



Foldable Platform Pallet Truck

T20 AP EX | T25 AP EX

Capacity 2.0 – 2.5 t | Series 1153-26

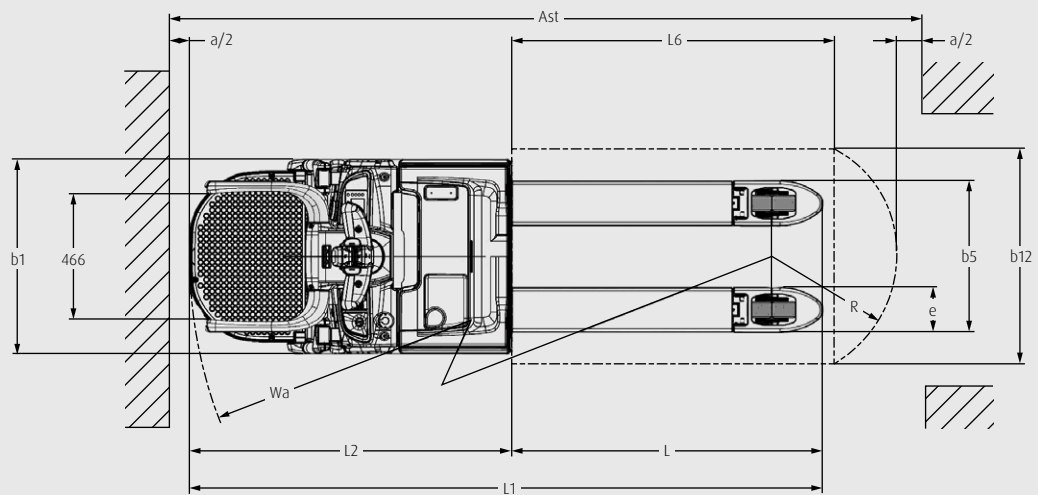
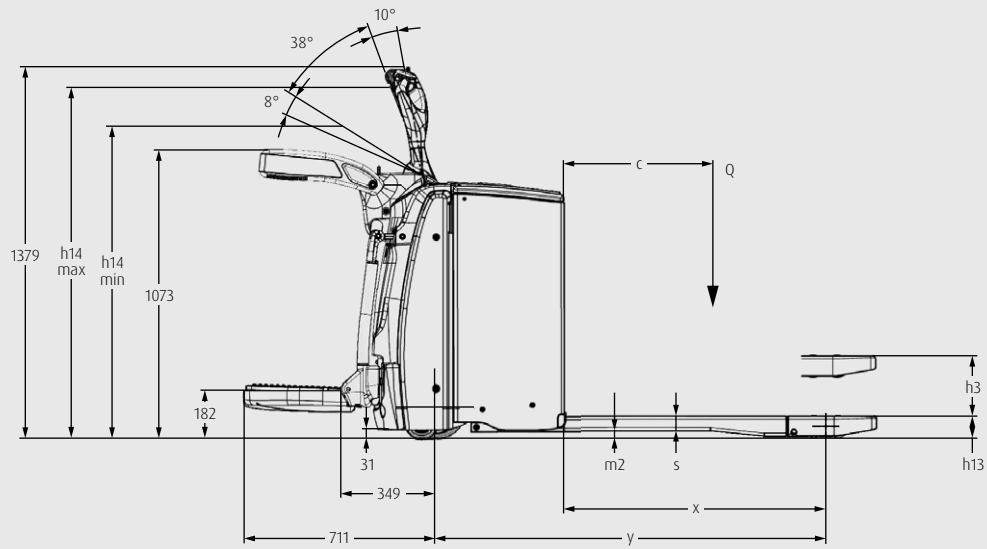
Ergonomic All-Rounder

- Foldable side guards perfectly protect the operator during the work shift
- Automatic speed reduction when cornering and automatic braking on releasing the traction control provide assured safety
- Powerful 2.3 kW AC drive unit offers speeds up to 10 km/h
- Fully suspended operator compartment reduces human vibration

TECHNICAL DATA (According to VDI 2198)

