



BATTERY BULL HYDRAULIC

Single & Double Models

The BBH Series Battery Bull has long been proven in many applications around the world. Utilizing its hydraulic drive and lift system for single and double tier configurations ensures that customers enjoy day-in and day-out battery changing performance in medium to large fleets.

Hosting a logical user-friendly control panel, the BBH allows the operator to deliver faster, more consistent and accurate battery changes that will keep your truck fleet productive.

The BBH utilizes a double roller bed configuration, coupled with its powerful electro magnet that has a draw bar pull of 1800lbs. The BBH delivers the highest throughput in battery changing, while maintaining a small footprint to help save your costly warehouse space.

GET IN TOUCH

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BBH 1-2 Levels

Features and Benefits

- Reliable AC power

AC powered hydraulic pump drives all system functions and provides maximum power and reliability to ensure continuous performance.

- Positive Traction and Control

Twin drive wheels ensure positive traction and reduces driveline stress in high output operations.

- Equal Hydraulic Displacement Leveling

Assures positive leveling in all positions and eliminates the requirement for high maintenance equalizing chains.

- Optimize your Valuable Floor-space

Will support single or double-sided battery changing systems with one or two high battery stands.

- Faster and Smoother Changes

Powerful 1,800 lb pull, electromagnet coupled with powerful urethane covered lead rollers, will consistently deliver up to 25% faster changes.

- Integrated Safety

A full size hinged safety gate controlled by an interlock switch and an anti-fatigue mat keeps the operator safe and comfortable.

- Built to Last

Designed, engineered and built to operate day after day in a 24-hour environment with minimal maintenance.

