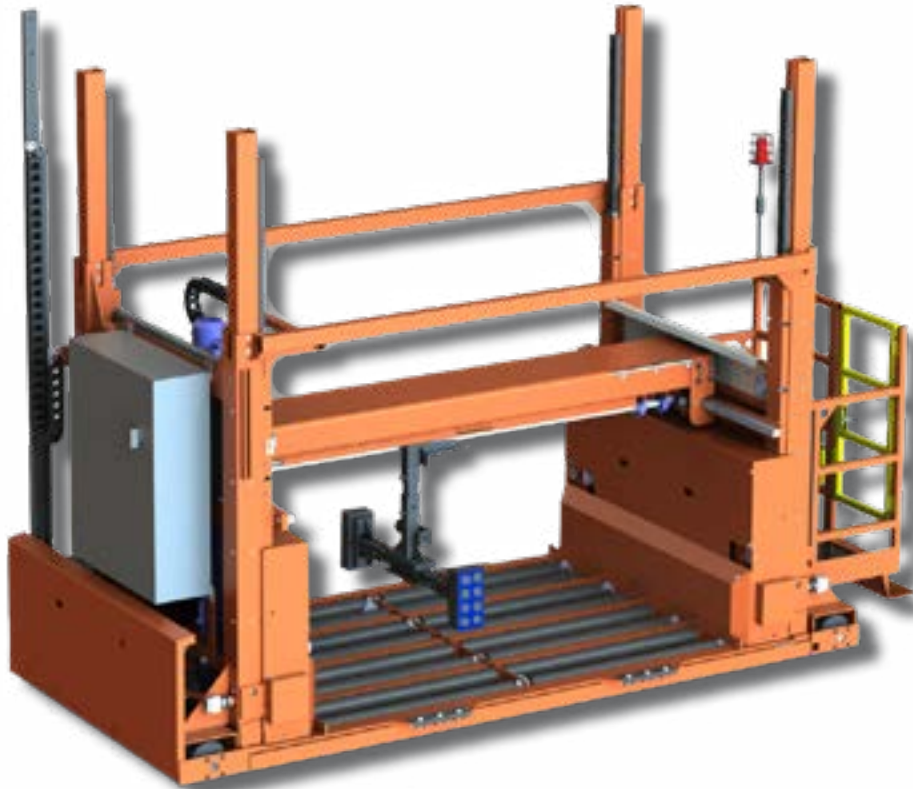


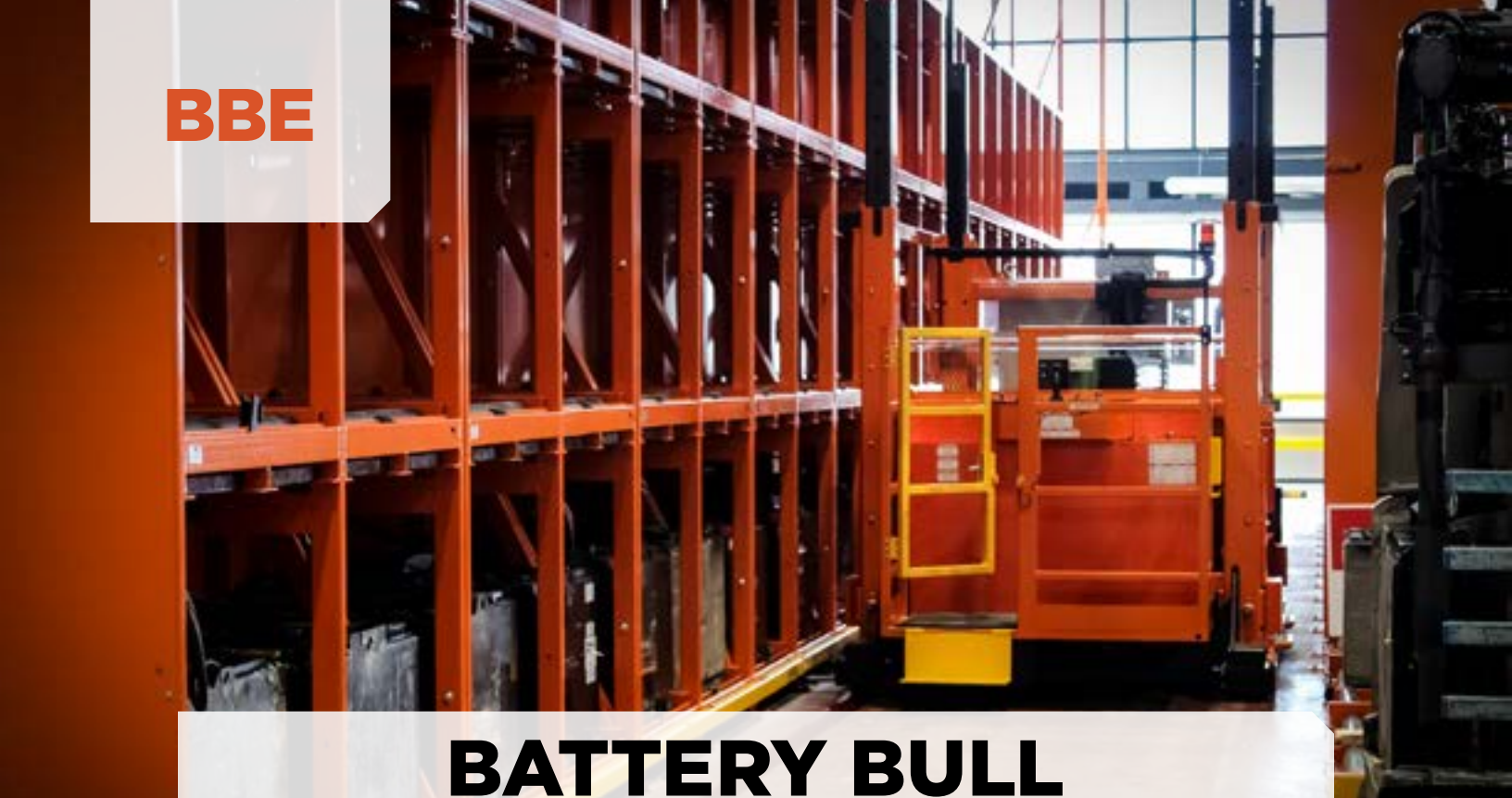


BBE

BATTERY BULL ELECTRIC

1-3 LEVEL, BATTERY MANAGEMENT



**BBE**

BATTERY BULL ELECTRIC

The Battery Bull Electric or BBE is built to support high-volume, high-density battery change requirements. This system is available with multi-level racking up to six levels to support operations with a large fleet and a small battery room. The first in the industry with no hydraulics, the BBE ensures maximum uptime and minimum maintenance.

Powerful, compact and energy efficient PLC controlled Variable Frequency Drives (VFD) combined with electric gearboxes provide power simultaneous to the lift and drive functions. The BBE is one of the few options in high-volume fully electric transfer carts.

POWERED ROLLERS

The built-in powered rollers require less magnet arm travel to allow faster removal and replacement of batteries into racks and lift trucks.

OPERATOR SAFETY

The safety proximity switch prevents vehicles from operating unless the compartment gate is closed and the E-stop/start button is engaged.

FULLY ELECTRIC

This system has no hydraulics ensuring no oil leaks, reducing service requirements by up to 30%.

DURABLE ROLLER BED

The solid steel core urethane coated roller bed ensures more traction on the battery during the transfer.

PRECISION VARIABLE FREQUENCY DRIVES

