



## Towing Truck Linde

### Towing Truck Electric Tow Tractor with Platform (1189 Series)

P30C Capacity 3000 kg

P50C Capacity 5000 kg



#### Features

##### Ultimate driving feeling

- The unique "U" shaped operator's compartment links console – platform – scoop seat
- It is fully suspended leading to an exceptional driving feel
- Adjustable seat, console and steering control
- Ergonomic, robust chassis with enclosed and protected load wheels
- Wide platform access
- Low stepping height

##### Console and Linde twin grip steering control

- Ergonomically designed console incorporates steering control, clipboard, emergency isolator CAN bus plug and Linde Digital Information Display (hourmeter, battery discharge indicator, warning and information display)
- Adjustable in height, the console provides controls and instrumentation all within easy reach
- All main control functions integrated into one handle for operation by both or either hand
- Optimum protection for both hands

##### Storage / Equipments

- Standard removable compartment /bin under scoop seat with front and top access (Locker as an option)
- Wide storage compartment to store gloves, documents...
- Storage compartment on the console to store pencils, adhesive tape...
- Wide compartments under the console for wrapping paper...

##### Tow Hook options

- Different hooks available: Single position, 3 positions and manually operated hook with pull cable operated without leaving the work station
- Optional inching control on both sides enables easy and safe operation (Forward/backward)

##### Power steering

- Proportional, self centring, power-assisted steering for effortless, precise operation
- Adjustable steering resistance and positive steering feedback ensures the truck is always on track
- Automatic speed reduction when cornering

##### AC Motor

- Powerful, smooth 3kW at 100% performance
- Moisture and dust-proof motor, maintenance-free
- No rollback on uphill starting
- Maximum speed of 10km/h, whether the truck is laden or unladen (8km/h for P50C)

##### CAN bus connectivity

- Intelligent electronic management of all components for rapid and easy diagnosis
- All performance parameters can be accurately adjusted by the service technician to suit each individual application

##### A battery for every need

- Vertical battery change as standard (3 and 4PzS)
- Wide range of batteries from 375 Ah (3PzS) to 620 Ah (5PzS)
- Battery locking system for side change option secures battery in compartment and eases battery changing

Characteristics	1.1	Manufacturer		LINDE		
	1.2	Manufacturer's type designation		P 30C	P50C	
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Battery	Battery	
	1.4	Operator type: hand, pedestrian, stand-on, seat-on, order-picker		Stand-on	Stand-On	
	1.5	Load capacity	Q (kg)	3000	5000	
	1.7	Rated drawbar pull	F (N)	1800	1800	
	1.9	Wheelbase	(±5 mm)	y (mm)	1049,5 <sup>2)</sup>	1049,5 <sup>2)</sup>
Weight	2.1	Dead weight	(±10%)	kg	940 <sup>1)</sup>	940 <sup>1)</sup>
	2.3	Axle loading, unladen front/ rear	(±10%)	kg	584 / 436 <sup>1)</sup>	584 / 436 <sup>1)</sup>
Wheels and tyres	3.1	Tyres: Solid rubber (R), Superelastic (S), Polyurethane (P)		R+R	R+R	
	3.2	Tyre size, front	Ø x 1 mm	Ø 254 x 102	Ø 254 x 102	
	3.3	Tyre size, rear	Ø x 1 mm	2x Ø 250 x 80	2x Ø 250 x 80	
	3.4	Auxiliary wheels size	Ø x 1 mm	2x Ø 100 x 40	2x Ø 100 x 40	
	3.5	Wheels, number front/ rear (x = driven)		1x+2/ 2	1x+2/ 2	
	3.6	Track width, front	(mm)	544	544	
	3.7	Track width, rear	(mm)	675	675	
Dimensions	4.8	Height of backrest, min/ max	h7 (mm)	710/ 910 <sup>4)</sup>	710/ 910 <sup>4)</sup>	
	4.9	Tiller height, travel position, min/ max	h14 (mm)	1020/ 1120	1020/ 1120	
	4.12	Tow coupling height: Single position, 3 positions	h10 (mm)	300, 290/ 345/ 400	300, 290/ 345/ 400	
	4.19	Overall length	(±5 mm)	l1 (mm)	1500 <sup>3)</sup>	1500 <sup>3)</sup>
	4.21	Overall width	(±5 mm)	b1/ b2 (mm)	790/ -	790/ -
	4.32	Ground clearance, centre wheelbase	(mm)	m2 (mm)	40	40
	4.35	Turning radius	(mm)	Wa (mm)	1230	1230
4.36	Minimum pivoting point distance		b13 (mm)			
Performance	5.1	Travel speed, with/ without load	(±5 %)	km/ h	10/ 10	8/ 8
	5.5	Drawbar pull with/ without load (60 minutes rating)	N	1800	1800	
	5.6	Maximum drawbar pull with/ without load (5 minutes rating)	N	4000	4000	
	5.7	Climbing ability with/ without load (30 minutes rating)	%	5/ 24	< 3/ 24	
	5.8	Maximum climbing ability with/ without load (5 minutes rating)	%	8/ 24	5/ 24	
	5.9	Acceleration, with/ without load	(sur 10 m)	s	6.74/ 4.58	6.55/ 4.58
	5.10	Service brake		Electromagnetic	Electromagnetic	
Drive	6.1	Drive motor rating S2 60 min	kW	3	3	
	6.3	Battery according to IEC		Spécial case <sup>5)</sup>	Spécial case <sup>5)</sup>	
	6.4	Battery voltage/ rated capacity (5 h)	V/ Ah	24/ 375	24/ 375	
	6.5	Battery weight	(±10%)	kg	295 <sup>1)</sup>	295 <sup>1)</sup>
	6.6	Power consumption according to Linde cycle	kW	2.348/ 3.407	2.348/ 3.407	
	8.1	Drive control		LAC	LAC	
Other	8.4	Sound level at the driver's ear according to DIN 12053	dB (A)	<70	<70	
	8.5	Tow coupling, design/ type, DIN Standard		—	—	

<sup>1)</sup> With battery item 6.5

<sup>2)</sup> with battery compartment 3 PzS side removal (+100 mm for 3 PzS vertical and 4 PzS side removal; +150 mm for 4 PzS vertical removal; +225 mm for 5 PzS vertical removal)

<sup>3)</sup> +10mm with hook

<sup>4)</sup> 100mm clearance (through a height adjustment handle) + 100mm (through a fixed adjustment behind the seat)

<sup>5)</sup> Special case for side battery change - DIN 43535 B for all vertical battery change

