

WTC ELECTRIC STACKER

ES-14-RA ES-16-RA

STATE-OF-THE-ART TECHNOLOGY - LOW PRICES!

*Please turn page for all
advantages + technical data*



WTC - BEST ERGONOMIC EQUIPMENT - AT LOWEST PRICES

WTC Electric Power Stacker

ES-14RA / ES-16RA

Control Handle

Ergonomic design-extra large push buttons for raise, lower and born functions are easily? Accessible even with gloved hand.
Large safety reversing button propels truck away from operator if contact with operator made while unit is in reverse mode.
Dual forward/reverse grip controls for thumb operation.
Automatic "dead-man" type braking with power cut-off switch when brake is applied.

Mast and Chassis

High visibility is specially designed on mast with laterally mounted lifting cylinder.
Safety screening protects operator during lifting and lowering.
The mast fabrication is of cold drawn steel giving great rigidity.
High quality ball bearing rollers.
Battery can be easily changed.

Electric system and Controller

Key switch.
Emergency power disconnect button.
Battery indicator meter.
Advanced Curtis PMC drive controller gives smooth, step-less acceleration and infinitely variable speed control.
providing superior command of the truck. The anti-rollback system delivers maximum power when required for uphill or down-hill gradients.
Programmable electronics allow customer setting.

Drive unit

Durable long lift gearbox with adequate ventilation.
Powerful separately excited motor with high overload capacity.
High precision gear makes low noise gear box.

Brake

Electromagnetic disc brake connected to drive shaft.
The CURTIS PMC has adjustable neutral braking, plugging, and regenerating braking.

Hydraulic unit

Heavy duty motor, gear pump, relief valve.
Overload pressure relief valve protects system from pressure overload and bypasses oil.
To reservoir when system reaches maximum pressure.

	Model		ES14-RA	ES16-RA
Characteristics	Power unit		Battery	
	Operation		Rider stand	
	Load capacity	Q kg	1400	1600
	Load center	c mm	600	
Weights	Load distance (Raised/Lowered)	x mm	710	
	Wheelbase (Lowered)	y mm	1353	1403
	Service weight with battery pack (3M standard)	kg	1065	1100
	Axle load with load, operator/load side	kg	820/1645	840/1860
Wheels/Tyres	Axle load without load, operator/load side	kg	730/335	750/350
	Tyres		polyurthane/polyurthane	
	Tyre size, operator side		Φ230x75	
	Tyre size, load side		2x Φ85x85	
Dimensions	Auxiliary wheels(size)		Φ130x55	
	Wheels, number operator/load side(x=driven)		1x +2/4	
	Track width, operator side	b10 mm	580	630
	Track width, Load side	b11 mm	380	
	Maximum lifting height	h2 mm	3000/3300/3600/4000	
	Full free lifting height	FL mm	1600	
	Mast extended height	h3 mm	3420/3720/4020/4420	
	Mast lowered height	h1 mm	2000/2135/2335/2535	
	Tiller height, travel position, min/max	h14 mm	1073/1320	
	Fork height, lowered	h13 mm	85	
	Overall length	l1 mm	2008	2058
	Length to fork face	l2 mm	858	908
	Overall width	b1 mm	800	850
	Fork dimension	s/e/l mm	60x170x1150	
Performance	Fork spread	b5 mm	540	
	Ground clearance, center of wheelbase	m2 mm	26	
	Aisle width, 1000x1200mm pallet crosswise	Ast mm	2085	2135
	Aisle width, 1000x1200mm pallet crosswise	Ast mm	2285	2335
DriveOthers	Turning radius	Wa mm	1595	1645
	Travel speed, with/without load	km/h	5/5.5	
	Lift speed, with/without load	m/s	0.12/0.15	
	Lower speed, with/without load	m/s	0.15/0.12	
Traction control	Climbing ability, with/without load	%	6/8	
	Service brake		Electromagnetic	
	Drive motor output(S 2, 60min. rating)	kW	1.1	
	Lift motor output(S 3, 5% rating)	kW	2.2	
	Battery voltage/rated capacity(5h)	V/Ah	24/210	24/280
	Battery weight	kg	205	230
			ZAPI AC0	