



PT20I800

Ergonomic safe and fast trans-stacker 2000 kg maximum load capacity

DESCRIPTION

The PT20I800 trans-stacker features an additional lift that makes it the ideal choice for handling and order picking. The operator can position the pallets at a comfortable working height to perform order picking and docking operations with ease. Lift/lower side buttons allow the operator to adjust pallet height without having to move around.

Its 8 mm thick mainframe protects the trans-stacker against possible damage from intensive use in tough environments.

Powerful AC Schabmüller motor provides maximum and smooth acceleration.

Compact but tough, PT20I800 offers one of the best load capacities on the market: 2 tons on pallet truck mode or 1 ton at ground level plus 1 ton on the second level when on double-decker stacker mode.

FEATURES

- Load backrest
- AC Schabmüller traction motor
- Ergonomic long handle easy to operate
- Turtle function for safe operations in tight spaces

**DOUBLE LIFT, HIGH-QUALITY
CORE COMPONENTS
FROM TOP BRANDS**

- Initial lift
- Easy to use
- Designed for different operations

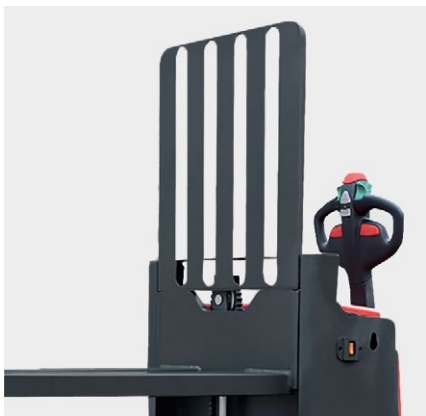
 Long handle	 Tight turning radius	 High-capacity battery	 Easy maintenance
 High performance	 Robust and reliable	 2000 kg load capacity	CAN-BUS Technology





Hydraulic system static design

The hydraulic system remains static during lift and lower operations ensuring stability and safety.



Additional mast

The additional mast with load backrest and a load capacity of 1000 kg goes up to 800 mm.

It is the best solution to position the pallets at a correct working height to prevent the operator from musculo-skeletal disorders when performing order picking operations.



Initial lift

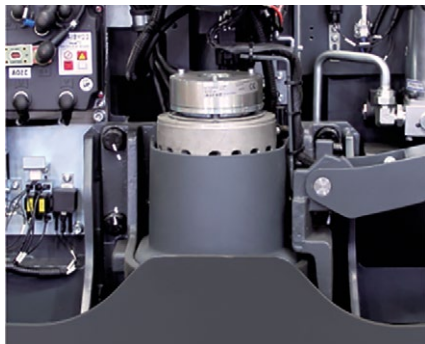
Thanks to the initial lift, efficiency increases twofold compared to a standard pedestrian-powered pallet truck or stacker.

Straddle legs provide high ground clearance for increased travel safety on walkways, ramps, and uneven floors. Visibility is increased due to its small overall height.



Robust and reliable design

PT20I trans-stacker has a robust chassis and 8mm thick mainframe. The heavy steel battery cover helps reduce maintenance costs and damages. Its intelligent design protects the brakes and traction motor. The dust and splash-proof (IP 54) Zapi electronic controller can tailor the trans-stacker performance to suit individual user needs.



Long handle for increased safety and less effort

Rema's long ergonomic handle improves comfort and efficiency. It also guarantees that the operator is at a safe distance from the trans-stacker during motion.

CAN-BUS

Proportional lift system

The electronically controlled proportional lift system ensures accurate fork positioning and stacking operations.

In addition, the proportional lift provides maximized performance when masts' heights are high.

HIGH-END COMPONENTS

REMA

Multifunctional Rema handle with ergonomic contactless rocker-switches
(German)

AC Schabmüller traction motor
(German)

SCHABMÜLLER

KORDEL

Kordel drive unit
(German)

Intorq brakes
(German)

INTORQ

Wicke

Wicke steering wheels
(German)

Zapi Electronic Controllers
(Italian)