			LINDE	LINDE	LINDE	LINDE	
			T20 AP Ex 2G/2D	T25 AP Ex 2G/2D	T20 AP Ex 3G/3D	T25 AP Ex 3G/3D	
Characteristics	1.1	Manufacturer	LINDE	LINDE	LINDE	LINDE	
	1.2	Model	T20 AP Ex 2G/2D	T25 AP Ex 2G/2D	T20 AP Ex 3G/3D	T25 AP Ex 3G/3D	
	1.2a	Series	1153-26	1153-26	1153-26	1153-26	
	1.3	Power unit	Battery	Battery	Battery	Battery	
	1.4	Operation	Standing	Standing	Standing	Standing	
	1.5	Load capacity/Load	Q (t)	2.0	2.5	2.0	2.5
	1.6	Load centre distance	c (mm)	600	600	600	600
	1.8	Axle centre to fork face	x (mm)	895/965	895/965	895/965	895/965
	1.9	Wheelbase	y (mm)	1408/1478	1408/1478	1408/1478	1408/1478
Weights	2.1	Service weight	kg	930 ¹⁾	930 ¹⁾	875	875
	2.2	Axle load with load, front/rear	kg	1160/1770 ¹⁾	1265/2165 ¹⁾	1121/1754	1226/2149
	2.3	Axle load without load, front/rear	kg	750/180 ¹⁾	750/180 ¹⁾	710/165	710/165
Wheels/Tyres	3.1	Tyres rubber, SE, pneumatic, polyurethane		V + P/P	V + P/P	V + P/P	V + P/P
	3.2	Tyre size, front		Ø 230 × 90	Ø 230 × 90	Ø 230 × 90	Ø 230 × 90
	3.3	Tyre size, rear		Ø 85 × 85 (Ø 85 × 60)	Ø 85 × 85 (Ø 85 × 60)	Ø 85 × 85 (Ø 85 × 60)	Ø 85 × 85 (Ø 85 × 60)
	3.4	Auxiliary wheels (dimensions)		Ø 125 × 60	Ø 125 × 60	Ø 125 × 60	Ø 125 × 60
	3.5	Wheels, number front/rear (x = driven)		1x + 2/2 (1x + 2/4)	1x + 2/2 (1x + 2/4)	1x + 2/2 (1x + 2/4)	1x + 2/2 (1x + 2/4)
	3.6	Track width, front	b10 (mm)	502	502	502	502
	3.7	Track width, rear	b11 (mm)	380	380	380	380
Dimensions	4.4	Lift	h3 (mm)	125	125	125	125
	4.9	Height of tiller arm in operating position, min/max	h14 (mm)	1160/1300	1160/1300	1160/1300	1160/1300
	4.15	Height, lowered	h13 (mm)	89 ¹⁾	89 ¹⁾	89 ¹⁾	89 ¹⁾
	4.19	Overall length	l1 (mm)	1986/2348 ¹⁾	1986/2348 ¹⁾	1986/2348 ¹⁾	1986/2348 ¹⁾
	4.20	Length to fork face	l2 (mm)	833/1195	833/1195	833/1195	833/1195
	4.21	Overall width	b1/b2 (mm)	720	720	720	720
	4.22	Fork dimensions DIN ISO 2331	s/e/l (mm)	61 × 171 × 1153 ¹⁾	61 × 171 × 1153 ¹⁾	61 × 171 × 1153 ¹⁾	61 × 171 × 1153 ¹⁾
	4.25	Fork spread	b5 (mm)	526/546/566/686 ¹⁾	526/546/566/686 ¹⁾	526/546/566/686 ¹⁾	526/546/566/686 ¹⁾
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	27 ¹⁾	27 ¹⁾	27 ¹⁾	27 ¹⁾
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	2542/2896	2542/2896	2542/2896	2542/2896
	4.34.2	Aisle width with pallet 800 × 1200 along forks	Ast (mm)	2436/2759	2436/2759	2436/2759	2436/2759
4.35	Turning radius	Wa (mm)	1733/2095	1733/2095	1733/2095	1733/2095	
Performance	5.1	Travel speed, with/without load	km/h	10/10	10/10	10/10	10/10
	5.2	Lifting speed, with/without load	m/s	0.036/0.046	0.028/0.036	0.036/0.046	0.028/0.036
	5.3	Lowering speed, with/without load	m/s	0.09/0.089	0.066/0.072	0.09/0.089	0.066/0.072
	5.8	Maximum climbing ability, with/without load	%	12.0/20.0	10.0/20.0	12.0/20.0	10.0/20.0
	5.9	Acceleration time, with/without load	s	6.0/4.8	6.2/4.8	6.0/4.8	6.2/4.8
	5.10	Service brake		Electro-magnetic	Electro-magnetic	Electro-magnetic	Electro-magnetic
Drive	6.1	Drive motor rating S2 60 min	kW	2.3	2.3	2.3	2.3
	6.2	Lift motor rating at D3 15 %	kW	2.2 ¹⁾	2.2 ¹⁾	2.2 ¹⁾	2.2 ¹⁾
	6.3	Battery according to DIN 43531/35/36 A, B, C, no		3 PzS ¹⁾	3 PzS ¹⁾	3 PzS ¹⁾	3 PzS ¹⁾
	6.4	Battery voltage/rated capacity (5 h)	(V)/(Ah) o. kWh	24/345/375	24/345/375	24/345/375	24/345/375
	6.4.a	Battery energy content	kWh	7.2	7.2	7.2	7.2
	6.5	Battery weight (± 5 %)	kg	300 ¹⁾	300 ¹⁾	287	287
	6.6	Power consumption according to VDI cycle	kWh/h	0.45	0.45	0.45	0.45
	6.7	Turnover output according to VDI 2198	t/h	154.0	187.0	154.0	187.0
6.8	Turnover efficiency according to VDI 2198	t/kWh	96	111	96	111	
Others	8.1	Type of drive unit		LAC	LAC	LAC	LAC
	10.7	Sound pressure level LpAZ (at the driver's seat)	dB(A)	61	61	61	61