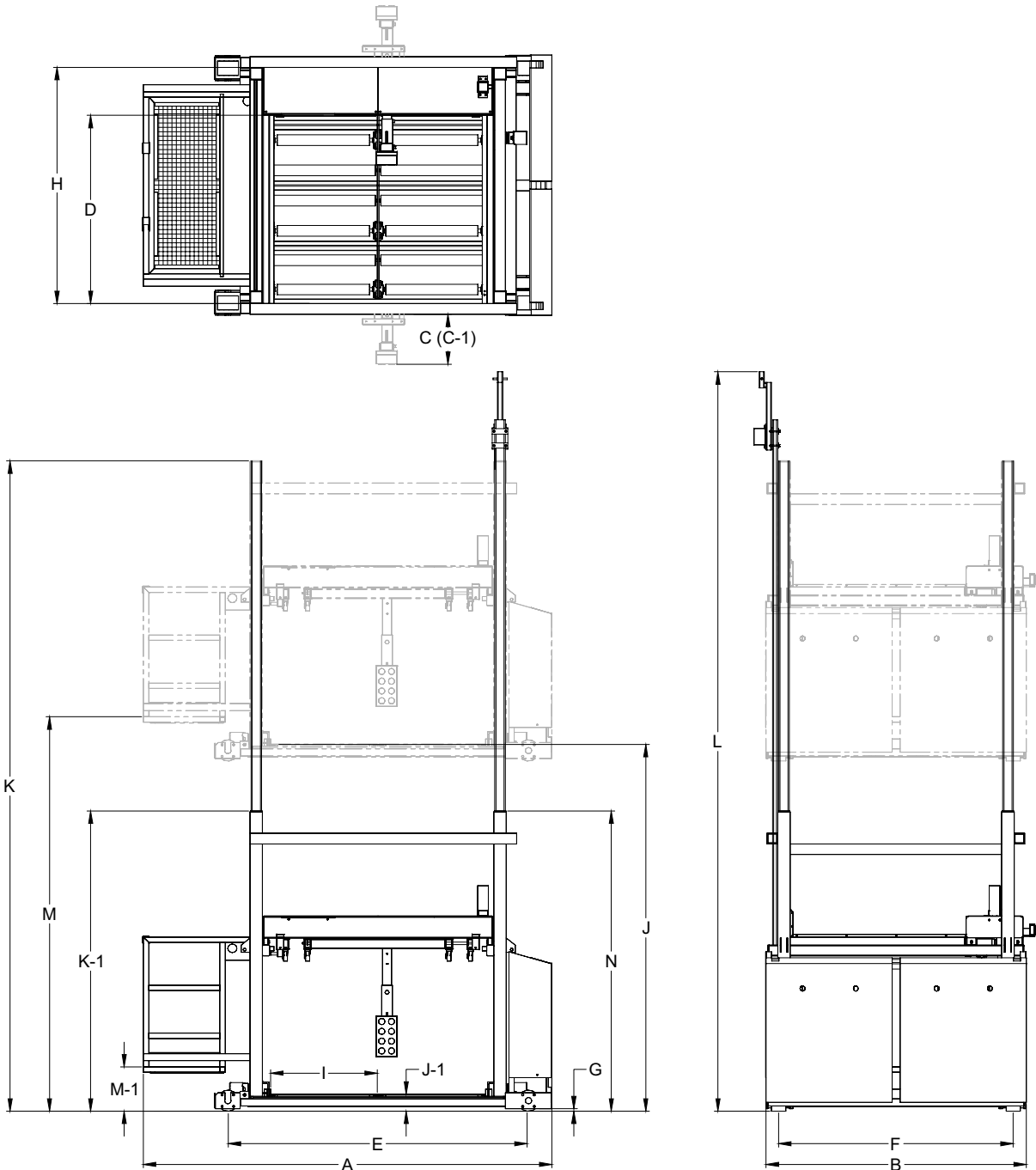
Available Options

OPTIONS
On-board battery watering system
On-board display panel for integration with battery management systems
Hydraulic powered mechanical battery safety stops on all powered roller beds
Forward / reverse travel interlock
Motion safety sensors and light curtains
Custom sizes to replace competitors
Auto Level System

BBH 1-2 Levels

DIMENSIONS

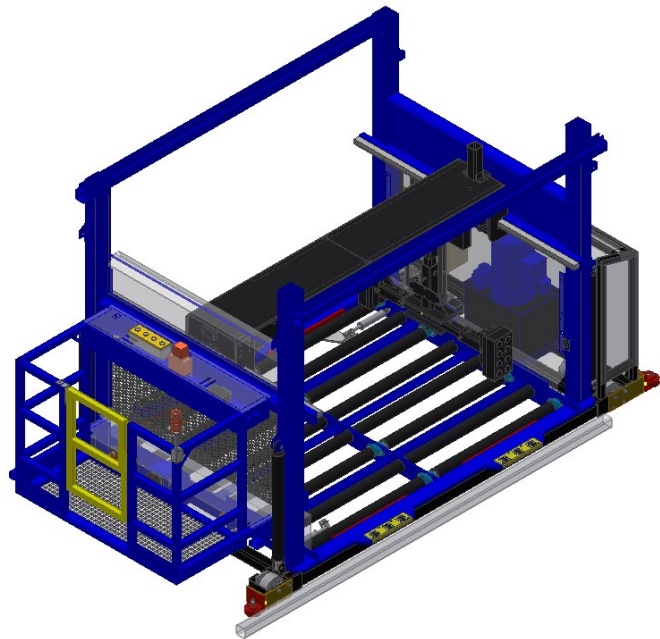
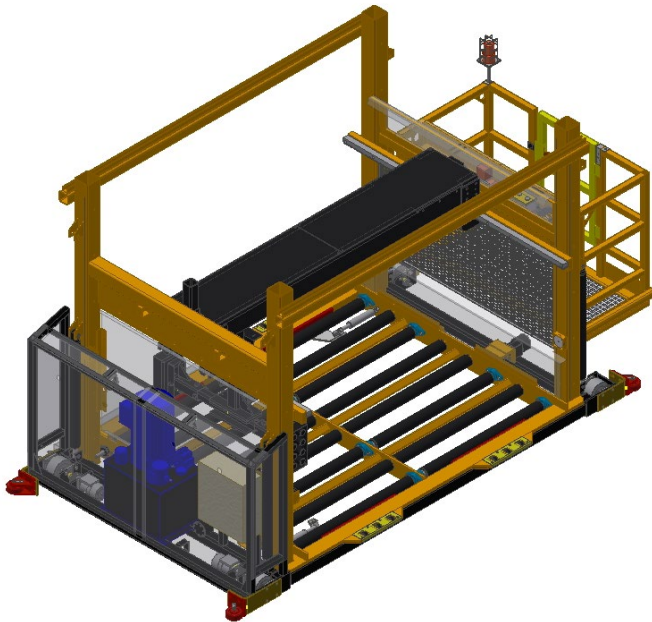
Single and Double Models



