

4400 **lbs** CAPACITY  177" - 374" LIFT HGT

RT44SP SINGLE SCISSOR (STAND-UP) REACH TRUCK

Model		RT44SP			
Power		Electric	Fork Carriage Width (includes Load Backrest)	(b ₃) in	32.3
Operator Type		Stand	Width Across Forks (with / without sideshifter)	(b ₅) in	7.9 - 29.9
Load Capacity	(Q) lb	4409	Inside Straddle	(b ₄) in	41.3 / 50
Load Center	(c) in	23.6	Reach (with/without sideshifter)	(l ₄) in	23.2
Load Distance	(x) in	12 / 10.4	Ground Clearance (Centre Wheelbase)	(m ₂) in	2
Tires		Φ13.5 x 5.5	Width Outtrigger	(b ₂) in	51
Tires	(Øxw) in	Φ5 x 2.9	Travel Speed (Standard)	mph	5.6 / 5.9
Caster Wheel	(Øxw) in	Φ8 x 4	Lift Speed	fps	1.15 / 1.64
Wheels (x=driven wheels)	(Øxw) in	1x+1/4	Lower Speed	fps	1.64 / 1.64
Track Width	(b ₁₀) in	31.5	Reach Speed (with / without Load)	fps	.49 / .49
Tilt: Fork Carriage (Forward/Backward)	(Angle/Deg)	¾	Max. Gradeability (with Load)	%	5
Outtrigger Height	(h ₈) in	4.9	Brakes	%	Electric
Overall Width	(b ₁) in	42.5	Traction Motor	kW	5.5
Fork Dimensions	(TxLxW) in	1.6 x 4.7 x 42.1	Lift Motors	kW	11
Fork Carriage (DIN 15173 class/form A B)		2A	Type of Controller		AC

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

TYPE		B	C	D	E
Wheelbase	(y) in	61	61	63	65
Headlength	(l ₂) in	59.1	59.1	61	63
Working Aisle Width (1000 x 1200 traverse)	(Ast) in	115.9	115.9	119.3	121.3
Working Aisle Width (800 x 1200 length)	(Ast) in	118.3	118.3	120.3	122.2
Turning Radius	(w _a) in	71.9	71.9	73.8	75.8
Length over Outriggers	(l _r) in	78.1	78.1	80.1	82.1
Max. Battery Size	l x w x h	14.2 x 38.6 x 30.9	16.1 x 38.6 x 30.9	16.1 x 38.6 x 30.9	19.7 x 38.6 x 30.9
Battery Voltage	V/Ah	36V / 600Ah	36V / 700Ah	36V / 800Ah	36V / 900Ah
Battery Weight	lb	1720	1984	2260	2513

MAST MODEL		44SP177	44SP193	44SP256	44SP295	44SP334	44SP374	44SP413
Battery Pack Model	B	RT44SP4500B	RT44SP4920B	RT44SP6500B	n/a	n/a	n/a	n/a
	C	RT44SP4500C	RT44SP4920C	RT44SP6500C	RT44SP7500C	n/a	n/a	n/a
	D	RT44SP4500D	RT44SP4920D	RT44SP6500D	RT44SP7500D	RT44SP8500D	n/a	n/a
	E	RT44SP4500E	RT44SP4920E	RT44SP6500E	RT44SP7500E	RT44SP8500E	RT44SP9500E	RT44SP10500E

MAST MODEL		44SP177	44SP193	44SP256	44SP295	44SP334	44SP374	44SP413
Battery Pack Model	B	8585	8708	9127	9392	n/a	n/a	n/a
	C	8849	8973	9392	9656	9921	n/a	n/a
	D	9147	9270	9689	9954	10218	10483	n/a
	E	9423	9546	9965	10229	10494	10759	11023

