

WTC ELECTRIC FORKLIFT TRUCK

J Series 3-wheel

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

*Please turn page for all
advantages + technical data*



WTC - BEST ERGONOMIC EQUIPMENT - AT LOWEST PRICES

WTC Electric Forklift Truck-J series

3-Wheel

INTRODUCTION

The distinctive features of the new J series electric three-wheel forklift are as follows:

- *Versatility of use due to compact design and minimal operating space requirements. Compact dimensions combined with superb maneuverability.*
- *High stability, both when stationary and cornering, due to long wheelbase, low centre of gravity and wide tyres.*
- *Economy of operation, resulting from minimized maintenance costs, e.g. Low-wear brakes.*
- *An integral full vision side-shift.*
- *The wide mast, low scuttle and high seating position gives the operator an excellent view, reduces loading damage and accidents.*
- *The incorporation of ZF® developed components, including finely engineered helical gears, assured low noise, high quality and a longer service life.*
- *PANEL, simple, comprehensive*
- *The adjustable steering Column ensures a comfortable working position.*
- *Comfortable seat can be upgraded to a luxury semi suspension version.*
- *Full accessible 48 volt batteries with 400-600 Ah capacity are controlled by Danaher or Curtis AC control systems.*
- *The state-of-the-art controller can be easily accessed at waist height, helping to reduce servicing time.*
- *AC technology to heavy-duty applications. The use of current is optimized and AC motors are brushless, which minimizes servicing. Motors are very well protected against the water and dust. Roll-back is almost eliminated and higher travel speeds are attainable.*
- *More than thirty performance parameters can be adjusted to suit all type of load, working area and skill of the driver.*
- **CHASSIS & HYDRAULICS**
*A fully enclosed chassis frame house the drive motors.
The hydraulic and drive components are protected against dirt and water.*
- **BRAKES**
*The J series three-wheel truck has three independent braking systems:
Regenerative braking system
Hydraulic wet disc brake system
Toggle-type parking brake*

TECHNICAL SPECIFICATIONS

Specification	Model		S13JC1	S13JD1	S15JC1	S15JD1	S16JC1	S16JD1	S18JC1	S18JD1	S20JC1	S20JD1	
	Rated capacity		kg	1300		1500		1600		1800		2000	
	Load center		mm	500		500		500		500		500	
	Lifting height		mm	3000		3000		3000		3000		3000	
	Free lifting height		mm	150		150		150		150		150	
	Fork size	sxexl	mm	40×100×920		40×100×920		40×100×920		40×100×920		40×100×1070	
	Tilting angle	F/R	De g	6.5/6.5		6.5/6.5		6.5/6.5		6.5/6.5		6.5/6.5	
Dimensions	Overall Dimension	Length to face of fork	mm	1792		1792		1900		1900		2012	
		Width	mm	1060		1060		1060		1060		1060	
		Height when mast lowered	mm	1995		1995		1995		1995		2055	
		Height when mast lifting	mm	3945		3945		3945		3945		4005	
		Height to safeguard	mm	1960		1960		1960		1960		1960	
		Height seat	mm	930		930		930		930		930	
	Turning radius	Min.	mm	1440		1440		1550		1550		1658	
	Overhang		mm	355		355		355		355		355	
	Thread(Front/Rear)		mm	902/175		902/175		902/175		902/175		915/175	
	Ground clearance	Min.	mm	90		90		90		90		90	
	Wheelbase		mm	1250		1250		1358		1358		1465	
	Fork spread	Min./ Max.	mm	200/1000		200/1000		200/1000		200/1000		200/1000	
	Working aisle width with pallet (Ast*)	1000×1200 crossways	mm	3161		3161		3271		3271		3380	
800×1200 lengthways		mm	3260		3260		3370		3370		3480		
Performance	Speed	Travel (Laden)	km/h	14	14	14	14	14	14	14	14	13	13
		Travel (Unladen)	km/h	15	14	14	14	14	14	14	14	13	13
		Lifting (Laden)	mm/s	300		290		280		270		250	
		Lifting (Unladen)	mm/s	450		440		440		430		400	
	Gradeability	Laden	%	20	20	20	20	20	20	18	18	15	15
		Unladen	%	20	20	20	20	20	20	20	20	18	18
	Service weight	include battery box	kg	2760		2950		3020		3080		3370	
	Tyre	Frontx2		18×7-8		18×7-8		18×7-8		18×7-8		200/50-10	
		Rearx2		15×4.5-8		15×4.5-8		15×4.5-8		15×4.5-8		15×4.5-8	
Driven	Motor	Driven motor x2	kw	4.6×2	4.6×2	4.6×2	4.6×2	4.6×2	4.6×2	4.6×2	4.6×2	4.6×2	
		Pump motor	kw	8.6		8.6		8.6		8.6		8.6	
	Battery	Standard	V/A H	48/400		48/400		48/500		48/500		48/600	
	Controller	Type		MOSFET		MOSFET		MOSFET		MOSFET		MOSFET	
Drive system			AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	
Manufacturer			Curtis	Danaher	Curtis	Danaher	Curtis	Danaher	Curtis	Danaher	Curtis	Danaher	
	Operating pressure for attachment	Mp a	14.5		14.5		14.5		14.5		14.5		

1. Special lifting height available.
2. Attachment available.
3. The specification in the table are for standard models only. For further information please contact us.
4. Specification are subject to change without notice.
5. Note: JD1 series means AC drive system(traction AC)

Type	Model	Mast fork height	Lowered	Overall height		Free lift		Tilt range		Capacity				
				Extended		Extended		FED	RED	Load capacity at 500mm				
				With backrest	Without backrest	With backrest	Without backrest			1.3T	1.5T	1.6T	1.8T	2.0T
				mm	mm	mm	mm	Deg	Deg	kg	kg	kg	kg	kg
Wide view mast	S16MX	2500	1745	3445	3065	145	145	6.5	6.5	1300	1500	1600	1800	2000
		2700	1845	3645	3265	145	145	6.5	6.5	1300	1500	1600	1800	2000
		3000	1995	3945	3565	145	145	6.5	6.5	1300	1500	1600	1800	2000
		3300	2145	4245	3865	145	145	6.5	6.5	1300	1500	1600	1800	2000
		3500	2245	4445	4065	145	145	6.5	6.5	1300	1500	1600	1800	2000
		3600	2295	4545	4165	145	145	6.5	6.5	1300	1500	1600	1800	2000
		4000	2545	4945	4565	145	145	3.5	5	1300	1500	1600	1800	2000
		4300	2710	5245	4865	145	145	3.5	5	1200	1400	1500	1700	1900
		4500	2820	5445	5065	145	145	3.5	5	1100	1300	1400	1600	1800
Wide view full free	S16NX	4300	2010	5245	4905	1100	1415	3.5	5	1200	1400	1500	1700	1900
		4500	2075	5445	5105	1170	1480	3.5	5	1100	1300	1400	1600	1800
		4800	2175	5745	5405	1270	1580	3.5	5	1000	1200	1300	1500	1550
		5000	2240	5945	5605	1340	1645	3.5	5	950	1150	1250	1450	1500
		5500	2410	6445	6105	1500	1815	3.5	5	850	1050	1150	1200	1300
		6000	2625	6945	6625	1670	2010	3.5	5	750	950	1050	1100	1200

Note: With side-shift, load capacity subtract 200kg.

Specifications subject to change without notice.

