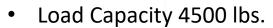


STAND-UP RIDER REACH TRUCK EK18RR SERIES



- Lift Height 196-275 in. 3 Stage
- Side Shifting Forks
- 48V/420Ah Industrial Battery
- Free Lift 53-79"
- Hydraulic Power Steering
- Length 102"
- Curtis Controller
- Tilt 3/6 degree
- Mast Height 96-123"
- Overhead Guard 78.93"
- Battery & Charger
- 3 Year Limited Warranty





EK18RR

Superior quality, maneuverable, compact, and durable for all your material handling applications. Ideal for small aisles and areas.

WEIGHT CAPACITY: 4000 lbs. @ 24" load center

LIFT HEIGHT: 196-275 3 Stage

SIDE SHIFTING FORKS: 45.3"

MAST HEIGHT: 96-123" TURNING RADIUS: 75"

FREE LIFT: 53-79"

TILT: 2/4 degree

INDUSTRIAL BATTERY / CHARGER: 48V 420Ah,

Industrial battery with external direct

connect 210A 210VAC plug-in automatic 48V/65A

charger (both Included)

BRAKING: Electromagnetic

SPEED TRAVEL: 5.9 mph empty; 5.59 mph loaded

LIFTING SPEED: 9.05" ips empty; 7.48" ips loaded

LOWERING SPEED: 11.81" ips empty; 9.05" ips loaded

FRONT WHEELS: Polyurethane

REAR WHEELS: Polyurethane

HYDRAULICS LIFTING MOTOR: 48V 11000 Watt lifting motor with hardened chrome moly steel for durability.

DRIVE MOTOR: 48V 6000-Watt ZF AC drive motor for efficiency and high torque.

AC CONTROLLER: 48V Curtis provides performance through entire range of speed; Constant travel speed

regardless of load; Battery discharge indicator combination gauge.

BRAKES: Drum Brakes with Electro-magnetic braking for secure stopping power

LIGHTING: LED Head lights, turn signals and brake lights.

OPERATOR CONTROLS: Tilt, lifting, lowering, side shifting forks, horn functions are located in the ergonomic

Operators Compartment; Led lighting.

CHASSIS AND MAST: Robotic Welding; Heavy duty steel chassis with I-beam mast for durability; Telescoping

mast.





Model		EK18RR	EK18RRL
Power unit		Electric	Electric
Operation Type		Stand	Stand
Loading capacity	Q (LBS)	4000	4000
Load center	c (Inch)	19.7	19.7
Axle centre to fork face	x (Inch)	14.65	14.76
Wheelbase	y (Inch)	63.62	63.7
Service weight with battery	LBS	9330	9000
Wheels type		PU	PU
Driving wheel size	Ф×w(Inch)	Ф13.5×5.2	Φ13.5×5.2
Bearing wheel size	Ф×w(Inch)	Ф4.9×3.2	Φ4.9×3.2
Wheels, number front/rear (x = driven)		1x,2/4	1x,2/4
Track width	b ₁₀ (Inch)	28.9	28.9
Track width	b ₁₁ (Inch)	49.6	49.6
Mast/fork carriage tilt, forward/backward	a/b (°)	2/4	2/4
Lowered mast height	h1 (Inch)	123.27	96.42
Free lift height	h2 (Inch)	79.92	53.15
Lift height	h3 (Inch)	275.59	196.85
Extended mast height	h4 (Inch)	318.9	240.94
Height of overhead guard (cabin)	h6 (Inch)	93.94	93.94
Lowered fork height	h ₁₃ (Inch)	1.97	1.97
Overall length	l ₁ (Inch)	102.28	102.28
Length to fork face	I2 (Inch)	60.16	60.16
Overall width	b ₁ / b ₂ (Inch)	54.72/44.1	54.72/44.1
Fork dimensions	s/e/l (Inch)	1.58/4.72/45	1.58/4.72/45
Width of forks	b5 (Inch)	35.04	35.04
Distance Between Suporrts arms/loading surfaces	b4 (Inch)	44.49	44.49
Reach distance	l4(Inch)	22.44	22.44
Min.Ground clearance	m ₂ (Inch)	1.81	1.81
Aisle width with pallet 1000 x 1200 across forks	Ast (Inch)	116.93	116.93
Aisle width with pallet 800 x 1200 along forks	Ast (Inch)	118.9	118.9
Min.Turning radius	Wa (Inch)	75	75
length across wheel arms	I7 (Inch)	81.65	81.65
Travel speed,laden/unladen	Mph	5.59/5.90	5.59/5.90
Lifting speed, with/without load	(in/s)	7.48/9.05	7.48/9.05
Lowering speed, with/without load	(in/s)	11.81/9.05	11.81/9.05
Reach speed,laden/unladen	(in/s)	3.93/4.33	3.93/4.33
Maximum climbing ability, with/without load	(%)	6/10	6/10
Electromagnetic + mechanical		Electromagnetic	Electromagnetic
Drive motor, 60-minute rating	Watts	6000	6000
Lift motor rating at S3 15%	Watts	11000	11000
Battery according to DIN 43531/35/36 A,B,C,no		no	no
Battery voltage/rated capacity	(V/Ah)	48/420	48/420
Battery weight (± 5%)	(LBS)	1585	1585
Type of drive control		AC	AC
Noise level at operator's ear	(dB(A))	≤75	≤75