Each system has VFD's for raise/lower and travel functions. Making speed adjustments and programming easy for the operator.

WARRANTY

Every unit comes with a standard 1-year warranty for your protection and a 5-year warranty on the electromagnet.



KEY FEATURES + OPTIONS

- ✓ Multi-level racking available from 1-3 levels
- ✓ Integrated safety systems
- ✓ Emergency override
- ✓ Acid proof powder coating
- ✓ Ergonomic dash panel and control system
- ✓ Laser height alignment indicator
- ✓ Photo eye safety system
- ✓ Dual battery bays for smoother changes
- ✓ 95 durometer poly load wheels
- ✓ Integrated safety sensors & alarms
- ✓ Built-in rubber sliders, lead rollers & bumpers to protect batteries
- ✓ Cameras, monitors, and safety lights available
- ✓ Custom colours available

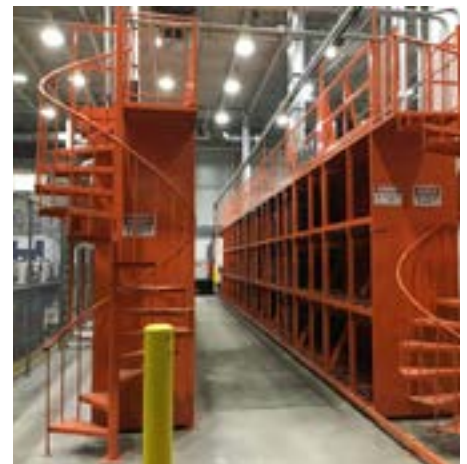


GENERAL SPECIFICATIONS 1-3 LEVEL

	STANDARD	METRIC
Unit capacity	10,000 lbs	4536 kgs
Power life & bridge type	Gear reduced electric	
Raise/Lower Horse Power	2 x5 HP	2 x3.75 KW
Drive System Horse power	3 HP	2.25 KW
Magnet size	6"/11.5"	152 x 292 mm
Magnet pole	8	
Magnet draw bar pull	1,800 lbs	817 kgs
Standard colours	Orange & Blue	
Lift speed	0-27 FPM	0-6.4 MPM
Travel Speed	0-220 FPM	0-67 MPM
Max Input voltage	415/480 /575 V	
Max Frequency	50 / 60 Hz	
Max current drawn	25/23/20 A	
Service weight	6,900 lbs	3130 kgs



