

TSE100/150

Specifications					TSE100 - 702		TSE150 - 708	
Identification	1.2	Model				TSE100 - 702	TSE150 - 708	
	1.3	Drive				Electric	Electric	
	1.4	Operator type				Stand on	Stand on	
	1.5	Load capacity/rated load	Q	kg	1000	1500		
	1.7	Rated drawbar pull	F	N	600	600		
	1.9	Wheelbase	y	mm	815	815		
Weight	2.1	Service weight including battery		kg	250	430 ¹⁾		
	2.2	Axle load, with load, drive/castor/fork wheel		kg	150/33/68	182/45/123		
	2.3	Axle load, without load, drive/castor/fork wheel		kg	150/33/68	182/45/123		
Wheels	3.1	Drive/castor/fork wheel			Polyurethane/Polyurethane/Elastic			
	3.2	Wheel size, front		mm	250x80	250x80		
	3.3	Wheel size, rear		mm	200x50	200x50		
Dimensions	4.2.1	Overall height	h ₁₅	mm	1091	1358		
	4.8	Stand height	h ₇	mm	70	70		
	4.12	Coupling height						
		towing pin	h ₁₀	mm	—	199/269, 344/414		
		towing bar	h ₁₀	mm	270 ⁴⁾	231/331/431		
	4.19	Overall length	l ₁	mm	1266	1333/1299		
	4.21	Overall width	b ₁ /b ₂	mm	595/600	595/584		
	4.32	Ground clearance, centre of wheelbase	m ₁ /m ₂	mm	33	33		
	4.35	Turning radius	W _a	mm	1085	1085		
	4.44	Clear width driver compartment entrance	l ₂₄	mm	423	401		
Performance data	5.1	Travel speed, with/without load		km/h	9,0/12,0 ⁵⁾	6,0/12,0 ⁵⁾		
	5.5	Drawbar pull, with/without load		N	600	600		
	5.6	Max. drawbar pull, with/without load		N	1320	1320		
	5.7	Gradeability, with/without load		%	10/15	10/15		
	5.8	Max. gradeability, with/without load ²⁾		%	10/15	10/15		
	5.9	Acceleration time, with/without load (0-10m)		s	5,7/4,7	5,7/4,7		
	5.10	Service brake			Electromagnetic	Electromagnetic		
Electric motor	6.1	Drive motor rating S2 60 min		kW	1,0	1,0		
	6.4	Battery voltage/nominal capacity K _s		V/Ah	24/76, 105	24/76, 105		
	6.5	Battery weight		kg	58/75	58/75		
	6.6	Energy consumption according to VDI cycle ³⁾		kWh/h				
Other	8.1	Type of drive control			Variable AC	Variable AC		
	8.4	Sound level at the driver's ear according to EN 12 053		dB (A)	<70	<70		

1) With 105 Ah battery.

