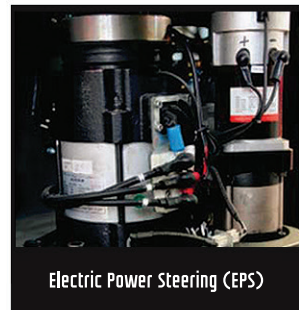


Schabmuller AC Drive Motor



Pin Code Access Panel (OPTIONAL)



Electric Power Steering (EPS)



ZAPI Drive and Steering Controller



ESPT44RN / ESPT55RN

SELF-PROPELLED (RIDE-ON) PALLET TRUCK

FEATURES: Schabmuller Powerful AC Drive Motor with ZF Gearbox and Intorque Electromagnetic Brake • Rader Vogel or Wicke Drive Wheel

• High-Performance ZAPI Drive & Steering Controllers • REMA Handle • Guard Rails & Platform

OPTIONS (Extra Charges): PIN-CODE PANEL • Electric Power Steering (EPS) • Fork Lengths: 51"/59"/70.8"/78.7"/84"

• Side Extraction Battery • Battery: 210Ah (ESPT44RN) & 350Ah (ESPT55RN) • Built-In 24V/30A Charger

4,400/5,500  lbs CAPACITY

Fork Length: 48" • Overall Fork Width: 21"/27"

• Battery: (ESPT44RN) 24V/160Ah | (ESPT55RN) 24V/270Ah • Charger: 24V/30A External

ESPT44RN/ESPT55RN SELF-PROPELLED RIDE-ON PALLET TRUCK

Model		ESPT44RN	ESPT55RN
Power		Battery	
Operator Type		Pedestrian/Stand	
Load Capacity	(Q) lb	4400	5500
Load Center Distance	(c) in	23.6	
Load Distance (center of drive axle to load wheel)	(x) in	35.1(1)	
Wheel Base	(y) in	52.4 ¹⁾²⁾	56.5 ¹⁾
Service Weight	lb	1360	1694
Axle Loading – Laden (Front / Rear)	lb	2370 / 3388	3944 / 4250
Axle Loading – Unladen (Front / Rear)	lb	1122 / 308	1294 / 400
Tires		Polyurethane (PU)	
Tire Size, Front	(Øxw) in	Ø9.1 x 2.8	
Tire Size, Rear	(Øxw) in	Ø3.3 x 3.3	
Additional Wheels (dimensions)	(Øxw) in	Ø3.9 x 1.6	
Wheels, number front/rear (x=driven wheels)		1 x + 2 / 4	
Tread, Front	(b10) in	22.1	
Tread, Rear	(b11) in	14.4 / 20.2	
Lift Height	(h3) in	4.7	
Height of Tiller in Drive Position (Min / Max)	(h14) in	37.4 / 53.1	
Height, Lowered	(h13) in	3.4	
Overall Length	(l1) in	70.5 ²⁾³⁾	74.6
Length to Face of Forks	(l2) in	25.2 ²⁾³⁾	29.3 ³⁾
Overall Width	(b1) in	31.1	
Fork Dimensions	(s/e/l) in	2.2 / 6.8 / 45.3	
Width Across Forks	(bs) in	21.3 / 27	
Ground Clearance (center of wheelbase)	(m2) in	1.2	
Aisle Width for Pallets 1000 X 1200 crossways	(Ast) in	94.5 ²⁾³⁾	98.6 ³⁾
Aisle Width for Pallets 800 X 1200 lengthways	(Ast) in	90.2 ²⁾³⁾	94.3 ³⁾
Turning Radius	(Wa) in	62.4	66.5 ³⁾
Travel Speed – Laden / Unladen	mph	4.4 / 5	3.7 / 4.4
Lift Speed – Laden / Unladen	fpm	4.3 / 5.9	6.9 / 8.9
Lowering Speed – Laden / Unladen	fpm	6.9 / 6.9	7.9 / 7.9
Gradeability – Laden/ Unladen	%	8 / 15	
Service Brake		Electromagnetic	
Drive Motor Rating S2 60min	HP	1.9	
Lift Motor Rating at S3 7.5%	HP	1.1	3
Battery acc. to DIN 43531/35/36 A, B, C, no	V/Ah	no	
Battery Voltage, nominal capacity K5	HP/h	24 / 160-210	24 / 270-350
Battery Weight (minimum)	lb	340	520
Type of Drive Control		AC – Speed Control	
Sound Level at driver`s ear acc. to EN 12053	db(A)	69	

- 1) Load section lowered: +2.5 in
- 2) With side battery removal: +1.2 in
- 3) With compact platform: +17.3 in

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

