

Salesman's Handbook

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for Europe

TX Series



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MAIN TRUCK SPECIFICATIONS

		ITEM		TX4-20L
Characteristics	1.1	Manufacturer	-	UniCarriers
	1.2	Model Variation	-	JAG2N1L20Q
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas	-	Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker	-	Driver seated
	1.5	Rated capacity/rated load	Q (t)	2
	1.6	Load centre distance	c (mm)	500
	1.8	Load distance, centre of drive axle to fork	x (mm)	380
	1.9	Wheelbase	y (mm)	1540
	Weights	2.1	Service weight	kg
2.2		Axle load with load, front/rear	kg	4800 / 665
2.3		Axle load without load, front/rear	kg	1655 / 1810
Wheels & Tires	3.1	Tyres front/rear (SE=Super Elastic, C=Cushion)	-	SE / SE
	3.2	Tyre size, front	-	200/50-10
	3.3	Tyre size, rear	-	16x6-8
	3.5	Wheels, number front/rear (x = driven wheels)	-	2x / 2
	3.6	Tread, front	b10(mm)	930
	3.7	Tread, rear	b11(mm)	918
	Dimensions	4.1	Tilt Mast/carriage, forward/backward	α/β (°)
4.2		Standard mast height, fully lowered	h1 (mm)	2105
4.3		Standard mast free lift	h2 (mm)	100
4.4		Standard mast lift height	h3 (mm)	3300
4.5		Standard mast height, fully extended	h4 (mm)	4245
4.7		Overhead guard height/ Optional low overhead guard height	h6 (mm)	2110/1995
4.8		Seat height relating to SIP/stand on platform	h7 (mm)	1065
4.12		Towing coupler height	h10 (mm)	300
4.19		Overall length with fork/without fork	l1 (mm)	3085
4.20		Length to fork face	l2 (mm)	2185
4.21		Overall width	b1(mm)	1125
4.22		Fork dimensions DIN ISO 2331	s/e/l (mm)	40/100/900
4.23		Fork carriage according to DIN 15173, class / form A,B	-	2A
4.24		Carriage width / Max. fork spread	b3 (mm)	920 / 920
4.31		Ground clearance, below mast	m1 (mm)	75
4.32		Ground clearance, centre of wheel base (Frame)	m2 (mm)	95
4.33		Right angle stacking aisle with pallet 1000x1200 crossways (1)	Ast (mm)	3558
4.34	Right angle stacking aisle with pallet 800x1200 lengthways (1)	Ast (mm)	3755	
4.35	Turning radius	Wa (mm)	1975	
4.36	Internal turning radius	b13 (mm)	515	
Performance	5.1	Travelling speed with/without load	km/h	17.0 / 17.0
	5.2	Lifting speed with/without load	m/s	0.38 / 0.58
	5.3	Lowering speed with/without load	m/s	0.53 / 0.53
	5.5	Drawbar pull, with/without load, [S2-60min]	N	5285/5416
	5.6	Maximum drawbar pull, with/without load, [S2-5min]	N	10590/10555
	5.7	Gradeability with/without load, [S2-30min]	%	13.2/20.5
	5.8	Maximum gradeability with/without load, [S2-5min]	%	22.1/34.9
	5.9	Acceleration with/without load	s	4.6 / 4.0
	5.10	Service brake	-	Electric
	Drive	6.1	Drive motor rating [S2-60min]	kW
6.2		Lift motor rating [S3-15%]	kW	9,3
6.3		Battery according to DIN 43531/35/36 A, B, C, no	-	DIN 43531 A
6.4		Battery voltage/ Battery capacity	V/Ah	48 / 750
6.5		Battery weight (Min-Max)	kg	962-1064
6.6		Energy consumption acc. to VDI cycle (2)	kWh/h	5.0
Others	8.1	Type of drive unit	-	MOS FET Inverter
	10.1	Operating pressure for attachments	bar	245
	10.2	Oil volume for attachments	l/min	25
	10.7	Sound pressure level at the driver's seat Lpaz (acc. to EN12053)	dB(A)	67

1) With 200mm clearance

2) According VDI 60 cycles