

Tow Tractor

OTP300 / OTP500

Tow tractor efficiency defined with operator-oriented 3D entry, dampened and wide walk-through platform, XControl 200° steering, Boost effect and excellent towing capacity, makes this model the quickest and most ergonomic tow tractor.



	0	Specifications		OTP 300		
Distinguishing mark	1.2	Manufacturer's type designation				
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Electric		
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker, tow tractor		Tow tractor		
	1.5	Load capacity/rated load	Q	t	3000	
	1.6	Load center distance	c	mm		
	1.7	Rated drawbar pull	F	N	600	
	1.8	Load distance, center of load axle to fork	X			
	1.9	Wheelbase	y	mm	1120	
	Weight	2.1	Service weight incl battery		kg	1106
2.2		Axle load, with load, front / rear		kg		
2.3		Axle load, without load, front / rear		kg	616 / 490	
2.4		Axle load, fork outreached with load, front / rear		kg		
2.5		Axle load, fork retracted with load, front / rear		kg	Vulkollan / Polyurethane	
Tires, Chassis	3.1	Tires			250	
	3.2	Tire size, drive side		mm	250	
	3.3	Tire size, load side		mm		
	3.4	Dimensions additional wheels (castor wheels)		mm	2 / 1x	
	3.5	Wheels, number front/rear (drive side/load side, x = driven wheels)				
	3.6	Track, drive side	b10	mm	650	
	3.7	Track, load side	b11	mm		
Dimensions	4.1	Tilt of mast/fork carriage, forward/backward		Grad	1173	
	4.2	Height, mast lowered	h1	mm		
	4.3	Free lift	h2	mm		
	4.4	Lift height H = h13+h3	H	mm		
	4.5	Height, mast extended	h4	mm		
	4.6	Straddle lift	h5	mm		
	4.7	Height of overhead guard (cabin)	h6	mm		
	4.8	Seat height/stand height	h7	mm	123	
	4.10	Height of wheel arms	h8	mm		
	4.11	Additional lift	h9	mm		
	4.12	Coupling height		mm	155(i)	
	4.14	Stand height, elevated	h12	mm		
	4.15	Height lowered	h13	mm		
	4.19	Overall length	l1	mm	1450	
	4.20	Length to face of forks	l2	mm		
	4.21	Overall width	b1	mm	800	
	4.21.1	Width over stabilizers		mm		
	4.22	Fork dimensions	s/e/l	mm		
	4.23	Fork carriage to ISO 2328, class / form A, B		mm		
	4.24	Width of fork carriage	b3	mm		
	4.25	Width over forks, min/max	b5	mm	794	
	4.26	Distance between wheel arms	b4	mm		
	4.27	Width across guide rolls	b6	mm		
	4.28	Reach distance	l4	mm		
	4.29	Reach lateral	b7	mm		
	4.30	Reach lateral from vehicle centerline	b8	mm		
	4.31	Ground clearance, mast	m1	mm		
	4.32	Ground clearance, center of wheelbase	m2	mm	50	
	4.33	Aisle width with pallet 1000 x 1200, crosswise	Ast	mm		
	4.34	Aisle width for pallet 800 x 1200, lengthwise	Ast	mm		
	4.35	Turning radius	Wa	mm	1306	
	4.37	Length incl reach legs	l7	mm		
	4.38	Distance to swivelling-fork pivot	0	mm		
	Performance data	5.1	Travel speed, with / without load		km/h	9.0 / 13.0 (ii)
		5.1.1	Travel speed with / without load, backwards		km/h	
		5.2	Lift speed, with / without load		m/s	
		5.3	Lowering speed, with / without load		m/s	
		5.4	Reach speed, with / without load		m/s	
5.7		Gradient, with/without load		%	6 / 15	
5.8		Max gradeability, with / without load, 5 min rating		%		
5.9		Acceleration time 0-10 m, with / without l		s		
5.10		Service brake: electric, h			Electric	
5.10.1		Parking brake: electric, hydraulic				
Electric Battery	6.1	Drive motor, rating S2 60 min		kW	2.6	
	6.2	Lift motor		kW	2.2(iii)	
	6.3	Battery according to DIN 43531/35/36	A,B,C			
	6.4	Battery voltage / Battery capacity		V/Ah	24 / 620	
	6.5	Battery weight		kg	493	
	6.6	Power consumption according to VDI cycle		kWh/h	0.92	
Additional data	8.1	Speed regulation			Stepless	
	10.1	Operating pressure attachments		bar	190 bar (iii)	
	10.2	Oil flow for attachments		l/min	5 l/min (ii)	
	10.7	Noise level at operator's ear, according to EN 12 0		db(A)	69	
	11.1	Notes			(i) Other coupling height available (ii) See drive speed chart (iii) Optional	

