

BM-EPJ-44S-21



SMART POWERFUL DURABLE

Built to Work 24 Hrs



Lithium Battery



Intelligent charger

6S TO REPLACE BATTERY

2 HR TO FULLY CHARGE THE BATTERY

FEATURES

- Maintenance free 750W/1000W power Brushless motor
- Powered traveling, lifting, & lowering
- Comfortable Operation
- Fast and Slow Speed
- Up-right Drive Mode
- Engineering Mode - If the unit breaks down, it can be moved away manually
- PIN access control
- Slope anti-sliding design
- Quick charging Lithium-Ion battery

SPECIFICATIONS

- Capacity: 4400 lbs.
- Weight: 246 lbs.
- Lift Height: 4.5"
- Height of Tiller in the Drive Position: 49" max.
- Height Lowered: 2.9"
- Fork Length: 45.3"
- Fork Width: 6.3"
- Overall Length: 63.8"
- Overall Width: 21.6"
- Travel Speed: 2.5/3.1 mph
- Max Gradeability: 6% Laden and 20% Unladen
- Battery Voltage: 48V/15Ah Lithium

**MAINTENANCE FREE
POWERFUL WITH
HIGH GRADEABILITY**

Powered traveling

**750W/1000W power
Brushless motor
Maintenance free**

Powered lifting & lowering



Error Code Display
Quickly identify the fault
during operation.

Easy parts replacement

The unique design makes disassembly and assembly simple, reducing machine downtime and operating costs.

- 1 minute
Replace the drive wheel
- 1 minute
Replace the handle
- 2 minutes
Remove the controller
- 3 minutes
Remove the motor

Optimize
your operations
SAVE LABOUR
Brake any time anywhere

Release manpower

COMFORTABLE OPERATION

LEADING TECHNOLOGY

FAST AND SLOW SPEED

UP-RIGHT DRIVE MODE

Operator Preferred

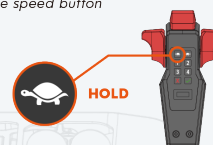
Turtle Speed — 01

Press the turtle speed button



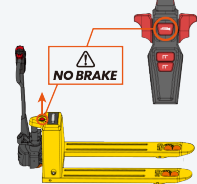
Up-Right Drive — 02

Keep holding the
turtle speed button



Engineering Mode — 03

(Brake Release)
Horn Remains Pressed & Power On



- ⚠ In up-right drive mode, vehicle will move when handle is operated at any position. Please avoid misoperation.
- ⚠ Brake release mode is only for emergencies, not allowed for vehicle with normal conditions.

Specifications

MODE				BM-EPJ-44S-21	
CHARACTERISTICS					
1.1	Drive			Electric	
1.2	Operator type			Pedestrian	
1.3	Load capacity/rated load	Q	lb	4400	
1.4	Load centre	C	in	23.6	
1.5	Height, fork lowered	h ₁₃	in	2.9 ± 0.08	
1.6	Wheelbase	y	in	47.1	
1.7	Wheel			PU	
1.8	Wheel size, front		in	5.5*2.1	
1.9	Wheel size, rear		in	2.7*3.7 (Single Wheel)	
			in	2.7*2.7(Tandem)	
1.10	Wheels, number front/rear (x = drive wheels)			1x+2/4	
1.11	Lift	h ₃	in	4.5	
1.12	Height of tiller in drive position, min./max.	h ₁₄	in	49.2-31.5	
1.13	Overall length	L ₁	in	61.1	
1.14	Fork Length	L	in	45.3	
1.15	Overall width	b ₁	in	21.6	
1.16	Fork dimensions		in	2.1*6.3*45.3/48	
1.17	Distance between fork-arms	b ₅	in	21.6	
1.18	Ground clearance, centre of wheelbase	m ₂	in	0.77	
1.19	Aisle width for pallets 1000x1200 crossways	A _{st}	in	67.6	
1.20	Aisle width for pallets 800x1200 lengthways	A _{st}	in	66.4	
1.21	Turning radius	W _a	in	53.3	
PERFORMANCE					
2.1	Travel speed, laden/unladen	mph		2.5/3.1	
2.2	Lifting speed, laden/unladen	ft/min		3.54/4.53	
2.3	Lowering speed, laden/unladen	ft/min		11/9	
2.4	Max. gradeability, laden/unladen	%		6%/20%	
2.5	Drive motor	kW		DC 1.0 Brushless	
2.6	Lift motor	kW		DC 0.8	
BATTERY					
3.1	Battery voltage/nominal capacity	V/Ah		48V/15Ah	
3.2	Traveling brake			Regenerate	
3.3	Brake			Electromagnetic	
3.4	Sound level at the driver's ear according to EN 12053	A		< 70dB	
3.5	Service weight including battery	lb		245.8	