ZAPI

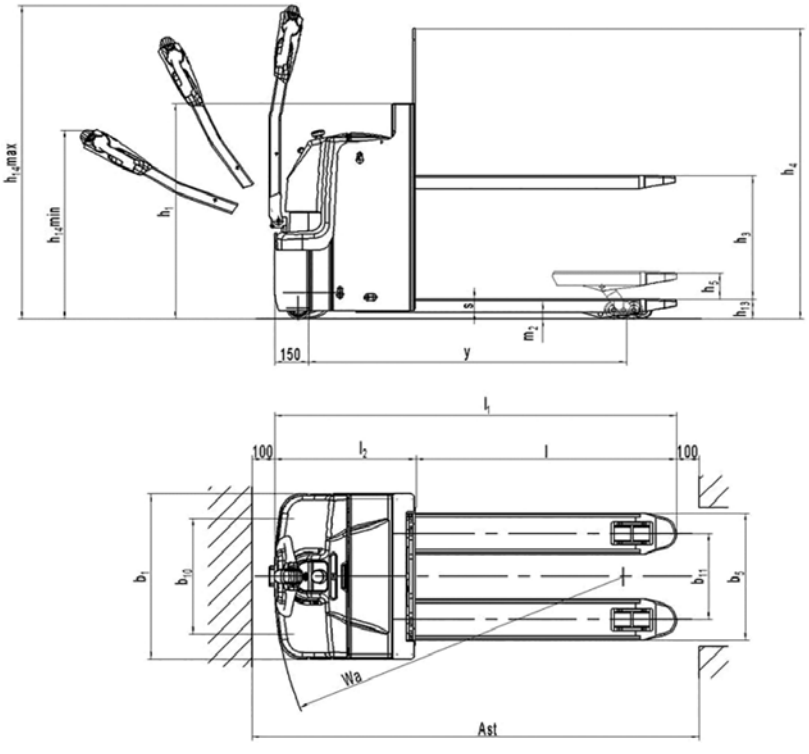
S.P.E. ELETTRONICA INDUSTRIALE

SPE ou ATIB Chargers
(Italian)

A.T.I.B. ELETTRONICA
Battery Chargers & Electronics

High-end components reduce maintenance costs and guarantee high performance and reliability when performing the most intense operations.

Photos and dimensions are not contractual. The manufacturer reserves the right to make any modification without notice, in order to improve the performance of the equipment.



Technical data according to VDI 2198 regulation				
Specifications	1.2	Product Reference ♦ Model		PT201800
	1.3	Power supply		battery
	1.4	Operator type		pedestrian
	1.5	Load capacity on stacker mode	Q(t)	1+1
		Fork load Capacity	Q(t)	1
		Straddle legs load capacity	Q(t)	2
	1.6	Load center distance	c(mm)	600
	1.8	Distance from carriage to caster axle	x(mm)	916
	1.9	Wheelbase	y(mm)	1386
Weight	2.1	Weight (batteries included)	kg	656
	2.2	Axle load laden front/rear	kg	765/1891
	2.3	Axle load unladen front/rear	kg	476/180
Wheels	3.1	Wheels		polyurethane (PU)
	3.2	Steering wheel dimensions	Øxw(mm)	Ø230x70
	3.3	Load rollers dimensions	Øxw(mm)	Ø80x70
	3.4	Stabilizing rollers dimensions	Øxw(mm)	Ø100x40
	3.5	Number of front/rear wheels (x=driving wheel)		1x+2/4
	3.6	Front axle wheelbase	b10(mm)	510
	3.7	Load roller wheelbase	b11(mm)	380
Dimensions	4.2	Mast lowered height	h1(mm)	950
	4.4	Standard lift	h3(mm)	550
	4.5	Mast raised height with/without load backrest	h4(mm)	1717/950
	4.6	Initial lift	h5(mm)	120
	4.9	Tiller height in drive position min/max	h14(mm)	820/1335
	4.15	Fork lowered height	h13(mm)	88
	4.19	Overall length	l1(mm)	1770
	4.20	Front axle to fork face length	l2(mm)	620
	4.21	Overall width	b1(mm)	729
	4.22	Fork dimensions	s/e/l(mm)	60/180/1150
	4.25	Width across forks	b5(mm)	560
	4.32	Ground clearance	m2(mm)	28
	4.33	Aisle width for 1000x1200 mm pallets crossways	Ast(mm)	1970
	4.34	Aisle width for 800x1200 mm pallets lengthways	Ast(mm)	2020
4.35	Turning radius	Wa(mm)	1536	
Performances	5.1	Travel speed, laden/unladen	km/h	6/6
	5.2	Lift speed, laden/unladen	mm/s	100/150
	5.3	Lowering speed, laden/unladen	mm/s	70/90
	5.8	Gradeability laden/unladen	%	8/20
	5.10	Service brake		electromagnetic
Electrical system	6.1	Drive motor rating S2 60 min	kW	1,3
	6.2	Lift motor rating at S3 15 %	kW	1,2
	6.3	Battery acc. to DIN 43531 / 35 / 36 A, B, C, No		2VBS
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/160
	6.5	Battery weight	kg	150
	6.6	Energy consumption acc. to VDI cycle	kWh/h	1
Additional data	8.1	Type of drive control		AC - speed control
	8.4	Noise level at driver's ear acc. to EN12053	dB(A)	<69

RESIDUAL CAPACITY

SX ♦ Single

DX ♦ Duplex

TX ♦ Triplex

SL ♦ Straddle legs

FFL ♦ Full free lift

LI ♦ Initial lift

LP ♦ Proportional lift

DA ♦ Electrical power steering

SC ♦ Built-in weighing scale

CP ♦ Pin code

PT20I ♦ PP. 56 TO 59

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