

Distinguishing mark	1.1	Manufacturer						
	1.2	Manufacturer's type designation		CPCD280-W36	CPCD280-W50	CPCD300-W36	CPCD300-W50	CPCD320-W36
		Type		Variable system	Variable system	Variable system	Variable system	Variable system
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Diesel	Diesel	Diesel	Diesel	Diesel
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Seated	Seated	Seated	Seated	Seated
	1.5	Rated capacity/rated load	Q (kg)	28000	28000	30000	30000	32000
	1.6	Load centre distance	c (mm)	1200	1200	1200	1200	1200
	1.8	Load distance, centre of drive axle to fork	x (mm)	1160	1160	1160	1160	1160
	1.9	Wheelbase	y (mm)	4750	4750	4750	4750	4750
Weight	2.1	Service Weight	kg	40000	40000	42000	42000	43500
Tyres, chassis	3.2	Tyre size, front		16.00-25-32PR	16.00-25-32PR	16.00-25-32PR	16.00-25-32PR	16.00-25-32PR
	3.3	Tyre size, rear		16.00-25-32PR	16.00-25-32PR	16.00-25-32PR	16.00-25-32PR	16.00-25-32PR
	3.5	Wheels, number front / rear (x = driven wheels)		4x/2	4x/2	4x/2	4x/2	4x/2
	3.6	Tread, front	b1ø (mm)	2460	2460	2460	2460	2460
Dimensions	3.7	Tread, rear	b11 (mm)	2440	2440	2440	2440	2440
	4.1	Tilt of mast/fork carriage forward/backward	α/β(°)	6°/10°	6°/10°	6°/10°	6°/10°	6°/10°
	4.2	Height, mast lowered	h1 (mm)	4200	4200	4200	4200	4200
	4.3	Free lift	h2 (mm)	0	0	0	0	0
	4.4	Lift	h3 (mm)	4000	4000	4000	4000	4000
	4.5	Height, mast extended	h4 (mm)	6200	6200	6200	6200	6200
	4.7	Height of cabin	h6 (mm)	3550	3550	3550	3550	3550
	4.19	Overall length	l1 (mm)	9330	9330	9330	9330	9330
	4.20	Length to face of forks	l2 (mm)	6890	6890	6890	6890	6890
	4.21	Overall width	b1(mm)	3420	3420	3420	3420	3420
	4.22	Fork dimensions ISO 2331	s/e/l (mm)	2440×300×110	2440×300×110	2440×300×110	2440×300×110	2440×300×110
	4.25	Distance between fork-arms	bs (mm)	1000/3000	1000/3000	1000/3000	1000/3000	1000/3000
	4.31	Ground clearance, laden, below mast	m1 (mm)	300	300	300	300	300
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	450	450	450	450	450
	4.35	Turning radius	Wa (mm)	6600	6600	6600	6600	6600
Performance Data		Min.right angle aisle width	mm	7760+J+F	7760+J+F	7761+J+F	7761+J+F	7762+J+F
	5.1	Travel speed, laden/unladen	km/h	22/25	22/25	22/25	22/25	22/25
	5.2	Lift speed, laden/unladen	m/s	0.27/0.30	0.27/0.30	0.26/0.29	0.26/0.29	0.26/0.29
	5.5	Drawbar pull, laden/unladen	N	220000/-	220000/-	220000/-	220000/-	220000/-
	5.7	Gradeability, laden/unladen	%	20/-	20/-	20/-	20/-	20/-
	5.10	Service brake		Wet disc brake system				
		Parking brake		Spring Applied,Hydraulic release multidisc brake				
Combustion-engine	7.1	Engine manufacturer/type		CUMMINS/QSCB.3	CUMMINS/QSL9	CUMMINS/QSCB.3	CUMMINS/QSL9	CUMMINS/QSCB.3
		Emission STD		StageIIIA/Tier3	StageIIIB/Tier4i	StageIIIA/Tier3	StageIIIB/Tier4i	StageIIIB/Tier4i
	7.2	Engine power according to DIN ISO 1585	kw	179	186	179	186	186
	7.3	Rated speed	min	2200	2200	2200	2200	2200
	7.4	Number of cylinders/displacement	(-) / (cm ³)	6/8300	6/8900	6/8300	6/8900	6/8900
	7.10	Battery voltage/nominal capacity	V/Ah	2×12/150	2×12/150	2×12/150	2×12/150	2×12/150
		Rated torque	N.m/r/min	1085/1500	1085/1500	1085/1500	1085/1500	1085/1500
		Bore x stroke	mm	114×135	114×145	114×145	114×135	114×145

