

# WTC ELECTRIC STACKER ES-10-10E/12E/14E

*Please turn page for all  
advantages + technical data*



**WTC - BEST ERGONOMIC EQUIPMENT - AT LOWEST PRICES**

# WTC Electric Power Stacker

## ES-10-10E, 12-12E, 14-14E

### 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

Model			ES-12-12E	ES-14-14E
Characteristics	Capacity	kg	1200	1400
	Load center	mm		600
Specifications	Operator type		Walkie (rider option)	
	Maximum lifting height	mm	3000/3300/3600/4000	
	Lowered height of fork	mm	80	
	Standard fork width	mm	540	
	Standard fork length	mm	1150	
	Fork width	mm	185	
	Minimum turning radius	mm	1405	1482
	Minimum aisle width	mm	2702	2780
	Minimum ground clearance	mm	30	
	Maximum travel speed Laden Unladen	km/h	3.3.5	
Performance	Maximum lifting speed Laden Unladen	m/s	0.13 0.23	
	Maximum lowering speed Laden Unladen	m/s	0.13 0.23	
Weight	Gradeability Laden Unladen	%	5 (within 5min) 7 (within 30min)	
	Service weight without battery pack (3M standard)	kg	839	855
	Service weight with battery pack (3M standard)	kg	1145	1161
Chassis	Overall length (3M standard)	mm	1797	2004
	Overall width	mm	800	850
	Mast extended height	mm	3500/3800/4100/4500	
	Mast lowered height	mm	2135/2135/2335/2535	
Wheel	Wheel type front/rear		Poly/Poly	
	Wheels		1xDriven wheel, 2xUniversal wheel, 4xFront wheel	
Brake Motor	wheel base	mm	1229	1307
			Electromagnetic	
Battery	Travelling		24V, 0.93kw	
	Lifting		24V, 3kw	
	Voltage		24V	
Control	Capacity	AH	210	
	Max battery size (L*W*H)	mm	360*275*172	823*248*610
	Control system		CURTIS 1243	

Specifications subject to change without notice.