

Salesman's Handbook

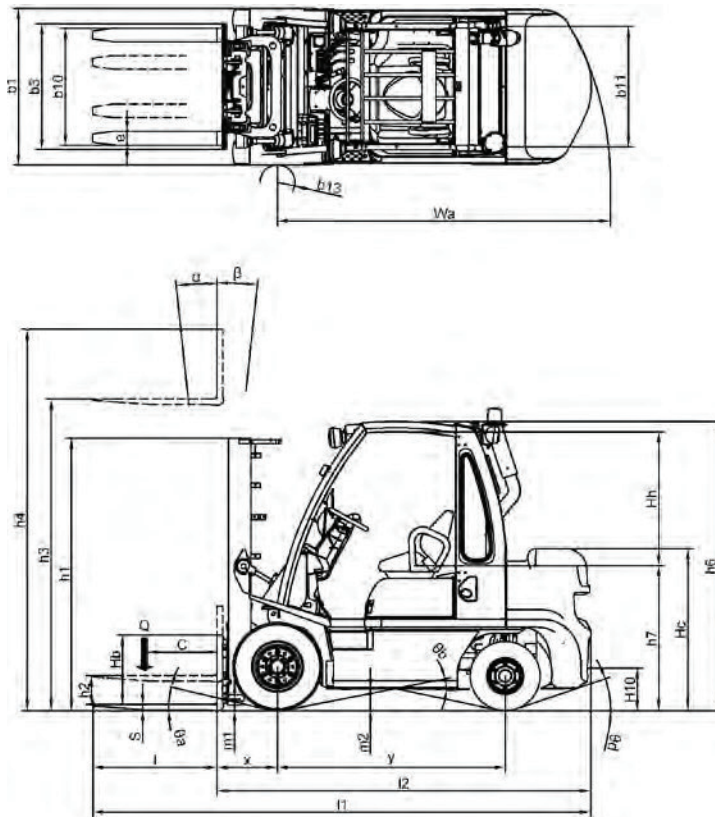
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for Europe

DX Series



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DX-30

MAST SPECIFICATIONS & RATED CAPACITIES

Mast type	Mast name	Max. Fork height	Overall height				Free lift		Front overhang				Tilt angle Forward / Backward	Load capacity Load center 500 mm
			Fully lowered	Fully extended		Without backrest	With STD backrest	STD Forks	Hook On Side shift	Integral Side shift	Integral Fork positioner			
				without backrest	With STD backrest									
		mm	mm	mm	mm	mm	mm	mm	mm	mm	deg (1)	kg		
Two stage 2W	2W300 (std)	3000	2025	3675	4140	160	160	485	552	514	581,5	6/12	3000	
	2W330	3300	2175	3975	4440								3000	
	2W350	3500	2310	4175	4640								3000	
	2W370	3700	2435	4375	4840							3000		
	2W400	4000	2625	4675	5140							3000		
	2W450	4500	2875	5175	5640							6/6	3000	
	2W500	5000	3125	5675	6140							2600		
Two stage 2F	2F300	3000	2025	3700	4140	1370	930	485	552	514	581,5	6/12	3000	
	2F330	3300	2175	4000	4440	1520	1080						3000	
	2F350	3500	2310	4200	4640	1655	1215						3000	
	2F370	3700	2435	4400	4840	1780	1340					3000		
	2F400	4000	2625	4700	5140	1970	1530					3000		
	2F450	4500	2875	5175	5640	2160	1720					3000		
Three stage 3F	3F385	3850	2025	4515	4990	1405	930	485	552	514	581,5	6/6	3000	
	3F430	4300	2175	4965	5440	1555	1080						3000	
	3F475	4750	2310**	5415	5890	1690	1215						2900	
	3F515	5150	2435	5815	6290	1815	1340						2400	
	3F550	5500	2625	6165	6640	2005	1530					1900		
	3F600	6000	2875	6665	7140	2255	1780					1500		
	3F650*	6500	3125	7165	7640	2505	2030					2200		
	3F700*	7000	3375	7665	8140	2755	2280					1900		
Three stage 3V	3V385	3850	2025	4505	4990	1325	930	505	572	534	601,5	6/6	3000	
	3V430	4300	2175	4955	5440	1475	1080						2950	
	3V470	4700	2310	5355	5840	1605	1215						2850	
	3V505	5050	2435	5705	6190	1735	1340						2400	
	3V555	5550	2625	6205	6690	1925	1530						1800	
	3V600	6000	2875	6655	7140	2175	1780						1400	
	3V650*	6500	3125	7155	7640	2425	2030						2200	
	3V700*	7000	3375	7655	8140	2545	2280						1900	

