

# **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 steeping height

## Console and Linde twin grip steering

- Console and Linde twin grip steering control

  Figonomically designed console incorporates steering control, clipboard, emergency isolator CAN bus plug and Linde Delpital information Display (hourmeter, battery discharge indicator, warning and information display)

  A dijustable in height, the console provide 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

- Tow Hook options

  Different hooks available: Single position, 3 positions and manually operated hook with pull cable operated without leaving the work station or 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

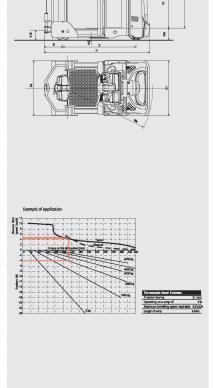
- A battery for every need

  Vertical battery change as standard
  (3 and 4P2S)

  Wide range of batteries from 375 Ah
  (3P2S) to 620 Ah (5P2S)

  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			P30C	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	r		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)	1049,52	1049,5°
Weight	2.1	Dead weight	(±10%)	kg	940 <sup>1)</sup>	940"
	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		Øx 1mm	Ø 254 x 102	Ø 254 x 102
	3.3	Tyre size, rear		Øx 1mm	2x Ø 250 x 80	2x Ø 250 x 80
	3.4	Auxiliary wheels size		Øx 1mm	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 4	710/910 4
	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	(±5mm)	l1 (mm)	15003	15003
	4.21	Overall width	(±5mm)	b1/b2 (mm)	790/-	790/-
	4.32	Ground clearance, centre wheelbase	(mini)	m2 (mm)	40	40
	4.35	Turning radius	(mini)	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>s)</sup>	Spécial case
	6.4	Battery voltage/ rated capacity (5h)		V/ Ah	24/375	24/375
	6.5	Battery weight	(±10%)	kg	295 <sup>1)</sup>	295°
	6.6	Power consumption according to Linde cycle		kW	2.348/3.407	2.348/3.407
Other	8.1	Drive control			LAC	LAC
	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			н	_



tment 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

<sup>2)</sup> with battery comparts PzS vertical removal) 3) +10mm with hook

 <sup>10</sup>mm Williams
 10mm (earance (through a height adjustment handle) + 100mm (through a fixed adjustment behind the seat)
 5) Special case for side battery change - DIN 43535 B for all vertical battery change