

OPERATION

Ergonomic Tiller

- Forward/Reverse
- Lift/Lower
- Horn
- Emergency Reverse Button
- Turtle Button

SERVICE AREA

Power Disconnect

BDI Indicator

- Hours
- Battery SOC

Kelly Traction Controller

Brushless DC Drive & DC Lift Motors

Two 12V Maintenance Free Batteries

Onboard Charger

Electronic Brake

DURABILITY

Drive Wheel

- Polyurethane (Rubber Optional)

Stabilizing Casters

- Polyurethane

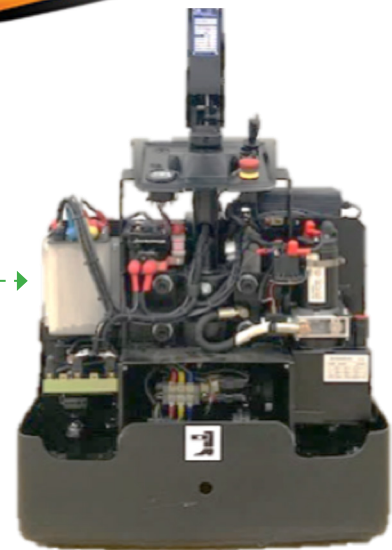
Load Wheels

- Polyurethane

Dual Pallet Entry Rollers

Pull Rods With Threaded Ends

- Pull design prevents bending
- Threaded ends provide easy adjustment



15EP	Tread	in (mm)	45.3/48.1 (1152/1222)	
WHEELS	Wheel material		Polyurethane	
			Rubber OPT for Drive	
	Wheel dimension, front	in (mm)	7.6 (195)	
	Wheel dimension, rear	in (mm)	3.1/2.9 (80/74)	
	Wheel number, front/rear (x = driving wheel)		1X-2/4	
DIMENSIONS	Min./Max. height of operation handle in the driving position	in (mm)	37.4/51.5 (950/1310)	
	Overall length	in (mm)	59.3/62.1 (1508/1578)	
	Length to fork face	in (mm)	14 (358)	
	Overall width of truck body	in (mm)	26.9 (685)	
	Fork dimension: Thickness x Width x Length	in		2x6.2x45.2/48
		mm		53x160x1150/1220
	Fork width	in (mm)	520/550/685	
	Wheelbase ground distance	in (mm)	1.3/0.8 (32/22)	
	The lowest height of fork	in (mm)	3.3/2.9 (85/75)	
	Lift height	in (mm)	7.8/7.4 (200/190)	
	Right angle stack 1000x1200 crosswise	in (mm)	67.2/70 (1708/1778)	
	Right angle stack 800x1200 lengthwise	in (mm)	69.2/70 (1758/1778)	
Turning radius	in (mm)	51.9/54.6 (1320/1389)		
PERFORMANCE DATA	Traveling speed, laden/unladen	mph (kph)	3.2/3.6 (5.3/5.8)	
	Lifting speed, laden/unladen	in/s (mm/s)	1.3/1.7 (35/45)	
	Descending speed, laden/unladen	in/s (mm/s)	3.1/1.4 (80/37)	
	Max. gradeability, laden/unladen	%	5/15	
MOTOR	Driving motor power	kW	0.9	
	Lifting motor power	kW	0.8	
BATTERY	Battery voltage/rated capacity	V/Ah	24/80	
	Battery dimension (LxWxH)	in	8.1x6.6x8.4	
		mm	206x169x215	
	Battery weight	lb (kg)	108 (49)	
WEIGHT	Service weight (with battery)	lb (kg)	529 (240)	
DECIBEL	Traveling brake		Electric	
	Noise level at operator's ear, according to DIN12053	dB(A)	70	

