

# Model CBD20R-II



1KG=2.205LB 1INCH=25.40MM

MODEL		CBD20R-I	CBD25R-I	CBD20R-II
Drive type		electric	electric	electric
Operation type		standing	standing	standing
<b>Load capacity</b>	<b>Q(kg)</b>	<b>2000</b>	<b>2500</b>	<b>2000</b>
Load centre distance	c(mm)	600	600	600
Load distance, centre of drive axle to fork	x(mm)	818/868/938	818/868/938	815/865/935
Fork height, lowered	$h_{s1}$ (mm)	85/80	85/80	82
Wheelbase	y(mm)	1302/1352/1422	1302/1352/1422	1211/1261/1331
Axle loading, laden front/rear	kg	1640/1080	2040/1180	1300/1410
Axle loading, unladen front/rear	kg	160/560	160/560	110/600
Tyres		polyurethane	polyurethane	polyurethane
Tyre size, front	mm	$\phi$ 250x70	$\phi$ 250x70	$\phi$ 250 x 70
Tyre size, rear	mm	$\phi$ 82x90/ $\phi$ 78x90	$\phi$ 82x90/ $\phi$ 78x90	$\phi$ 82 x 98
Additional wheels(dimensions)	mm	$\phi$ 127x57	$\phi$ 127x57	$\phi$ 127 x 57
Wheels, number front rear(x=driven wheels)		1X+2/4	1X+2/4	1X+2/2(4)
Tread, front	$b_{s1}$ (mm)	490	490	490
Tread, rear	$b_{s2}$ (mm)	340/370/470/505	340/370/470/505	340/370/470/505
Max. lift height	$h_{s2}$ (mm)	195/205	195/205	202
Height of tiller in drive position min./max.	$h_{s3}$ (mm)	1150/1450	1150/1450	1150/1430
Overall length	$l_1$ (mm)	1823/1873/1943	1823/1873/1943	1710/1760/1830
Length to face of forks	$l_2$ (mm)	723	723	610
Overall width	$b_1$ (mm)	733	733	775
Fork dimensions	s/e/l(mm)	53x180x1100(1150/1220)	53x180x1100(1150/1220)	53 x 180 x 1100 (1150/1220)
Width overall forks	$b_2$ (mm)	520/550/650/685	520/550/650/685	520/550/650/685
Ground clearance, centre of wheelbase	$m_2$ (mm)	30	30	28
Aisle width for pallets 1000x1200 crossways	$A_{s1}$ (mm)	2135/2185/2255	2135/2185/2255	1910/1960/2030
Aisle width for pallets 800x1200 lengthways	$A_{s2}$ (mm)	2235/2235/2255	2235/2235/2255	2010/2010/2030
Turning radius	$W_1$ (mm)	1700/1750/1820	1700/1750/1820	1550/1600/1670
Travel speed, laden/unladen	Km/h	7.9/8	6.7/6.8	7/7.1
Lift speed, laden/unladen	m/s	0.03/0.032	0.03/0.032	0.039/0.056
Lowering speed, laden/unladen	m/s	0.032/0.03	0.032/0.03	0.064/0.050
Max. gradeability, laden/unladen	%	10/20	8/20	8/20
Service brake		regenerative	regenerative	Electromagnetic brake
Battery voltage, nominal capacity $K_1$	V/Ah	24/240	24/240	24/210
Battery weight	Kg	240	240	170
Battery dimensions l/w/h	mm	650x250x505	650x250x505	750 x 170 x 534
Sound level at the driver's ear acc. to DIN 12053	dB(A)	70	70	70
Service weight (with battery)	kg	720	720	710

