

WTC ELECTRIC STACKER ES16-16ET/ES-16-16ST

*Please turn page for all
advantages + technical data*



WTC - BEST ERGONOMIC EQUIPMENT - AT LOWEST PRICES

WTC Power Stacker

ES-16-16ET & ES-16-16ST

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.

ES-16-16ET ES-16-16ST

Model			ES-16-16ET	ES-16-16ST
Characteristics	Capacity	kg	1600	
	Load center	mm	600	
	Operator type		Walkie (rider option)	
	Maximum lifting height	mm	4500	
	Lowered height of fork	mm	90	
Specifications	Standard fork width	mm	540	
	Standard fork length	mm	1150	1110
	Fork width	mm	185	100
	Minimum turning radius	mm		1512
	Minimum aisle width	mm		2810
Performance	Minimum ground clearance	mm		30
	Maximum travel speed with/without load	km/h		3 3.5
	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	1251	
	Service weight with battery pack (3M standard)	kg	1557	
	Overall length (3M standard)	mm	1905	
Chassis	Overall width	mm	850	1470
	Mast extended height	mm		5180
	Mast lowered height	mm		2135
Wheel	Wheel type front/rear			poly/poly
	Wheels		1xDriven wheel,2xUniversal wheel	4xFront wheel
Brake	wheel base	mm	1367	1357
			Electromagnetic	
			24v,2.2kw	
Motor	Travelling		24v,3kw	
	Lifting		24v	
Battery	Voltage		280AH	
	Capacity		648*248*558	
Control	Max battery size (L*W*H)	mm	CURTIS 1243	
	Control system			

Specifications subject to change without notice.