

## Standard and Optional Equipment

### Standard Equipment

- Multi-display with hourmeter, battery remaining
- Battery 24V/230Ah
- Max. driving speed 6km/h
- Polyurethane drive wheel
- Tandem load wheels
- Foldable sideguard
- Fork length: 1150mm
- Width across the forks: 560mm
- Key switch
- Speed reduces when turning
- 24V30P external charger
- Vertical battery change
- Horn

### Optional Equipment

- 270Ah/345Ah multi capacity battery and lithium ion battery
- Foot protection
- Max driving speed 10km/h
- Lateral battery change
- Width across forks: 680mm
- 24V/40P, 24V/45P external charger; 24V/30P built-in charger

## Other Options Available on Request



## Electric Pallet Truck

CAPACITY 2000kg

T20AP-20 1158-20

### Safety

Robust chassis with foldable platform and sideguard provide all-around secure protection. Powerful braking systems ensure higher safety level. All wheels are placed inside the truck chassis to protect driver and pedestrian feet

### Performance

Pallet truck work with electrical power steering, easier to operate. The 1.7kW AC motor guarantees reaction on start-up and a high top speed, almost identical whether unloaded or loaded. Equipped with ZF drive to achieve better precision. Also with futures of compact structure, strong gear and better acceleration

### Comfort

All controls on the ergonomic tiller can be easily operated by both

hands. Easy handle and damping platform reduce a long time driving fatigue. Precision working at the highest level of performance calls for a high level of operator comfort

### Reliability

Proved with strict tests and equipped with tandem load wheels, the truck can handle different work conditions. The electrical control system makes truck control accurate and reliable.

### Service

Maintenance-free AC motor. Practical internal space layout, adequate maintenance space, and easy access to truck maintenance. CAN technology ensures the diagnostic troubleshooting accuracy

## Features



### Battery and charger

- Vertical battery change
- Wide range of batteries (low & high) from 230Ah to 375Ah
- Wide range of optional chargers, include external and built-in.

### Workstation

- LED display and key switch integrated in right side, easy to operate
- Wide and deep storage compartments in front for wrapping paper, work gloves, writing utensils, etc.
- The suspended platform with the safety switch absorbs vibration and soft mat on the platform help increase comfort

### Linde control handlebars

- Ergonomic design and position
- Optimum protection for both hands
- All main control functions integrated in the tiller head for operation by either hand or both

### CAN-bus System

- Strong ability to resist electromagnetic interference. The multi-sum control module is connected to the CAN-bus through the CAN controller to form the host local network. CAN-BUS system can simplify operation and maintenance
- All the performance parameters can be configured easily to match the requirements of the customer's applications

\*Subject to modification in the interests of progress, illustration and technical details not binding for actual constructions and may show the optional equipments.