Battery Chargers & PDP Panels



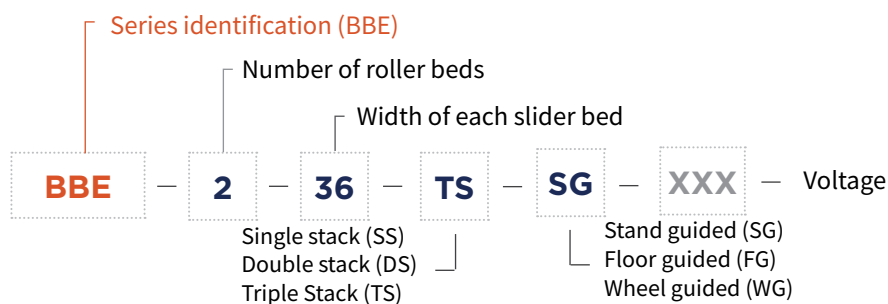
BBE System with Spiral Staircase



Wash Station & Wastewater Treatment add-on

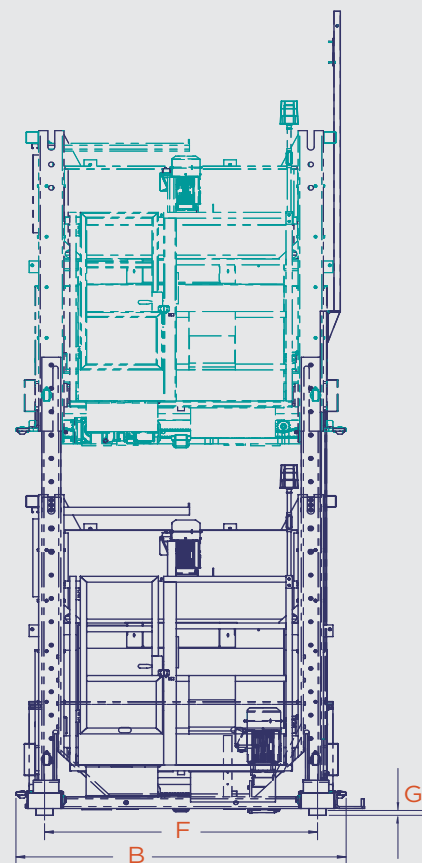
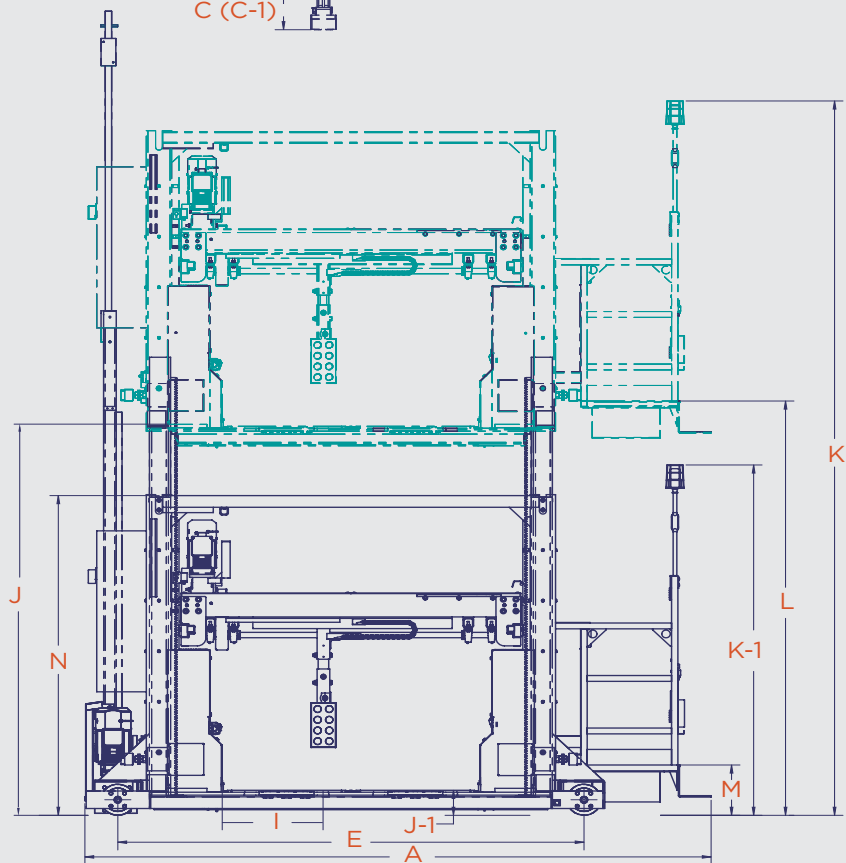
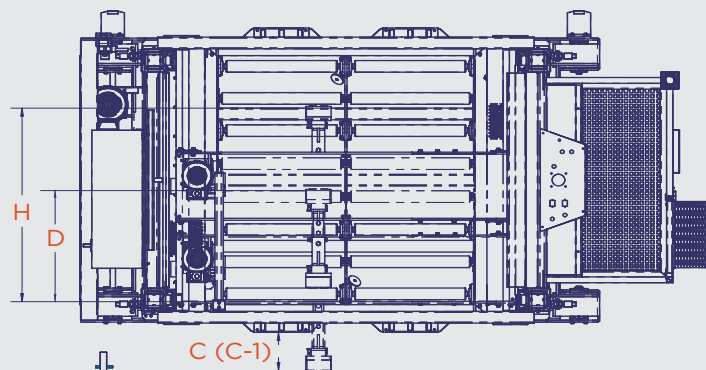
MODEL-PART NUMBER BREAKDOWN

