

WTC ELECTRIC STACKER ES-14-14S/16S

*Please turn page for all
advantages + technical data*



WTC - BEST ERGONOMIC EQUIPMENT - AT LOWEST PRICES

WTC Electric Power Stacker

ES-14-14S, 14-30A, 16-16S, 16-35A

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

TECHNICAL DATA ES-14-14S-16S ES14-14A-16A

Model			ES-14-14S	ES-14-30A	ES-16-16S	ES-16-35
	Capacity	kg	1400		1600	
Characteristics	Load center	mm		600		
	Operator type			Walkie (rider option)		
	Maximum lifting height	mm		3000/3300/3600/4000		
	Lowered height of fork	mm		50		
Specifications	Standard fork length	mm		1110		
	Fork width	mm		100		
	Minimum turning radius	mm		1482		
	Minimum aisle width	mm		2780		
	Minimum ground clearance	mm		30		
	Maximum travel speed with/without load	km/h		3 3.5		
Performance	Maximum lifting speed with/without load	m/s		0.13 0.23		
	Maximum lowering speed with/without load	m/s		0.13 0.23		
	Gradeability with/without load	%		5(within 5min) 7(within 30min)		
Weight	Service weight without battery pack (3M standard)	kg		844		
	Service weight with battery pack (3M standard)	kg		1150		
	Overall length (3M standard)	mm		1875		
	Length	mm		1582		
Chassis	Straddle OD	mm		1470		
	Straddle ID	mm		1270		
	Straddle OD (ES-14-14A, ES-16-16A)	mm		1470/1320/1160		
	Straddle ID (ES-14-14A, ES-16-16A)	mm		1270/1120/960		
	Mast extended height (3m/3.3m/3.6m/4m)	mm		4198/4498/4798/5198		
	Mast lowered height (3m/3.3m/3.6m/4m)	mm		2135/2135/2335/2535		
Wheel	Tyre type front/rear			poly/poly		
	Wheels			1xDriven wheel, 1xUniversal wheel, 4xFront wheel		
	wheel base	mm		1307		
Brake				Electromagnetic		
Motor	Travelling			24V, 0.93kw		
	Lifting			24V, 3kw		
	Voltage			24V		
Battery(suggested)	Capacity			280Ah		
	Max battery size (L*W*H)	mm		823*248*610		
Control	Control system			CURTIS 1243		

Specifications subject to change without notice.