* varies according to battery size

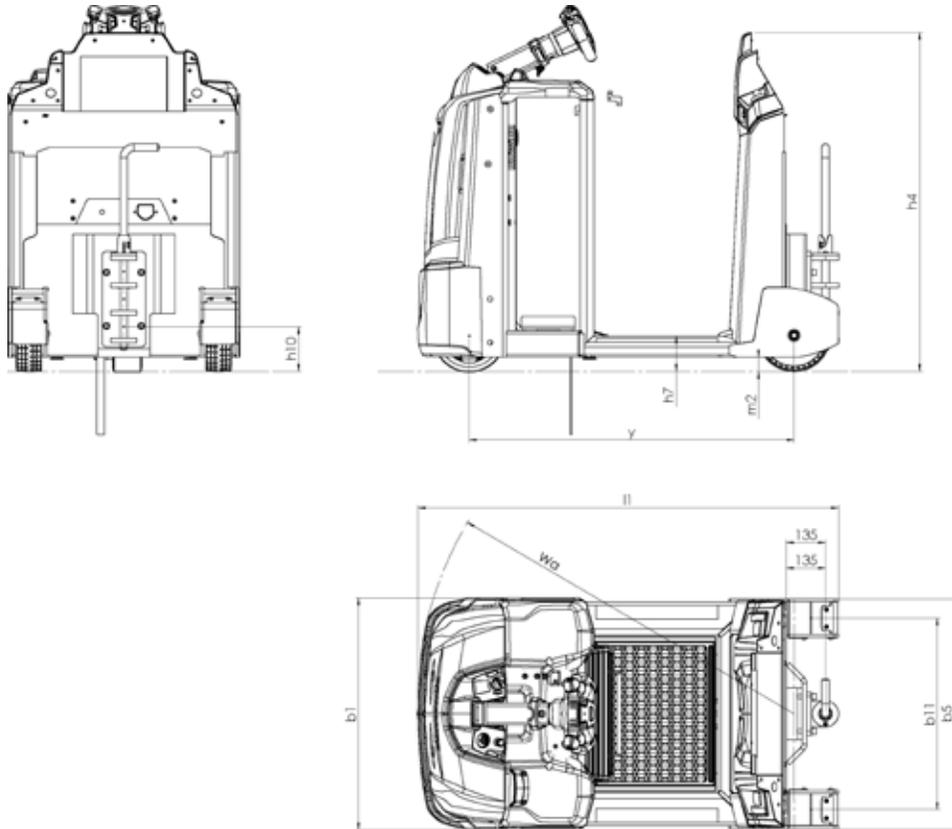
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	0	OTP 500
Distinguishing mark	1.2	
	1.3	Electric
	1.4	Tow tractor
	1.5	5000
	1.6	
	1.7	1000
	1.8	
Weight	1.9	1120
	2.1	1106
	2.2	
	2.3	616 / 490
	2.4	
Tires, Chassis	2.5	Vulkollan / Polyurethane
	3.1	250
	3.2	250
	3.3	
	3.4	2 / 1x
	3.5	
	3.6	650
Dimensions	3.7	
	4.1	1173
	4.2	
	4.3	
	4.4	
	4.5	
	4.6	
	4.7	
	4.8	123
	4.10	
	4.11	
	4.12	155(i)
	4.14	
	4.15	
	4.19	1450
	4.20	
	4.21	800
	4.21.1	
	4.22	
	4.23	
	4.24	
	4.25	794
	4.26	
	4.27	
	4.28	
4.29		
4.30		
4.31		
4.32	50	
4.33		
4.34		
4.35	1306	
4.37		
4.38		
Performance data	5.1	9.0 / 13.0 (ii)
	5.1.1	
	5.2	
	5.3	
	5.4	
	5.7	6 / 15
	5.8	
	5.9	
	5.10	Electric
	5.10.1	
Electric Battery	6.1	2.6
	6.2	2.2(iii)
	6.3	
	6.4	24 / 620
	6.5	493
	6.6	1.23
Additional data	8.1	Stepless
	10.1	190 bar (iii)
	10.2	5 l/min (ii)
	10.7	69
	11.1	(i) Other coupling height available (ii) See drive speed chart (iii) Optional

* varies according to battery size

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