Example: BBE-2-36-TS-SG-XXX



DIMENSIONAL DATA 1-3 LEVEL

BBE



DIMENSIONAL DATA**BBE-2-30****BBE-2-36****BBE-2-42****BBE-2-48**

A	Overall length	148.5"/3772 mm	160.5"/4077 mm	172.5"/4382 mm	184.5"/4686 mm
B	Overall width	78.25"/1981 mm			
C	Standard magnet arm reach	11.25"/286 mm			
C-1	Extended magnet arm reach	Customized to suit			
D	Bridge travel	52.5"/1334 mm			
E	Wheel base	110.5"/2807 mm	122.5"/3112 mm	134.5"/3416 mm	146.5"/3721 mm
F	Centreline of drive wheels	64.7"/1645 mm			
G	Ground clearance	0.5"/13 mm			
H	Battery compartment length	60"/1524 mm			
I	Battery compartment width	30"/762 mm	36"/914 mm	42"/1067 mm	48"/1219 mm
	Maximum battery length	60"/1524 mm			
	Maximum battery width	24"/610 mm	30"/762 mm	36"/914 mm	42"/1067 mm
	Minimum battery length	18"/457 mm			
	Minimum battery width	6"/152 mm			

LEVEL DIMENSIONAL DATA**SINGLE****DOUBLE****TRIPLE**

J	Carriage roller bed (raised)	30"/762 mm	54"/1372 mm	100"/2540 mm
J-1	Carriage roller bed (lowered)	6 7/16"/164 mm		
K	Overall height (raised)	112.5"/2857 mm	136.5"/3467 mm	182.5"/4635 mm
K-1	Overall height (lowered)	82.5"/2096 mm		
L	Operator platform height (raised)	36"/914 mm	60"/1524 mm	106"/2692 mm
M	Operator platform height (lowered)	12.5"/318 mm		
N	Shipping height	82 7/16"/2094 mm		
	Floor variance	0.25"/6 mm		



FABRICATING & AUTOMATION

Our specialized team of machinists create tools, parts, products, and attachments to solve everyday material handling dilemmas while our team of automation experts focus on robotic engineering, PLC and HMI programming and process automation geared towards your specific manufacturing needs. We deliver world-class expertise by innovating products that help you meet the demands of day-to-day operations.

Let's get started on your next project.



- ✓ Operational Up-time
- ✓ In-house Manufacturing
- ✓ Safety & Security

- ✓ Automated Battery Handling
- ✓ System Design
- ✓ And more!

info@carneyautomation.com

CARNEYAUTOMATION.COM



- ✓ Product Transfer Systems
- ✓ Below-The-Hook Devices
- ✓ Storage Systems

- ✓ Ergonomic Equipment
- ✓ Forklift & Picker Attachments
- ✓ And more!

info@carneyfabricating.com

CARNEYFABRICATING.COM



HAVE ADDITIONAL QUESTIONS? GET IN TOUCH

sales@carneybatteryhandling.com
www.carneybatteryhandling.com

Tel: 1.905.564.0303
Toll free: 1.866.THE.BULL

Due to continuous product improvements, specifications are subject to change without notice. Some systems and features shown may be optional at extra cost.

©2026 Carney Battery Handling Ltd.
BBE_specifications1-3_NA