

# PMD Series

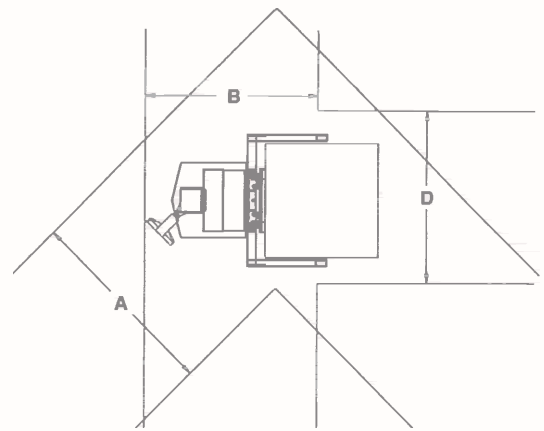
## Medium Duty Power Stacker

### 3,000 lb. Capacity

NARROW AISLE APPLICATIONS - MINIMUM CLEARANCE

PALLET WIDTH	PALLET LENGTH - CLEARANCES ARE FOR 24" L.C. MODELS											
	30"			36"			42"			48"		
	A	B	C	A	B	C	A	B	C	A	B	C
30"	58"	68"	76"	58"	68"	80"	59"	68"	86"	59"	71"	91"
36"	62"	69"	77"	62"	69"	81"	62"	71"	87"	63"	74"	92"
42"	65"	71"	78"	65"	71"	83"	65"	71"	88"	65"	74"	94"
48"	67"	73"	79"	67"	73"	84"	68"	73"	89"	69"	74"	95"

Clearances shown are minimum. Add 6" to 12" to all aisle dimensions for maximum maneuverability.



A = Equal Intersecting Aisle

B = Right Angle Aisle

C = Right Angle Stacking

D = Load Width Plus 12"

Turning Radius: 65°

### SPECIFICATIONS - FIXED STRADDLE - FREIGHT CLASS 70

MODEL NUMBER	CAPACITY @ 24" LC	MAST TYPE	LIFT HEIGHT	COLLAPSED HEIGHT	EXTENDED HEIGHT	LOWERED HEIGHT	FORK SIZE (W X L)	INSIDE STRADDLE	OVERALL WIDTH	OVERALL LENGTH	WEIGHT LBS.*
PMD-30S55-FG36	3,000 lbs.	Single	55"	75"	75"			Preset from			1,630
PMD-30S67-FG36			67"	87"	87"			38" to 52"	Inside Fork		1,660
PMD-30S79-FG36			79"	99"	99"	2.25"	4 x 36"	(fixed) as straddle length			1,685
PMD-30T08-FG36		Telescopic	108"	75"	129"			required in 2" increments	+ 8"	+ 41.75"	1,795
PMD-30T32-FG36			132"	87"	153"						1,850
PMD-30T56-FG36			156"	99"	177"						1,900

\* Weight shown is for units equipped with a Rol-Lift battery pack. Add 5/0 lbs. for approximate unit weight with an industrial battery.

### STANDARD ELECTRICAL SPECIFICATIONS

FEATURE	DESCRIPTION
<b>Motor</b>	24 volt DC motor, high-torque, series wound, Class H insulated drive motor. Solid state controller provides variable speed control and maximum battery efficiency.
<b>Battery [Standard]</b>	24 volt, 170 amp•hr, battery pack with 17 amp deep cycle fully automatic charger. Input 120 volt 60Hz, with a 6' power cord.
<b>[Optional]</b>	12-85-7, 24 volt, 255 amp•hr battery with cover. Compartment dimensions- 27" L x 26.25" H x 9.325" W, 24" long leads, position B, SB-175 gray connector.
<b>Electrical</b>	Batteries, electrical and hydraulic components are readily accessible for ease of maintenance. Electrical wiring is color/number coded. Power disconnect lever standard.

### LIFTING AND LOWERING SPEEDS

MODEL	LIFTING SPEED	LOWERING SPEED
BY CAPACITY	EMPTY / LOADED*	EMPTY / LOADED*
3,000 lb. Model	51 / 31 FPM	22 / 31 FPM

\* FPM = Feet Per Minute

### STANDARD STRUCTURAL SPECIFICATIONS

FEATURE	DESCRIPTION
<b>Mast(s)</b>	Telescoping masts consist of a stacked channel design which provides stability, high-strength, and maximum operator visibility. Inner mast and carriage rollers are high-strength steel and contain self-lub Garlock bearings.
<b>Safety Shield</b>	Clear, high impact Lexan™ shield for maximum operator visibility.
<b>Power Unit</b>	Hinged doors permit easy access to all electrical and hydraulic components.
<b>Controls</b>	Throttle type lower, dual twist grip forward and reverse speeds, returns to neutral when released. Horn. Emergency reverse belly switch. Handle provides a 180° steering arc.
<b>Drive Unit</b>	Direct gear drive with combination spur/bevel gear transmission. Provides maximum efficiency and quiet operation while operating in an oil filled sealed housing. Mounted on a large diameter sealed trunnion bearing for effortless steering.
<b>ITA Style Carriage/Forks</b>	Carriage and forks are standard ITA hook style for easy replacement and readily available common parts. Optional Rol-Lift ITA attachments are easily added to carriage bars.

### STANDARD MOBILITY SPECIFICATIONS

FEATURE	DESCRIPTION
<b>Castors:</b>	All capacities - 6" diameter x 2" wide polyurethane spring loaded swivel caster with alemite shaft, roller bearing and spanner bushing.
<b>Load Rollers:</b>	4" diameter x 2" wide poly on steel rollers with alemite shaft roller and spanner bushing.
<b>Stability:</b>	Stacker is stable at 6% grade (loaded) and 10.5% grade (unloaded). Load must be lowered.
<b>Clearance:</b>	Minimum (ground) underclearance of 1.5". Outrigger height (clearance) of 4.5".



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