

# TPT 25-80 Series electronic tow tractor with tiller and lifting hook

## Technical data in line with VDI 2198

as at: 11/2011

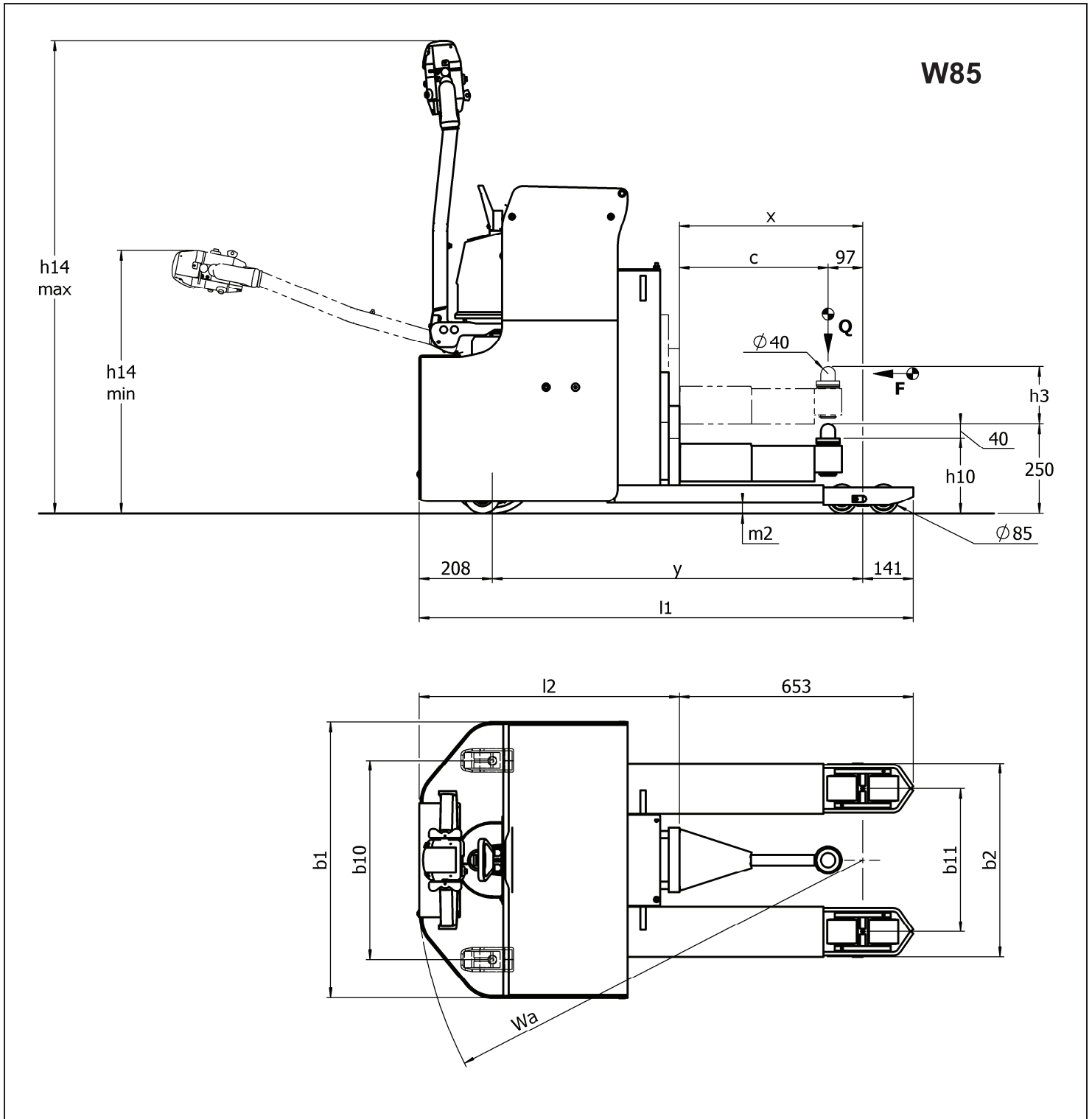
Identification	1.1	Manufacturer (abbreviation)	Icem	Icem	Icem	Icem	Icem	
	1.2	Manufacturer's type designation	<b>TPT 25 W85</b>	<b>TPT 25 W200</b>	<b>TPT 50 W85</b>	<b>TPT 50 W 200</b>	<b>TPT 80</b>	
	1.3	Drive	electric	electric	electric	electric	electric	
	1.4	Type of operation	pedestrian	pedestrian	pedestrian	pedestrian	pedestrian	
	1.5	Load capacity/rated load	Q (t)	1250	1250	2500	2500	5000
	1.6	Load centre distance	c (mm)	415	415	415	415	300
	1.7	Rated drawbar pull	F (N)	760	760	1200	1200	1850
	1.8	Load distance, centre of drive axle to fork	x (mm)	512	512	512	512	425
	1.9	Wheelbase	y (mm)	1034	1034	1101	1101	1136
Weights	2.1	Service weight incl. battery (see line 6.5)	kg	650	630	730	710	980
	2.2	Axle loading, laden front/rear	kg	597/1303	582/1298	750/2480	735/2475	1180/4800
	2.3	Axle loading, unladen front/rear	kg	480/170	465/165	530/200	515/195	630/350
Wheels, Chassis	3.1	Tyres	PU/rubber	PU/rubber	PU/rubber	PU/rubber	PU/rubber	PU/rubber
	3.2	Tyre size, front	mm	Ø 250	Ø 250	Ø 250	Ø 250	Ø 320
	3.3	Tyre size, rear	mm	Ø 85	Ø 200	Ø 85	Ø 200	Ø 150
	3.4	Additional wheels (dimensions)	mm	Ø 100	Ø 100	Ø 100	Ø 100	Ø 125
	3.5	Wheels, number front/rear (x = driven wheels)		1x/4	1x/4	1x/4	1x/4	1x/4
	3.6	Track width, front	b <sub>10</sub> (mm)	556	556	556	556	615
	3.7	Track width, rear	b <sub>11</sub> (mm)	400	280	400	280	550
Basic dimensions	4.4	Lift height	h <sub>3</sub> (mm)	160	160	160	160	130