1) These values differ from the values of a standard vehicle due to the Ex-version





STANDARD AND OPTIONAL EQUIPMENT

Model/Equipment		T20 AP EX 2G/2D	T 25 AP EX 2G/2D	T20 AP EX 3G/3D	T 25 AP EX 3G/3D
Safety	ATEX protection package Zone 1/Zone 21	○	○	–	–
	ATEX protection package Zone 2/Zone 22	–	–	○	○
	Constant monitoring of ATEX relevant safety values and wear	●	●	●	●
	Foldable side guards protect the operator	●	●	●	●
	Linde BlueSpot™	○	○	○	○
Service	Log-in PIN code	–	–	●	●
	CAN-bus technology	●	●	●	●
	Linde Ex-Monitoring App for quick and efficient diagnosis of ATEX-relevant values	●	●	●	●
	Maintenance-free three-phase drive and steering motors for the EX area	●	●	●	●
Digitalisation	Central 24/7 provision of standard and ATEX spare parts	●	●	●	●
	Condition Monitoring of ATEX relevant safety values via Linde EX-Monitoring App	●	●	●	●
	Linde connect	○	○	○	○
	ac: access control PIN	–	–	○	○
	ac: access control RFID	○	○	○	○
Operation / Load Handling	dt: crash detection	○	○	○	○
	an: usage analysis	○	○	○	○
	720 mm chassis width smaller than a pallet	●	●	●	●
	Power assisted steering with variable steering resistance	●	●	●	●
Workplace	Automatic speed reduction when cornering	●	●	●	●
	Creep speed function ensures high maneuverability in confined areas	●	●	●	●
	Fully suspended operator compartment	●	●	●	●
	Ergonomic tiller for easy operation by either hand	●	●	●	●
	Multifunction instrument display of hour meter, battery discharge and maintenance indication	●	●	●	●
	Additional display for ATEX relevant condition monitoring	●	●	●	●
Forks	Front bow for lighting and safety accessories	○	○	○	○
	Clipboard A4	○	○	○	○
	Fork length 1003 mm – 2403 mm	●	●	●	●
Axles and Tyres	Fork arms coated in stainless steel	●	●	●	●
	Fork width 526 mm – 686 mm	●	●	●	●
	Drive wheel cushion antistatic EX	○	○	○	○
Drive and Brake-System	Drive wheel cushion with earthing stripes	–	–	○	○
	Drive wheel polyurethane antistatic EX	○	○	○	○
	Drive wheel polyurethane with earthing stripes	–	–	●	●
	Single load wheel polyurethane	●	●	●	●
	Single load wheel polyurethane greasable	○	○	○	○
	Tandem load wheel polyurethane	○	○	○	○
	Tandem load wheel polyurethane greasable	○	○	○	○
	Castor wheels with spring and cylinder for improved stability	●	●	●	●
	Hydraulic castor wheels	–	–	○	○
Drive and Brake-System	2.3 kW AC motor (maintenance free)	●	●	●	●
	Automatic electric braking on releasing the butterfly control or reversing direction	●	●	●	●
	Electromagnetic brake actuated by the dead man platform is proportional to the load weight	●	●	●	●
	Battery compartment vertical change 2 PzS, 3 PzS, 4 PzS. Battery compartment cover included for Z2/Z22	●	●	●	●
	Battery compartment lateral change 3 PzS, 4 PzS with door	○	○	○	○
	Battery compartment cover for Zone 1/21	○	○	–	–
	Battery connector mounted for batteries supplied by Linde	○	○	○	○
Charger plug ATEX loose or fitted	○	○	–	–	

