



TX3-18

MAST SPECIFICATIONS & RATED CAPACITIES

Mast type	Mast name	Max. Fork heigh mm	Overall height			Free lift		Front overhang				Tilt angle	Load capacity
			Fully lowered mm	Fully extended		Without backrest mm	With STD backrest mm	Std. Fork mm	Hook on side shift mm	Integral side shift mm	Integral ForkPositioner mm	Forward / Backward deg	Load center 500 mm kg
				without backrest mm	With STD backrest mm								
Two stage 2W	2W300	3000	1955	3635	3945	100	100	380	440	420	495	5/5	1800
	2W330	3300	2105	3935	4245	100	100						1800
	2W350	3500	2240	4135	4445	100	100						1800
	2W370	3700	2365	4335	4645	100	100						1800
	2W400	4000	2555	4635	4945	100	100						1800
	2W450	4500	2805	5135	5445	100	100						1750
2W500	5000	3055	5635	5945	100	100	1700						
Two stage 2F	2F300	3000	1955	3635	3945	1360	1050	380	440	420	495	5/5	1800
	2F330	3300	2105	3935	4245	1510	1200						1800
	2F350	3500	2240	4135	4445	1645	1335						1800
	2F370	3700	2365	4335	4645	1770	1460						1800
	2F400	4000	2555	4635	4945	1960	1650						1800
Three stage 3F	3F385	3850	1805	4485	4795	1210	900	400	465	440	515	5/5	1800
	3F430	4300	1955	4935	5245	1360	1050						1750
	3F475	4750	2105	5385	5695	1510	1200						1700
	3F515	5150	2240	5785	6100	1645	1335						1650
	3F550	5500	2365	6135	6445	1770	1460						1600
	3F600	6000	2555	6635	6945	1960	1650						1400
	3F650	6500	2805	7135	7445	2210	1900						1100
	3F700	7000	3055	7635	7945	2460	2150						900

MAIN TRUCK SPECIFICATIONS

		ITEM		TX3-18
Characteristics	1.1	Manufacturer	-	UniCarriers
	1.2	Model Variation	-	A2N1L18Q
	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)	1,8
	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)	1385
	Weights	2.1	Service weight	kg
2.2		Axle load with load, front/rear	kg	4555 / 620
2.3		Axle load without load, front/rear	kg	1610 / 1765
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	-	140/55-9
	3.5	Wheels, number front/rear (x = driven wheels)	-	2x / 2
	3.6	Tread, front	b10(mm)	930
	3.7	Tread, rear	b11(mm)	176
	Dimensions	4.1	Tilt Mast/carriage, forward/backward	a/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)	470
4.19		Overall length with fork/without fork	l1 (mm)	2835
4.20		Length to fork face	l2 (mm)	1935
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)	3260
4.34		Right angle stacking aisle with pallet 800x1200 lengthways (1)	Ast (mm)	3385
4.35	Turning radius	Wa (mm)	1555	
4.36	Internal turning radius	b13 (mm)	-	
Performance	5.1	Travelling speed with/without load	km/h	16.0 / 16.0
	5.2	Lifting speed with/without load	m/s	0.41/ 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	5371/5531
	5.6	Maximum drawbar pull, with/without load, [S2-5min]	N	10675/10670
	5.7	Gradeability with/without load, [S2-30min]	%	14.0/21.0
	5.8	Maximum gradeability with/without load, [S2-5min]	%	23.4/35.9
	5.9	Acceleration with/without load	s	4.5 / 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 / 625
6.5		Battery weight (Min-Max)	kg	813-899
6.6		Energy consumption acc. to VDI cycle (2)	kWh/h	4,7
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