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## ELECTRIC FORKLIFTS

### ELECTRIC FORKLIFT - 1.3T TO 2.0T J Series 3-Wheel Forklift

CODE | CPDS13J-C2

CODE | CPDS15J-C2

CODE | CPDS16J-C2

CODE | CPDS18J-C2

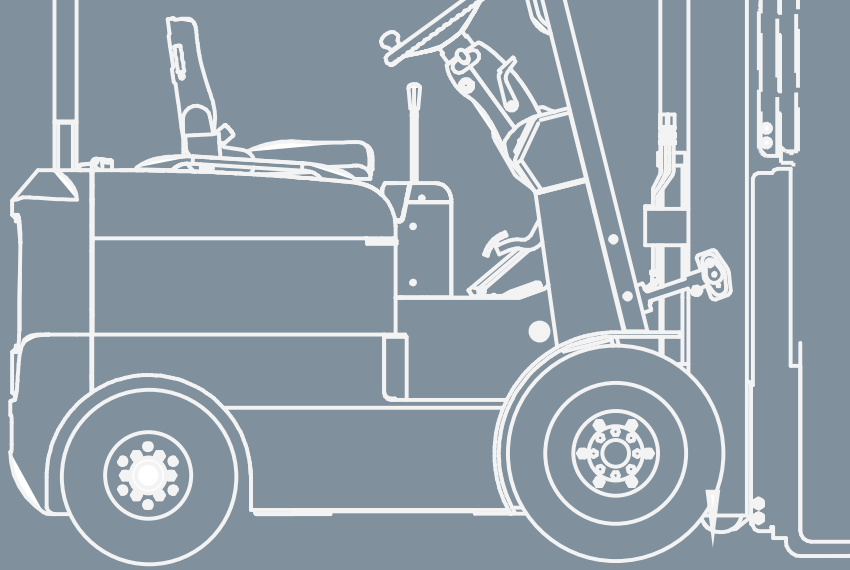
CODE | CPDS20J-C2



POWER SOURCE	KEY FEATURES	KEY BENEFITS	APPLICATIONS	OPTIONS *
<ul style="list-style-type: none"> <li>AC Curtis Controller/ AC Drive</li> </ul>	<ul style="list-style-type: none"> <li>500mm Load Centre</li> <li>30+ Performance Parameters</li> <li>Front-Wheel Drive</li> <li>State-Of-The-Art Curtis Controllers</li> <li>1 070mm Forks</li> <li>Integral Side-Shift</li> <li>3.0m 2-Stage Mast</li> <li>On-Demand Hydraulic Power Steering</li> <li>Brushless AC Motors</li> <li>Solid Tyres</li> <li>Road Lights (SA Ordinance-Approved)</li> </ul>	<ul style="list-style-type: none"> <li>Versatile, compact design</li> <li>Manoeuvrable in minimal operating spaces</li> <li>Super-stability (when stationary and cornering)</li> <li>Robust</li> <li>Low Maintenance/ Economical</li> <li>Low Noise Level</li> <li>Low Energy Consumption</li> <li>24 Months Warranty or 2400 Hours</li> <li>Load Test Certificate</li> <li>Includes Battery and Charger</li> </ul>	<ul style="list-style-type: none"> <li>Especially suited for narrow aisles and indoor use.</li> </ul>	<ul style="list-style-type: none"> <li>Control Valve (4-Spool)</li> <li>Mast 2-Stage (2.5 – 4.5m)</li> <li>Mast 3-Stage (4.3 – 6.5m)</li> <li>Forks (Other Dimensions)</li> <li>Tyres (Pneumatic)</li> <li>Battery (High Capacity)</li> <li>Carriage (Special)</li> <li>Backrest (Special)</li> </ul>

\* For optimal performance, in conventional applications, Manhand recommends this standard configuration. However, each operating environment has its own specific demands and, to help our customers meet them, we can offer these recommended alternatives. Please note that specifications in this document are subject to change without notice.

## ELECTRIC FORKLIFT - 1.3T TO 2.0T J Series 3-Wheel Forklift



CODE | CPDS13J-C2

CODE | CPDS15J-C2

CODE | CPDS16J-C2

CODE | CPDS18J-C2

CODE | CPDS20J-C2

General	Model		CPDS13J-C2	CPDS15J-C2	CPDS16J-C2	CPDS18J-C2	CPDS20J-C2
	Power Type		Electric				
	Rated Capacity	kg	1300	1500	1600	1800	2000
	Load Centre	mm	500				

Fitted Standard	Mast	Type	3.0m 2 Stage					
		Rated Fork Height	mm	3000				
		Free Lifting Height	mm	150				
		Tilt Range	deg	6.5 / 6.5				
	Charger		High Frequency					
	Fork Shift	Type	Integral Side-shift					
	Tyres	Front		18 x 7 - 8			200/50-10	
		Rear		15 x 4.5 - 8				
Fork Size	Length x Width x Thickness	mm	920 x 100 x 40			1070 x 130 x 40		

Power	Motor	Driven Motor/s 60min	kw	4.75 x 2			
		Pump Motor/s 150min	V/Ah	8.6			
	Battery	Standard	V/Ah	48 / 400	48 / 500	48 / 600	
		Optional		48 / 440	48 / 550	48 / 660	
	Controller	Type		AC			
		Manufacturer	Mpa	CURTIS			
Operating pressure for attachment			14.5				

Overall Dimensions	Length to Fork Face	mm	1792	1900	2012		
	Width	mm	1060				
	Height (Lowered Mast)	mm	1995				
	Height (Extended Mast)	mm	3945	4005			
	Height to Safeguard	mm	1960				
	Seat Height	mm	930				
	Turning Radius	Min.	mm	1440	1550	1658	
	Overhang	mm	355				
	Thread (Front / Rear)	mm	902 / 175			915 / 175	
	Ground Clearance	Min.	mm	90			
	Wheelbase	mm	1250	1358	1465		
	Fork Spread	Min / Max.	mm	200 / 1000			
	Working aisle width with pallet (Ast)	1000 x 1200 Crossways	mm	3161	3271	3380	
		800 x 1200 Lengthways	mm	3260	3370	3480	
Service weight	Include battery box		2760	2950	3020	3080	3370

Performance	Speed	Travel (Load)	km/h	13(14)				12(15)
		Travel (No Load)	km/h	13(14)				13(18)
		Lifting (Load)	mm/s	300	290	280	270	250
		Lifting (No Load)	mm/s	450	440		430	400
	Gradeability	Load	%	16(20)	15(20)	15(18)	12(15)	
		No Load	kg	16(20)	20(20)	15(20)	13(18)	