



Lithium Batteries (OPTIONAL)



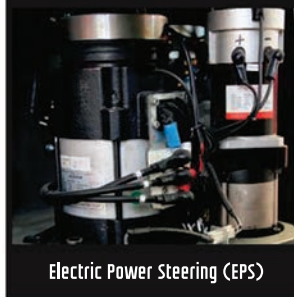
REMA Control Handle



ZAPI Drive and Steering Controller



Pin Code Access Panel (OPTIONAL)



Electric Power Steering (EPS)

RESIDUAL LIFT

TYPE	APS35FFN
MAST	5500

h3 (mm)	Q (kg)	
	5500	600
5300	700	400
4600	800	500
4300	900	600
3600	1000	700
3200	1200	900

c (mm)	600	700
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APSEFFN SERIES

HEAVY DUTY FORK-OVER STACKER

- FEATURES:** REMA Handle (high level of ergonomics) with Contactless Rocker Switches • Powerful Schabmuller AC-Drive Unit • Top Quality ZF Gearbox • Intorq Electromagnetic Brake • Rader Vogel/Wicke PU Drive Wheel • Integrated Operators Platform/Protective Arms Design • Zapi Drive & Steer Controllers
- OPTIONS:** PIN-Code Panel Access works with PIN-code as well as Access Cards (RFID) • Electric Power Steering (EPS) • Lithium Batteries (Fast charging, maintenance-free, & environmental-friendly operation) • Side Battery Replacement • Proportional Lift • Load Back Rest (LBR) • Full-Free-Lift

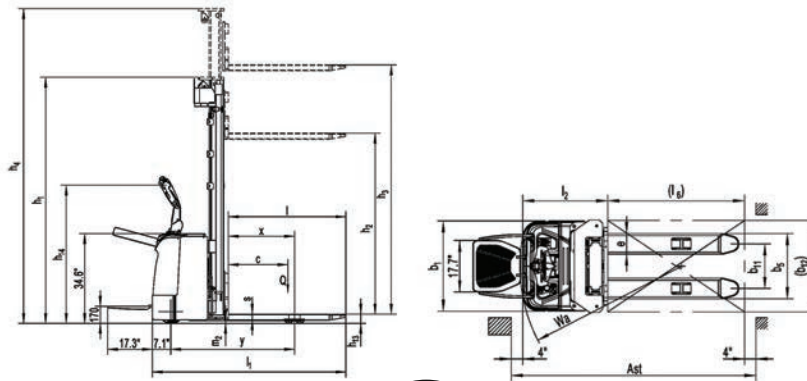
2600-4400 **lbs** CAPACITY  114"-181" LIFT HGT