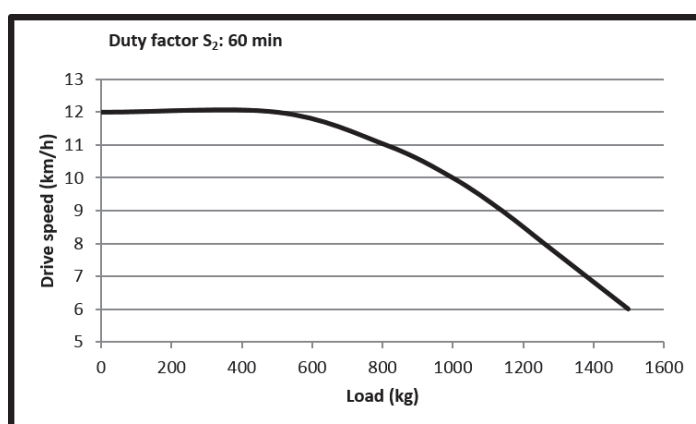
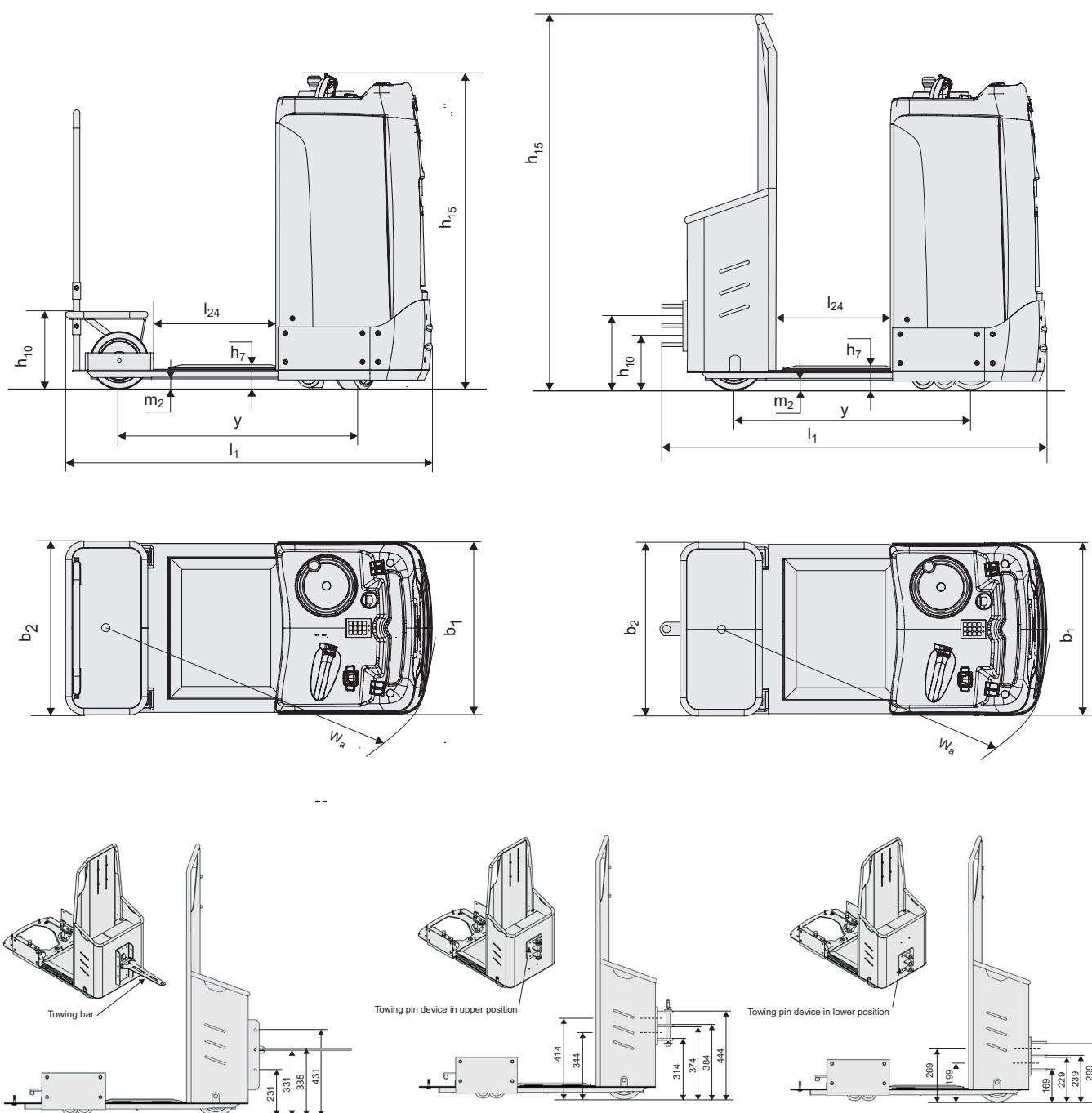
2) Measured according to company standard.

3) Contact your supplier for information.

4) Adjustable upwards.

5) Higher speed with braked trailers possible.

