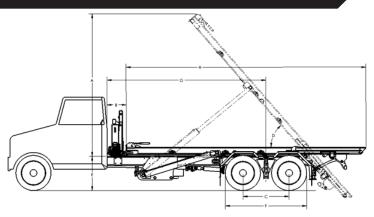




ROLL-OFF HOIST



Model	Α	В	C	D	Е	F	G	Н
PMRO_601740R	167"	22"	51-55"	49°	43" MAX	96" MAX	186"	281"

Minimum Chassis Requirements (Tandem Axle) Axle rating 18,000 front / 44,000 rear

*The chart below is an example of how to calculate the chassis section modulus (RBM/PSI=SM). Regardless of the frame YIELD and RBM, the min. SM must be 17.5 in3 or more per each frame rail.

Frame Channel Height	RBM	Yield (PSI)	RBM/PSI=SM in3
10" or more (single wall)	2,400,000 - 4,000,000	120,000 psi	20 in3 - 33.3 in3
10" or more (double wall)	2,000,000 - 4,000,000	100,000 psi	20 in3 - 40 in3

Note: The single walled 12K psi with RBM less than 2,400,000 would not be acceptable because its SM would fall below the 20 in3 minimum

specification (2,300,000/120,000=19.17 in3). For frames less than 10", consult engineering



*Patent Pending Bolt-on integrated hydraulic valve, tank, and tarper base.



Mechanical forward folding ICC Bumper: (Can be pinned up for trailering)



*Patent Pending ergonomic control console that includes: rear camera monitor, hoist controls, work lights switch, PTO switch, and optional on-board scale digital read out and printer.



*Patent pending hydraulic fluid line for tarper system.

TECHNICAL DATA AND SPECIFICATIONS

General Features

60,000 lbs or 75,000 lbs capacity

For outside rail containers up to 22' long x 8' tall

Automatic roller lock

Hydraulic tank located back of cab for improved cooling, improved supply to pump, and stays cleaner.

Spin-on oil filter, spin-on breather, and sight glass with temperature gauge.

Hydraulic pressure gauge

Sectional manual control valve outside of cab.

Hol-Mac reverse-mounted 6" lift cylinders. 7" reeving cylinders.- Made in USA

Sleeved hoses to protect the hoses.

Hoist controls inside the cab on a swing-away control tower. *Patent Pending

Rigid rear container hold downs.

Sliding rear strap winch hold downs.

Steel line plumbing reduces rubber hoses to a minimum. *Patent Pending

10" cable sheaves with 2-1/2" pins.

4" diameter double-shear heavy duty side rollers with replaceable pins.

Auto forward-folding mechanical ICC Bumper. Stowable for trailering.

Pintle-ready hitch rear attachment point.

Dual safety props for maintenance.

Dual tone back-up alarm and hoist up alarm with signal light in cab.

DOT approved recessed LED lighting and reflectors.

Mid-body LED turn signals.

High-mounted license plate bracket.

Heavy duty cable end storage.

Bolt-on replaceable steel fenders and tarper system. *Patent Pending

Replaceable bolt-on 8" wide x 1/2" thick rear sheave guards.

49-degree tilt angle.

Mud flaps front and rear.

All lube fittings are accessible from ground level.

Wiring runs through a full-length steel conduit.

Rear camera guard.

Options

Integrated arm-type tarper.

Fold-down auxiliary front stops for short containers.

Two work lights mounted on rear light boxes.

Steel toolbox 18" x 18" x 48" left, right, or both.

Bolt-on On-board Scale kit. No modifications required.

Rear camera.

On-board scale system printer.