* Only available on front dual tires. Load capacity with double pneumatic tires. Truck width 1720mm

** Special container mast available: 2175 mm (see Options)

(1) in case of cabin, tilting angle is always 6°/6°

MAIN TRUCK SPECIFICATIONS

ITEM			DX30		
Characteristics	1.1	Manufacturer	UniCarriers	UniCarriers	
	1.2	Model name	UG1D2A30LQ	YG1D2A30Q	
	1.3	Power unit: Electric, Diesel, Gasoline, LPG, others	LPG	Diesel	
	1.4	Operation: Sit, Hand, Pedestrian, Standing, Order picking	Sit	Sit	
	1.5	Load capacity	Q (t)	3,0	3,0
	1.6	Load centre	o (mm)	500	500
	1.8	Front overhang	x (mm)	485	485
	1.9	Wheel base	y (mm)	1760	1760
	Weights	2.1	Service weight	Kg	4220*
2.2		Axle load with load, front/rear	Kg	6385/835	6460/910
2.3		Axle load without load, front/rear	Kg	1705/2515	1780/2590
Wheels & Tires	3.1	Tires front/rear (C=cushion, SE=superelastic, P=pneumatic)		Pneumatic	Pneumatic
	3.2	Tire size, front		28x9-15-14PR	28x9-15-14PR
	3.3	Tire size, rear		6.50-10-14PR	6.50-10-14PR
	3.5	Wheels, number front/rear (x=powered)		2x/2	2x/2
	3.6	Tread, front	b10 (mm)	1005	1005
	3.7	Tread, rear	b11 (mm)	980	980
	Dimensions	4.1	Tilt Mast/carriage, forward/backward	α/β (°)	6/12
4.2		Height mast fully lowered	h1 (mm)	2025	2025
4.3		Free lift	h2 (mm)	160	160
4.4		Lift height	h3 (mm)	3000	3000
4.5		Height mast fully extended	h4 (mm)	4140	4140
4.7		Overhead guard height	h6 (mm)	2155	2155
4.8		Seat height / Standing height	h7 (mm)	1065	1065
4.12		Towing coupler height	h10 (mm)	365	365
4.19		Overall length	l1 (mm)	3870	3870
4.20		Length to fork face	l2 (mm)	2770	2770
4.21		Overall Width	b1 (mm)	1230	1230
4.22		Fork dimensions	s,e,l (mm)	45X100X1100	45X100X1100
4.23		Carriage DIN 15173, class / Form A,B		3A	3A
4.24		Carriage width	b3 (mm)	1020	1020
4.31		Mast underclearance loaded	m1 (mm)	145	145
4.32		Underclearance centre wheelbase	m2 (mm)	190	190
4.33	Right angle stacking aisle with pallet 1000x1200 wide	Ast (mm)	4075	4075	
4.34	Right angle stacking aisle with pallet 800x1200 deep	Ast (mm)	4275	4275	
4.35	Turning radius	Wa (mm)	2390	2390	
4.36	Turning radius inner	b13 (mm)	160	160	
Performance	5.1	Travelling speed with/without load	km/h	19/19	18,5/18,5
	5.2	Lifting speed with/without load (2W)	mm/s	520/580	510/550
	5.3	Lowering speed with/without load (2W)	mm/s	500/500	500/500
	5.5	Drawbar pull, with/without load	kN	17,4/17,2	16,7/17,5
	5.7	Gradeability with/without load	%	23/23	21/23
	5.9	Acceleration with/without load	s	4,8/4,0	5,2/4,2
5.10	Service brake		Hydraulic	Hydraulic	
Drive	7.1	Engine manufacturer/type		GCT / GK25	GCT / QD32
	7.2	Engine rated power according ISO 1585	kW	46,9	36
	7.3	Rated engine revolutions	rpm	2700	2150
	7.4	Number of cylinders/Displacement	cm3	4/2488	4/3153
	7.5	Fuel consumption according VDI cycle	l/h ; Kg/h	3,3	4,2
Others	8.1	Type of drive control		Torque converter	Torque converter
	8.2	Working pressure attachments	bar	130	130
	8.3	Oil flow for attachment	l/min	70	70
	8.4	Noise level operator's ear according EN 12053	dB (A)	77 (ECO-mode)	78

* Excluding the weight for LPG bottle