

Electric Pallet truck(Rider Type)

20/25EPR



■ photo may include optional equipment.

Standard Configurations

20EPR

- Lifting Capacity : 2,000kg
- AC Drive Motor : 1.5kW
- Lift motor 1.2kW
- Curtis controller
- Drive wheel : 250x80mm
- Double Fork wheel : ϕ 82x98mm
- Hourmeter, battery discharge indicator (BDI) & lift cut off
- Overall Fork Width x Length : 550mm x 1,150mm
- Turtle mode switch
- Curtis Tiller with Convenient Control Buttons
- EPS(Electric Power Steering)
- With Platform
- Side Battery Removal

25EPR

- Lifting Capacity : 2,500kg
- AC Drive Motor : 1.5kW
- Lift motor 1.2kW
- Curtis controller
- Drive wheel : 250x80mm
- Double Fork wheel : ϕ 82x98mm
- Hourmeter, battery discharge indicator (BDI) & lift cut off
- Overall Fork Width x Length : 550mm x 1,150mm
- Turtle mode switch
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Advantages

SAFETY AND PRODUCTIVITY

- Advanced AC control system eliminates directional contactors, which makes the minimal maintenance requirements.
- Intelligentized regenerative brake system: increase overall truck performance.
- Side-way battery with roll-out system.
- Belly switch.
- Emergency switch.
- Turtle mode switch
- Proportional Travel speed control.

STRUCTURAL

- The motor structure is water-proof and dust-proof(IP 44)
- Spring-loaded castors improve lateral stability on uneven floors and enhance truck performance and service life.
- Welded type fork.

SERVICEABILITY

- CANbus technology reduces wiring complexity.
- All pivot points have grease fitting and serviceable bushing, to reduce component-wearing.

Tiller Head

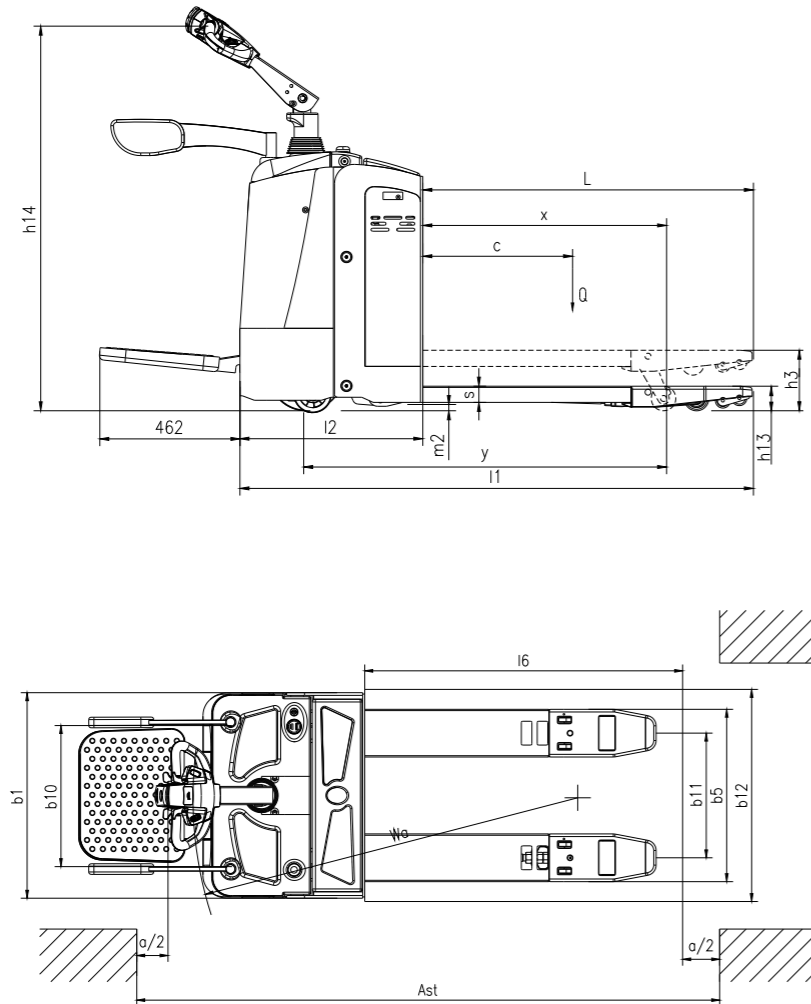


Curtis Tiller with convenient control buttons (standard)



