

**STAND-UP  
RIDER FORKLIFT  
EK18RFL SERIES**

- Load Capacity 4000 lbs.
- Lift Height 189 in. 3 Stage
- Side Shifting Forks
- 48V/420Ah Industrial Battery
- Free Lift 61"
- Hydraulic Power Steering
- Length 70"
- Curtis Controller
- German ZF AC Motor
- Tilt 3/6 degree
- Mast Height 78.5"
- Overhead Guard 89.5"
- Battery & Charger
- 3 Year Limited Warranty



## *EK18RFL Series*

**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:** 189"

**SIDE SHIFT FORKS:** 45.3"

**MAST HEIGHT:** 78.5"

**TURNING RADIUS:** 61"

**FREE LIFT:** 61"

**TILT:** 3/6 degree

**INDUSTRIAL BATTERY / CHARGER:** 48V 420Ah, Industrial battery with external direct connect 210A 210VAC plug-in automatic 48V/65A charger (both Included)

**BRAKING:** Drum brakes

**SPEED TRAVEL:** 9 mph empty ; 7.5 mph loaded

**LIFTING SPEED:** 16 ips empty; 9.9 ips loaded

**LOWERING SPEED:** 10.2 ips empty; 9.5 ips loaded

**FRONT WHEELS:** Solid Cushion

**REAR DRIVE WHEELS:** Polyurethane

**HYDRAULICS LIFTING MOTOR:** 48V 7700 Watt lifting motor with hardened chrome moly steel for durability.

**DRIVE MOTOR:** 48V 7500-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 sit down; Led lighting.

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



# Rider Forklift

# EKKO®

Model		EK18RFL
Lift		Electric
Drive		Electric
Load capacity	(lb)	4000
Load center distance	(in)	24
Wheelbase	(in)	
Lifting height	(in)	189
Free lifting height	(in)	61
Lowered mast height	(in)	78.5
Mast/Fork carriage tilt forward/backward	( ° )	2/5
Side Shifting Forks		3-way valve
Overall length	(in)	70
Overall width	(in)	42.25
Fork size, Thick/Width/Length	(in)	45
Fork adjust width	(in)	35
Turning radius	(in)	61
Max.gradient performance, laden/unladen	(%)	12/15
Lift speed, laden/unladen	(in/s)	7.5/9
Lowering speed, laden/unladen	(in/s)	9.5/10.2
Charger	(V/A)	48V/65A
Driving Motor	(V/W)	ZF AC 48/7500
Lifting Motor	(V/W)	48/7000
Battery voltage	(V/Ah)	48V/420Ah (Side)
Service Weight	(lb)	8000



MODEL #	LOWERED MAST	LIFT HEIGHT	FREE LIFT	MAX MAST HEIGHT	TOTAL LENGTH	SERVICE WEIGHT
EK18RFL	78.5	189"	61"	196	70	8000lbs