuring tight, dense compaction.



PowerMite is a real space saver. It is over 62 inches shorter than other stationary packers of comparable performance. What's more, PowerMite is only 51 inches longer than a regular Dempster-Dumpster container.

PowerMite can be placed flush against a loading dock. No special dockboard is needed. Optional hoppers are available to fit various applications.

PowerMite can be loaded from the front or side from ground level. Low 52" charging box height makes loading easy.



The control unit consists of a push-button panel with a three-position key-switch selector for manual or pre-programmed automatic cycling. Turn key to manual, for PowerMite's exclusive "Super Stroke" boost pressure.

The self-contained power unit is skid mounted for easy removal or remote installation if desired. It's mounted inside the strong steel packer frame for safe, quiet, trouble-free operation.

PowerMite's packer head and material shield is pivoted on a heavy duty bearing, eliminating the need for slides or wear strips.



Combination container guides and locks on the sides of the PowerMite assure easy alignment with the Dumpster container. Container is securely locked to the packer by drop pins.

Tight fitting canvas cover is fastened over container opening to prevent spillage while Dempster-Dumpster is enroute to the disposal area.

After PowerMite compacts the refuse, the Dempster-Dumpster picks up the container and hauls it away. Special baffling inside container releases the tightly compacted material for easy dumping.

SPECIFICATIONS

Operating Specs.

Displacement per Cycle	1.2 cu. yds.
Charging Box Opening	8 sq. ft.
Depth of Charging Box	39"
Cycle Time (approx.)	45 seconds
Packing Force	42,405 lbs.
Cylinder Diameter	6"
Cylinder Stroke	30"
Loading Height (ground level)	52"

Overall Dimensions

Height	52"
Width	97½"
Depth from face of container	51¼"

Power Unit

Motor	5 HP
Pump	7½ GPM
Oil Tank	22 gals.
Oil	19 gals. anti-wear hydraulic oil
Strainer	50 GPM

Controls

Push-button and pre-programmed compaction cycles with easy change-over to other options. The SP 10-42 is furnished with 230 or 460 volt, 3 phase 60 cycle starter and disconnect. A 115 volt 60 cycle self-contained control transformer is supplied for push-button operation. To clear charging box, push manual button for PowerMite's exclusive "Super Stroke".

DEMPSTER BROTHERS, INC. KNOXVILLE, TENN./Western Division, Compton, California

Dempster Brothers, Inc. constantly seeks ways to improve and upgrade its products. For this reason, design changes are sometimes made. If any dimension or capacity is critical, check with the factory for current specifications.