Dimensional drawings



TSE100W

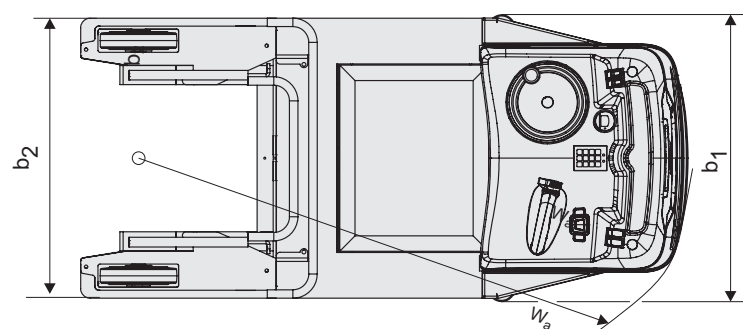
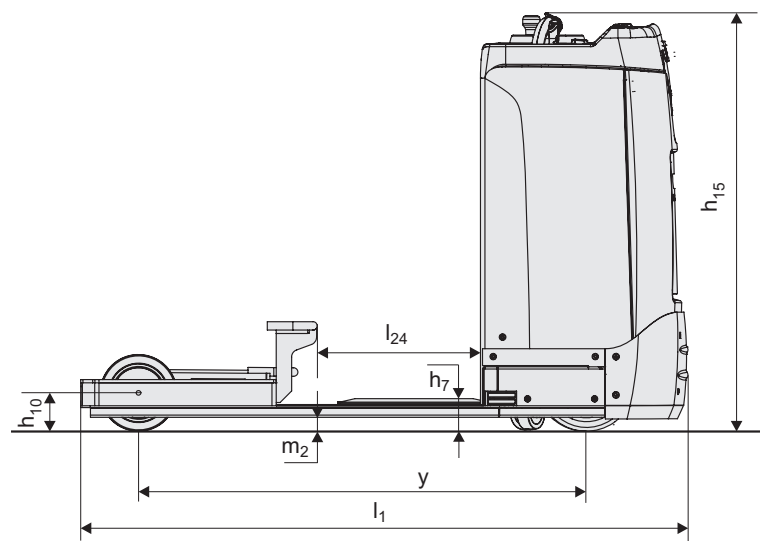
Specifications					TSE100W - 709	TSE100W - 710	TSE100W - 713
	1.2	Model			TSE100W - 709	TSE100W - 710	TSE100W - 713
	1.3	Drive			Electric	Electric	Electric
	1.4	Operator type			Stand on	Stand on	Stand on
	1.5	Load capacity/rated load	Q	kg	1000	1000	1000
	1.9	Wheelbase	y	mm	1165	1165	1053
Weight	2.1	Service weight including battery		kg	260 ¹⁾	280 ¹⁾	300 ¹⁾
	2.2	Axle load, with load, drive/castor/fork wheel		kg	156/34/610	168/36/629	180/47/81
	2.3	Axle load, without load, drive/castor/fork wheel		kg	156/34/70	168/36/89	180/47/81
Wheels	3.1	Drive/castor/fork wheel			Polyurethane/Polyurethane/Elastic		
	3.2	Wheel size, front		mm	250x80	250x80	250x80
	3.3	Wheel size, rear		mm	200x50	200x50	200x50
Dimensions	4.2.1	Overall height	h_{15}	mm	1091	1091	1091
	4.8	Stand height	h_7	mm	70	70	70
	4.12	Coupling height	h_{10}	mm	92	92	83
	4.19	Overall length	l_1	mm	1583	1583	1475
	4.21	Overall width	b_1/b_2	mm	747/730	975/945	1327/1292
	4.32	Ground clearance, centre of wheelbase	m_2	mm	33	33	33
	4.35	Turning radius	W_a	mm	1432	1440	1320
	4.44	Clear width driver compartment entrance	l_{24}	mm	426	426	418
		Load carriers, width		mm	600	800	1200
Performance data	5.1	Travel speed, with/without load		km/h	9,0/12,0	9,0/12,0	9,0/12,0
	5.7	Gradeability, with/without load		%	10/15	10/15	10/15
	5.8	Max. gradeability, with/without load ²⁾		%	10/15	10/15	10/15
	5.9	Acceleration time, with/without load (0-10m)		s	5,7/4,7	5,7/4,7	5,7/4,7
	5.10	Service brake			Electromagnetic		
Electric motor	6.1	Drive motor rating S2 60 min		kW	1,0	1,0	1,0
	6.4	Battery voltage/nominal capacity K_s		V/Ah	24/76, 105	24/76, 105	24/76, 105
	6.5	Battery weight		kg	58/75	58/75	58/75
	6.6	Energy consumption according to VDI cycle ³⁾		kWh/h			
Other	8.1	Type of drive control			Variable AC	Variable AC	Variable AC
	8.4	Sound level at the driver's ear according to EN 12 053		dB (A)	<70	<70	<70

1) With 105 Ah battery.

2) Measured according to company standard.

3) Contact your supplier for information.

Dimensional drawings



Standard equipment and option availability

W-, S- and N-Series	TWE120/200	TSE300/500	TSE100	TSE100W
Truck features				
BT Powerdrive	—	●	—	—
Choice of chassis widths	—	—	●	●
High performance models	●	●	●	●
Choice of connections and hooks	●	●	●	●
Driving features				
180°+ steering	—	—	●	●
200°+ steering	—	●	—	—
Automatic deceleration	●	●	●	●
Electronic braking system	●	●	●	●
Electronic regenerative brakes (motor)	—	●	—	—
Electronic speed control	●	●	●	●
Control and instruments				
Adjustable E-man control console	—	○	—	—
Choice of permanent or foldable steering arm	●	—	—	—
Hour meter	—	●	●	●
Information display	—	●	●	●
Power/electronic steering	—	●	—	—
Travel AC control	—	●	●	●
Safety features				
Automatic parking brake	●	●	●	●
BT access control (PIN codes)	○	●	●	●
Smart access (electronic card/fob)	—	○	—	—
Key switch start	●	—	—	—
Driver detection system	—	●	●	●
Emergency switch/lever	●	●	●	●
Programmable performance	●	●	●	●
Protective bumpers	—	○	○	○
Electric horn	●	●	●	●
Operator features				
E-bar	—	○	—	—
Folding seat	—	○	—	—
Choice of standing or sitting	—	—	●	—
Low step-in	—	●	●	●
On-board data terminal mount	—	○	○	○
Shrinkwrap holder	—	●	—	—
Storage compartments	—	●	○	○
Writing table/surface	—	○	○	○
Maintenance features				
Easy access for maintenance	●	●	●	●
Fault diagnosis	—	●	●	●
Historic fault log	—	●	—	—
Battery status indicator	●	●	●	●
Battery discharge prevention system	—	●	●	●
Battery change system	○	○	○	○
Load carriers				
Choice of load carriers	—	○	○	○
Choice of load carrier options	—	○	○	○