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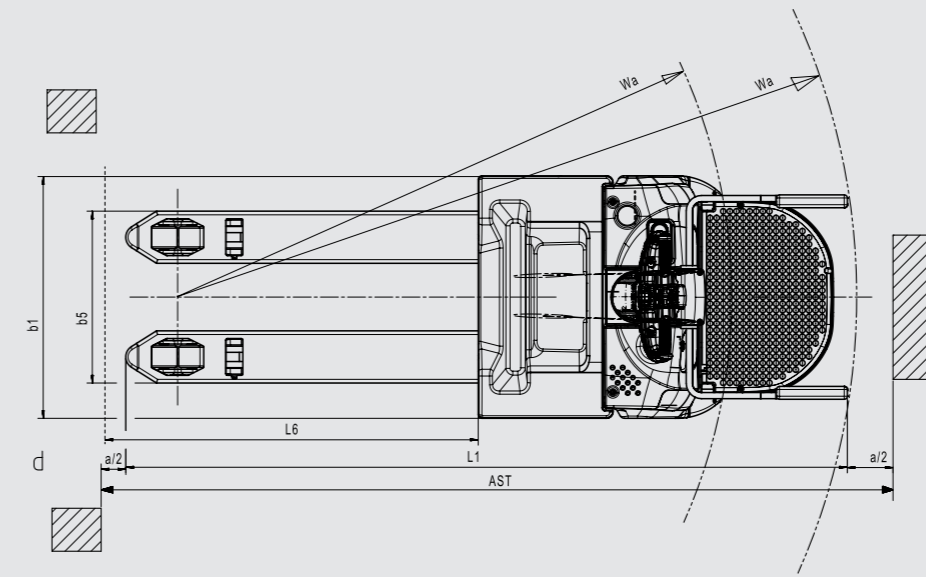
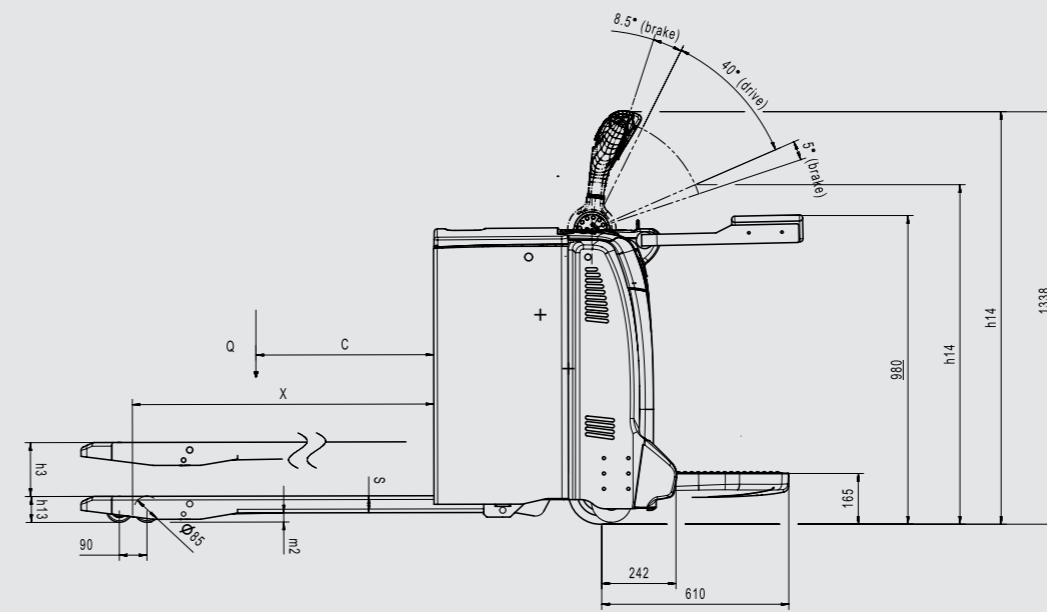
Linde Material Handling 林德物料搬运