SPECIFICATIONS • PERFORMANCE

APSFN SERIES HEAVY DUTY FORK-OVER STACKER		2 STAGE MAST	3 STAGE MAST	3 STAGE MAST
Model		APS26FFN-141	APS35FFN-216	APS44FFN-181
Power		Battery		
Operator Type		Pedestrian		
Load Capacity	(Q) lbs	2640	3520	4400
Load Center Distance	(C) in	24		
Load Distance (center of drive axle to load wheel)	(x) in	25.5		
Wheel Base	(y) in	45.9	47.8	52.2
Service Weight	lbs	2376	3036	3564
Axle Loading – Laden (Front / Rear)	lbs	1892 / 3124	2288 / 4268	2662 / 5302
Axle Loading – Unladen (Front / Rear)	lbs	1716 / 704	2068 / 968	2398 / 1188
Tires (Front / Rear)		Polyurethane		
Tire Size, Front	(Øxw) in	Ø9x2.76		
Tire Size, Rear	(Øxw) in	Ø3.3x3		
Additional Wheels (dimensions)	(Øxw) in	Ø5.9x2		
Wheels, number front/rear (x=driven wheels)		1x+1/4		
Track, Front	(b10) in	20.5		
Track, Rear	(b11) in	15.3 / 19.9		
Lowered Mast Height	(h1) in	90.9	94.9	87.7
Free Lift Height	(h2) in	69.3	71.7	59.8
Lift Height	(h3) in	139	213.8	178.3
Extended Mast Height	(h4) in	160.9	240.6	205
Height of Tiller in Drive Position (Min / Max)	(h14) in	37.4 / 53.2		
Height, Lowered	(h13) in	3.5		
Overall Length	(l1) in	73 ¹	74.6 ¹	79.7 ¹
Length to Face of Forks	(l2) in	27.8 ¹	29.4 ¹	34.5 ¹
Overall Width	(b1) in	31.1		
Fork Dimensions	(s/e/l) in	2.4 / 7.1 / 45.3		
Distance Between Fork Arms	(bs) in	22.4 / 27		
Ground Clearance (center of wheelbase)	(m2) in	1.1	1.1	.9
Aisle Width for Pallets 39.4" X 47.2" crossways	(Ast) in	90 ¹	91.5 ¹	96.7 ¹
Aisle Width for Pallets 31.5" X 47.2" lengthways	(Ast) in	88.6 ¹	90.2 ¹	95.3 ¹
Turning Radius	(Wa) in	54.3 ¹	55.9 ¹	61 ¹
Travel Speed – Laden / Unladen	mph	4.4 / 5	4.4 / 5	3.7 / 4.4
Lift Speed – Laden / Unladen	fpm	17.7 / 27.6	25.6 / 39.4	25.6 / 39.4
Lowering Speed – Laden / Unladen	fpm	49.2 / 39.4	55.1 / 45.3	55.1 / 45.3
Max. Gradeability – Laden/ Unladen	%	6 / 12	6 / 12	6 / 10
Service Brake		Electromagnetic		
Drive Motor Rating S2 60min	HP	1.9		
Lift Motor Rating at S3 10%	HP	2	4.3	4.3
Battery acc. to DIN 43531/35/36 A, B, C, no		2 VBS	3 VBS	3 PZS
Battery Voltage, nominal capacity K5	V/Ah	24 / 180	27 / 240	24 / 350
Battery Weight	lbs	385	506	634
Energy Consumption acc: to VDI cycle	kWh/h	.95	1.34	1.7
Type of Drive Control		AC – Speed Control		
Sound Level at driver's ear acc. to EN 12053	db(A)	<70		

¹) With unfolded platform: +17.3 in

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



DIMENSIONS IN INCHES

TYPE	Lowered Mast Hgt (h1)	Free Lift Hgt (h2)	Lift Hgt (h3)	Extended Mast Hgt (h4)	Lift + Fork Hgt (h3 + h13)
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MODEL: APS26FFN

2 STAGE MAST FFL	77	-	111	133	114.5
	83	-	123	145	126.5
	91	-	139	161	142.5
2 STAGE MAST FFL (Full-Free-Lift)	77	55.5	111	133	114.5
	83	61.4	123	145	126.5
	91	69.3	139	161	142.5

MODEL: APS35FFN

2 STAGE MAST FFL	77	-	111	133	114.5
	83	-	123	145	126.5
	91	-	139	161	142.5
2 STAGE MAST FFL (Full-Free-Lift)	77	55.5	111	133	114.5
	83	61.4	123	145	126.5
	91	69.3	139	161	142.5
3 STAGE MAST	79	-	167	188	170.5
	83	-	178	200	181.5
3 STAGE MAST FFL (Full-Free-Lift)	62	44.1	131.1	152.8	134.5
	75	52	155	176	158.5
	79	55.9	167	188	170.5
	83	59.8	178	200	181.5
	92	69.1	206	228	209.5
	95	71	214	241	217.5

MODEL: APS44FFN

2 STAGE MAST FFL	82	-	111	138	114.5
	88	-	123	150	126.5
	96	-	139	165	142.5
2 STAGE MAST FFL (Full-Free-Lift)	78	51.6	104	130	107.5
	82	55.5	111	138	114.5
	88	61.4	123	150	126.5
	96	69.3	139	165	142.5
3 STAGE MAST	84	-	167	193	170.5
	88	-	178	205	181.5
3 STAGE MAST FFL (Full-Free-Lift)	78	51.6	155	181	158.5
	84	55.9	167	193	170.5
	88	59.8	178	205	181.5