OPERATION

Ergonomic Tiller

- Forward/Reverse
- Lift/Lower
- Horn
- Emergency Reverse Button
- Turtle Button



SERVICE AREA

Power Disconnect

BDI Indicator

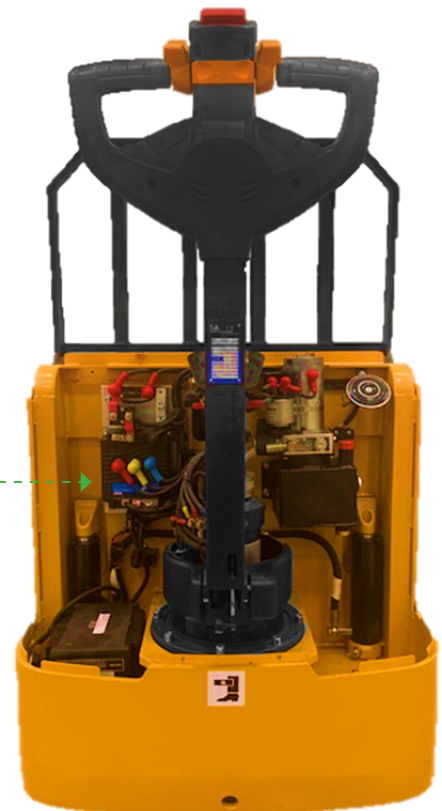
- Hours
- Battery SOC

1230 CURTIS Traction Controller

- AC Drive Motor
- DC Lift Motor

Electronic Brake

Onboard Charger



DURABILITY

Drive Wheel

- Polyurethane (Rubber Optional)

Stabilizing Casters

- Polyurethane

Load Wheels

- Polyurethane

Dual Pallet Entry Rollers

- Steel

Pull Rods With Threaded Ends

- Pull design prevents bending
- Threaded ends provide easy adjustment



Hyundai Model 20EP – 4,500 lb

20EP	Load capacity	lb (kg)	4500 (2045)	
	Tread	in (mm)	47.6/49.6/52.4 (1211/1261/1331)	
WHEELS	Wheel material		Polyurethane Rubber OPT for Drive	
	Wheel dimension, front	in (mm)	9.8x2.7 (250x70)	
	Wheel dimension, rear	in (mm)	3.2x4.9 (82x126)	
	Additional wheel (dimension)	in (mm)	5x2.2 (127x57)	
	Wheel number, front/rear (x = driving wheel)		1X+2/2	
DIMENSION	Lift height	in (mm)	4.7 (120)	
	Min./Max. height of operation handle in the driving position	in (mm)	30.7/48.4 (780/1230)	
	Height, lowered	in (mm)	3.2 (82)	
	Overall length	in (mm)	65.1/67.1/69.8 (1655/1705/1775)	
	Length to fork face	in (mm)	21.8 (555)	
	Overall width of truck body	in (mm)	30.5 (775)	
	Fork dimension: Thickness x Width x Length	in (mm)	2.1x7x43.3(45.2/48) 54x180x1100(1150/1220)	
	Fork width	in (mm)	20.4/21.6/25.5/26.9 (520/550/650/685)	
	Wheelbase ground distance	in (mm)	1.1 (28)	
	Right angle stack 1000x1200 crosswise	in mm	79.3/81.2/84 2015/2065/2135	
	Right angle stack 800x1200 lengthwise	in mm	83.2/83.2/84 2115/2115/2135	
	Turning radius	in mm	55.1/57/59.8 1400/1450/1520	
	PERFORMANCE DATA	Traveling speed, laden/unladen	mph (kph)	3.4/3.4 (5.5/5.6)
		Lifting speed, laden/unladen	in/s (mm/s)	1.5/2.2 (39/56)
		Descending speed, laden/ unladen	in/s (mm/s)	2.5/1.9 (64/50)
Gradeability, laden/unladen		%	6/12	
Max. gradeability, laden/unladen		%	8/20	
Traveling brake			Electric	
MOTOR	Driving motor power	kW	1.2	
	Lifting motor power	kW	1.2	
BATTERY	Battery voltage/rated capacity	V/Ah	24/165 (210)	
	Battery weight	lb (kg)	375 (170)	
	Battery dimension (LxWxH)	in (mm)	29.5x6.6x21 (750x170x534)	
WEIGHT	Service weight (with battery)	lb (kg)	1367 (620)	
DECIBEL	Noise level at operator's ear, according to DIN12053	dB(A)	70	