Linde

# Technical Data

		T20AP-20 6km/h		T20AP-20 10km/h	
Characteristics	1.1	Manufacturer	Linde	Linde	
	1.2	Model designation	<b>T20AP-20 6km/h</b>	<b>T20AP-20 10km/h</b>	
	1.3	Power unit	Battery	Battery	
	1.4	Operation	Stand on	Stand on	
	1.5	Load capacity	Q (kg)	2000	2000
	1.6	Load centre	c (mm)	600	600
	1.8	Axle centre to fork face	x (mm)	925/980 <sup>1)2)</sup>	925/980 <sup>1)2)</sup>
	1.9	Wheelbase	y (mm)	1475/1530 <sup>1)2)</sup>	1475/1530 <sup>1)2)</sup>
	Weights	2.1	Service weight	kg	720 <sup>3)</sup>
2.2		Axle load with load, drive/load side	kg	1020/1730 <sup>3)</sup>	1020/1730 <sup>3)</sup>
2.3		Axle load without load drive/load side	kg	580/140 <sup>3)</sup>	580/140 <sup>3)</sup>
Wheels	3.1	Tyre, operator/load side	PU/PU <sup>4)</sup>	PU/PU <sup>4)</sup>	
	3.2	Tyre size, drive side	mm	Ø230x75	Ø230x75
	3.3	Tyre size, load side	mm	Ø85x70	Ø85x70
	3.4	Auxiliary wheel, size	mm	Ø130x55	Ø130x55
	3.5	Wheels number, drive/load side (x=driven)		1X+2/4	1X+2/4
	3.6	Track width, drive side	b10 (mm)	510 <sup>1)</sup>	510 <sup>1)</sup>
	3.7	Track width, load side	b11 (mm)	390/510 <sup>1)</sup>	390/510 <sup>1)</sup>
Dimensions	4.4	Lift	h3 (mm)	120 <sup>1)</sup>	120 <sup>1)</sup>
	4.9	Height of tiller arm in operation position min/max	h14 (mm)	1180/1135 <sup>5)</sup>	1180/1135 <sup>5)</sup>
	4.15	Fork height, lowered (max)	h13 (mm)	85 <sup>8)</sup>	85 <sup>8)</sup>
	4.19	Overall length, (platform folded/lowered)	l1 (mm)	2300 <sup>5)</sup>	2300 <sup>5)</sup>
	4.20	Length to fork face, (platform folded/lowered)	l2 (mm)	820 <sup>5)</sup>	820 <sup>5)</sup>
	4.21	Overall width	b1 (mm)	790 <sup>1)</sup>	790 <sup>1)</sup>
	4.22	Fork dimensions	s/e/l (mm)	55x170x1150	55x170x1150
	4.25	Fork spread, min./max.	b5 (mm)	560/680 <sup>1)</sup>	560/680 <sup>1)</sup>
	4.32	Ground clearance, center of wheelbase	m2 (mm)	30/150 <sup>2)</sup>	30/150 <sup>2)</sup>
	4.33	Aisle width, 1000x1200mm pallet crosswise	Ast (mm)	2691/2972 <sup>5)6)</sup>	2691/2972 <sup>5)6)</sup>
	4.34	Aisle width, 800x1200mm pallet lengthwise	Ast (mm)	2574/2855 <sup>5)6)</sup>	2574/2855 <sup>5)6)</sup>
4.35	Turning radius (platform lowed) min	Wa (mm)	1888/2168 <sup>2)</sup>	1888/2168 <sup>2)</sup>	
Performances	5.1	Travel speed, with/without load	km/h	6/6	8/10
	5.2	Lift speed, with/without load	m/s	0.034/0.034 <sup>7)</sup>	0.034/0.034 <sup>7)</sup>
	5.3	Lower speed, with/without load	m/s	0.046/0.044	0.046/0.044
	5.8	Maximum climbing ability, with/without load	%	6/16	5/16
	5.9	Acceleration time, with/without load	s	6.80/5.88	6.80/5.88
Drive	6.1	Drive motor output (60 min.rating)	Kw	1.7	1.7
	6.2	Lift motor output (10% rating)	Kw	2.2	2.2
	6.3	Battery according to DIN 435 31/35/36 A, B, C, no		DIN 43535B	DIN 43535B
	6.4	Battery voltage/rated capacity (5h)	V/Ah	24/230	24/270
	6.5	Battery weight (±5%)	kg	204.5	250
	6.6	Power consumption according to VDI cycle	kwh/h	0.43	0.5
Others	8.1	Type of Drive control		AC	AC
	8.4	Sound level at driver's ear	dB(A)	<75	<75

Figures for standard version may vary when optional equipment is fitted  
 1) (+/-5mm)  
 2) Forks upraised/lowed  
 3) (+/-5%)  
 4) Solid polyurethane +polyurethane  
 5) (+/-1%)  
 6) Platform folded/lowred  
 7) +/-10%  
 8) (+5mm) If the folk hole height of pallet lower than 95mm, standard truck is not recommended



$$Ast = Wa \pm \sqrt{(l6 - x)^2 + \left(\frac{b12}{2}\right)^2} + a$$

Safety distance a =200mm