	4.9	Height of tiller in drive position min./max.	h <sub>14</sub> (mm)	750/1320	750/1320	750/1320	750/1320	1060/1460
	4.12	Coupling height	h <sub>10</sub> (mm)	210	210	210	210	210
	4.19	Overall length	l <sub>1</sub> (mm)	1383	1364	1450	1431	1477
	4.20	Length to face of forks	l <sub>2</sub> (mm)	730	730	797	797	951
	4.21	Overall width	b <sub>1</sub> (mm)	770/540	770/460	770/540	770/460	840/840
	4.32	Ground clearance, centre of wheelbase	M <sub>2</sub> (mm)	30	45	30	45	45
4.35	Turning radius	Wa (mm)	1250	1250	1320	1320	1420	
Perform. data	5.1	Travel speed, laden/unladen	km/h	5.4/5.5	5.4/5.5	5.2/5.5	5.2/5.5	4.0/5.3
	5.2	Lift speed, laden/unladen	m/s	0.06/0.07	0.06/0.07	0.05/0.06	0.05/0.06	0.022/0.032
	5.3	Lowering speed, laden/unladen	m/s	0.09/0.06	0.09/0.06	0.10/0.05	0.10/0.05	0.052/0.030
	5.5	Drawbar pull, laden/unladen	N	760 <sup>(1)</sup>	760 <sup>(1)</sup>	1200 <sup>(1)</sup>	1200 <sup>(1)</sup>	1850 <sup>(1)</sup>
	5.8	Max. gradient performance, laden/unladen	%	8/15	8/15	5/15	5/15	2/15
	5.10	Service brake		electronic	electronic	electronic	electronic	electronic
Electric eng.	6.1	Drive motor rating S <sub>2</sub> 60min	kW	1	1	2	2	2
	6.2	Lift motor rating at S <sub>3</sub> 10%	kW	2.2	2.2	2.2	2.2	2.2
	6.4	Battery voltage, nominal capacity K <sub>5</sub>	V/Ah	24/240	24/240	24/320	24/320	24/375
	6.5	Battery weight	kg	210	210	280	280	290
	8.1	Type of drive control		AC	AC	AC	AC	AC
8.4	Sound level at driver's ear according to EN 12 053	dB (A)	70	70	70	70	70	

(1) Rated drawbar pull

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