

MOBILE SELF-PROPELLED SERIES



3,300 lbs CAPACITY

Lift Heights	114"	126"	141"	157"	181"	216"	236"
Lowered Mast Hgt	76.7"	82.7"	90.5"	98.4"	81.9"	97.4"	107.9"
Raised Mast Hgt	132.7"	144.5"	160.2"	176"	201.4"	238.6"	259.8"
Free Lift	5.9"	5.9"	5.9"	5.9"	59.8"	75.4"	84.9"

MAST HGT (inches)	AP533-114FFN AP533-126FFN AP533-141FFN		AP533-181FFN AP533-216FFN AP533-236FFN	
	CAPACITY (lbs)		CAPACITY (lbs)	
236			990	770
216			1,320	1,100
196			1,650	1,320
181			1,870	1,540
157			2,200	1,760
141	2,200	1,760	2,420	1,980
126	2,420	1,980	2,640	2,200
114	2,860	2,200	2,860	2,200
106	3,300	2,420	3,300	2,640
C (inches)	23.6" 27.5"		23.6" 27.5"	

*In a wide variety of heavy-duty applications. Available in either 2-Stage or 3-Stage telescoping masts and lift heights ranging from 141" - 236", there is surely an APS Fork-Over model available to meet your specific warehousing needs.

3,300 lbs CAPACITY ↑ 114" - 236" LIFT

SPECIFICATIONS • PERFORMANCE

APSPFF FORK-OVER STACKER		2 STAGE MAST				3 STAGE MAST		
Model		APS33-114FF	APS33-126FF	APS33-141FF	APS33-157FF	APS33-181FF	APS33-216FF	APS33-236FF
Capacity	kg	1500 (3300lbs)						
Load Center	mm	600 (23.6")						
Load Distance (center of drive axle to load wheel)	(x) mm	765 (30.1")						
Wheelbase	(y) mm	1405 (55.3")				1519 (59.8")		
Weight	kg	1095 (2409lbs)				1596 (3518.6lbs)		
Axle Loading (Laden Front / Rear)	kg/lbs	1165 / 1430 (2563 / 3146)				1345 / 1663 (2959 / 3658.6)		
Axle Loading (Un-Laden Front / Rear)	kg/lbs	735 / 360 (1617 / 792)				955 / 553 (2101 / 1216.6)		
Drive Wheel (Polyurethane)	mm	230 x 75 (9 x 2.9")						
Load Rollers (Polyurethane)	mm	80 x 70 (3.1 x 2.7")						
Stabilizer Wheels (Polyurethane)	mm	124 x 60 (4.8 x 2.3")						
Tread (Front)	(b10) mm	570 (22.4")				750 (29.5")		
Tread (Rear)	(b11) mm	395 (15.6")						
Lift Height	(h3) mm	2900 (114")	3200 (126")	3600 (141")	4000 (157")	4600 (181")	5500 (216")	6000 (236")
Lowered Fork Height	(h13) mm	85 (3.3")						
Lowered Mast Height	(h1) mm	1950 (76.7")	2100 (82.7")	2300 (90.5")	2500 (98.4")	2080 (81.9")	2475 (97.4")	2740 (107.9")
Raised Mast Height	(h4) mm	3370 (132.7")	3670 (144.5")	4070 (160.2")	4470 (176")	5115 (201.4")	6060 (238.5")	6600 (259.8")
Free Lift	(mm)	150 (5.9")				1520 (59.8")	1875 (73.8")	2100 (82.6")
Fork Dimensions	(s/e/l) mm	60 x 180 x 1150 (2.4" x 7" x 45.3")						
Overall Fork Width (O.D.)	(b5) mm	570 (22.6")						
Handle Height (in drive position min / max)	(h14) mm	1370 / 945 (53.9" / 37.2")						
Overall Length	(l1) mm	2050 (80.7")				2180 (85.8")		
Overall Width	(b1) mm	795 (31.3")				1000 (39.4")		
Length (to Face of Forks)	(l2) mm	900 (35.4")				1030 (40.6")		
Ground Clearance (Center of Wheelbase)	(m2) mm	25 (1")						
Aisle Width (1000mm x 1200mm Pallets)	mm	2519 (99.1")				2645 (104.1")		
Aisle Width (800mm x 1200mm Pallets)	mm	2466 (97")				2592 (102")		
Turning Radius	(Wa) mm	1674 (65.9")				1806 (65.9")		
Travel Speed (Laden / Un-laden)	Km/h	5.96 / 6 (3.7 / 3.72mph) * Turtle Mode Max. Speed: 3Km/h (1.86mph) *						
Lifting Speed (Laden / Un-laden)	m/s	.082 / .152				.141 / .212		
Lowering Speed (Laden / Un-laden)	m/s	.95 / .108				.227 / .178		
Gradeability (Laden / Un-laden)	%	6 / 12				6 / 12		
Drive Motor Rating S2 60 min	kW	1.5						
Lift Motor Rating at S3 4.5%	kW	2.2				3		
Battery Votage / Nominal Capacity K5	V/Ah	24 / 210				24 / 350		
Battery Weight	kg	217 (477.4lbs)				288 (634.9lbs)		
Sound Level (at driver's ear acc. to EN 12053)	dB(A)	<70						

*Because of continual product improvements, specifications may be subject to change without notice