● Standard equipment ○ Optional equipment – Not available

CHARACTERISTICS



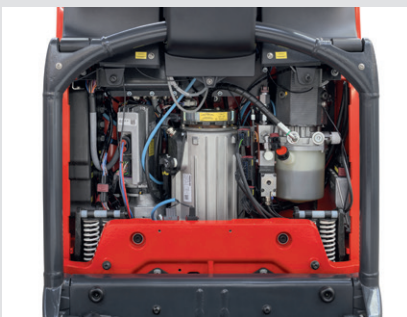
Pallet truck certified for application in ATEX zones 1/21



Foldable conductive platform provides an ergonomic solution for maximum productivity



Monitoring of ATEX relevant safety values



Quick diagnosis and easy service access

Explosion protection

- Certification and documentation according to ATEX 2014/34/EU and applicable EU norms ensures legal compliance
- Certification of entire trucks for Zone 1/21 and not just the individual electrical assemblies ensures maximum level of safety
- Passive protection concept enables zone 2/22 trucks to operate in explosive atmosphere, no shut-down required
- Protection of electrical equipment and protection against mechanically generated sparks, unacceptably high temperatures and dangerous electrostatic charges

Handling

- Steering effort adjusts automatically to speed and turning radius
- Proportional speed control in relation to the steering angle for comfortable and productive operation
- Creep speed button ensures high maneuverability in confined areas
- All controls are ergonomically integrated in the tiller head
- Multifunctional instrument display with an easy, ergonomic menu

Safety

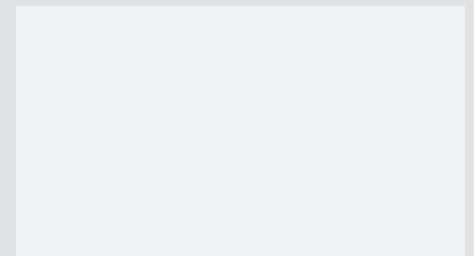
- Constant monitoring of ATEX relevant safety values and wear
- Truck access control by PIN code or RFID
- Entire conductive platform surface acts as an operator detection switch
- Automatic electric braking on releasing the butterfly control or reversing direction
- No roll-back when starting on a slope

Service

- Maintenance-free three-phase steering and drive motors for the EX area
- On-board diagnostics and CAN-bus interface
- Linde Ex-Monitoring App for quick and efficient diagnosis of ATEX-relevant values
- Rapid access to all truck data for performance parameter settings, trouble shooting, and preventative maintenance
- Central 24/7 provision of standard and ATEX spare parts
- Dense service network with certified technicians

Subject to modification in the interest of progress. Illustrations and technical details could include options and not binding for actual constructions. All dimensions subject to usual tolerances.

Presented by:



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