Germany Frei Tiller (option)

Dimension



Option

- 7km/h of Drive Speed (1.2kW Drive motor)
- Single Fork Wheel : $\phi 82 \times 126\text{mm}$
- Battery (24V/210Ah - 20EPR)
- Battery (24V/240Ah - 20EPR, 25EPR)
- Battery (24V/400Ah - 20EPR, 25EPR)
- Enlarged Battery Compartment for 400Ah Battery
- Integrated charger (24V/20A)
- Separate charger (24V/30A)
- Separate charger (24V/50A for 400Ah Battery)
- Cold storage Specifications -18°C
- Key pad ignition
- German Frei Tiller
- Load backrest 1,220mm
- Without EPS
- Battery trolley
- Fork length(mm)
800, 900, 1000, 1220(25EPR ONLY), 1600, 1800, 2400
(1800, 2400 : rated load capacity 1.5t)
- Overall Fork width \times length : 550mm \times 1150mm

Specifications (according to VDI 2198)

Characteristics					
1.1	Manufacturer(abbreviation)		Hyundai	Hyundai	
1.2	Model		20EPR	25EPR	
1.3	Drive type		Electric	Electric	
1.4	Operator type		standing	standing	
1.5	Load capacity/rated load	Q	kg	2000	2500
1.6	Load center distance	c	mm	600	600
1.8	Load distance	x	mm	865	865
1.9	Wheelbase	y	mm	1261	1261
Weight					
2.1	Service weight(with battery)		kg	710	750
2.2	Axle load, front/rear, laden		kg	1300/1410	1300/1410
2.3	Axle load, front/rear, unladen		kg	600/110	600/110
Wheels/Chassis					
3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane			polyurethane	polyurethane
3.2	Tyre size, front			$\phi 250 \times 80$	$\phi 250 \times 80$
3.3	Tyre size, rear			$\phi 82 \times 98$	$\phi 82 \times 98$
3.4	Additional wheels(dimensions)			$\phi 127 \times 57$	$\phi 127 \times 57$
3.5	Wheels number, front/rear (x = driven wheels)			1X+2/4	1X+2/4
3.6	Tread, front	b10	mm	490	490
3.7	Tread, rear	b11	mm	370	370
Dimension					
4.4	Lift height	h3	mm	120	120
4.9	Min. /Max. height of operation handle, in driving position	h14	mm	1150/1430	1150/1430
4.15	Height, lowered	h13	mm	82	82
4.19	Overall length	l1	mm	1760	1760
4.20	Length to fork face	l2	mm	723	723
4.21	Overall width of truck body	b1	mm	733	733
4.22	Fork dimension	s/e/l	mm	1150	1150
4.25	Overall width of fork	b5	mm	550	550
4.32	Wheelbase ground distance	m2	mm	30	30
4.33	Aisle width, with pallet 1000x1200 crosswise	Ast	mm	2135/2185/2255	2135/2185/2255
4.34	Aisle width, with pallet 800x1200 lengthwise	Ast	mm	2235/2235/2255	2235/2235/2255
4.35	Turning radius	Wa	mm	1700/1750/1820	1700/1750/1820
Performance Data					
5.1	Traveling speed, laden/unladen		km/h	6.1/9.0	6.1/9.0
5.2	Lifting speed, laden/unladen		m/s	0.03/0.032	0.03/0.032
5.3	Lowering speed, laden/unladen		m/s	0.032/0.03	0.032/0.03
5.7	Gradeability, laden/unladen		%	4/8	3/8
5.8	Max. gradeability, laden/unladen		%	8/20	6/20
5.10	Traveling brake			electromagnetic brake	electromagnetic brake
Motor					
6.1	Driving motor power		kW	1.5	1.5
6.2	Lifting motor power		kW	1.5	1.5
6.4	Battery voltage/rated capacity		kg	24/210	24/240
6.5	Battery weight		kg	210	240