BBH 1-2 Levels

3D RENDERING

Single and Double Models



BBH 1-2 Levels

GENERAL SPECIFICATIONS

	MODEL NO.	BBH-2-30		BBH-2-36		BBH-2-42		BBH-2-48	
1	Raise/lower speed	0-15FPM	0-4.5MPM	0-15 FPM	0-4.5MPM	0-15FPM	0-4.5MPM	0-15FPM	0-4.5MPM
2	Travel speed	0-225FPM	0-68.5MPM	0-225FPM	0-68.5MPM	0-225FPM	0-68.5MPM	0-225FPM	0-68.5MPM
3	Machine duty cycle (annual)	5,500hrs		5,500hrs		5,500hrs		5,500hrs	
4-A	Input voltage/frequency	415V / 50HZ / 13A		415V / 50HZ / 13A		415V / 50HZ / 13A		415V / 50HZ / 13A	
4-B	Input voltage/frequency	460V / 60HZ / 11A		460V / 60HZ / 11A		460V / 60HZ / 11A		460V / 60HZ / 11A	
4-C	Input voltage/frequency	575V / 60HZ / 9A		575V / 60HZ / 9A		575V / 60HZ / 9A		575V / 60HZ / 9A	
5	Control Voltage	110VAC / 24VDC		110VAC / 24VDC		110VAC / 24VDC		110VAC / 24VDC	
6	Draw Bar Pull Magnet	1800 lb / 817 kg		1800 lb / 817 kg		1800 lb / 817 kg		1800 lb / 817 kg	
7	Magnet break off point on (1/4",3/16",1/8") thick plate	1800, 1200, 700 lb		1800, 1200, 700 lb		1800, 1200, 700 lb		1800, 1200, 700 lb	
8	Power Unit Type	Hydraulic		Hydraulic		Hydraulic		Hydraulic	
9	Wheel Type / Size (DxW)	Urethane 6"x 2-3/4" / 152mm x 70mm		Urethane 6"x 2-3/4" / 152mm x 70mm		Urethane 6"x 2-3/4" / 152mm x 70mm		Urethane 6"x 2-3/4" / 152mm x 70mm	
10	Capacity (Fully Loaded)	10000 lb	4536 kg	10000 lb	4536 kg	10000 lb	4536 kg	10000 lb	4536 kg
11	Service weight (empty)	2500 lb	1134 kg	3500 lb	1588 kg	3800 lb	1724 kg	4500 lb	2042 kg



BBE 1-2 Levels

DIMENSIONAL DATA

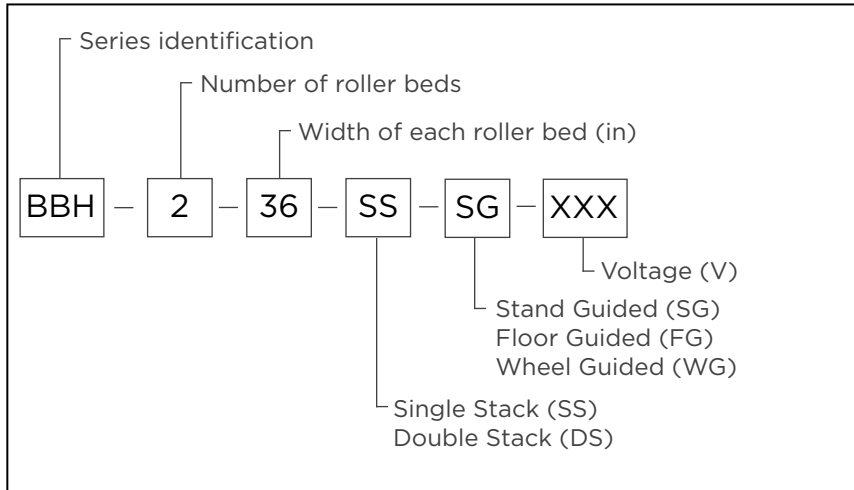
	MODEL NO.	BBH-2-30		BBH-2-36		BBH-2-42		BBH-2-48	
A	Overall Length	117"	2972 mm	129"	3277 mm	141"	3581 mm	153"	3886 mm
B	Overall Width (Standard)	78"	1981 mm	78"	1981 mm	78"	1981 mm	78"	1981 mm
C	Max. Magnet Arm Reach (Standard Arm)	12.25"	311 mm	12.25"	311" mm	12.25"	311 mm	12.25"	311 mm
C-1	Max. Magnet Arm Reach (Extension Arm)	Customized to suit		Customized to suit		Customized to suit		Customized to suit	
D	Bridge Travel	53.5"	1359 mm	53.5"	1359 mm	53.5"	1359 mm	53.5"	1359 mm
E	Wheel Base	84.5"	2146 mm	96.5"	2451 mm	108.5"	2756 mm	120.5"	3061 mm
F	Centerline of Drive Wheels	64.75"	1645 mm	64.75"	1645 mm	64.75"	1645 mm	64.75"	1645 mm
G	Ground Clearance	.875"	22 mm	.875"	22 mm	.875"	22 mm	.875"	22 mm
	Grade Percent	1%	1%	1%	1%	1%	1%	1%	1%
H	Battery Compartment Size Length	62.5"	1588 mm	62.5"	1588 mm	62.5"	1588 mm	62.5"	1588 mm
I	Battery Compartment Overall Width (Urethane)	30"	762 mm	36"	914 mm	42"	1067 mm	48"	1219 mm
	Max. Battery Length	60"	1524 mm	60"	1524 mm	60"	1524 mm	60"	1524 mm
	Max. Battery Width	24"	610 mm	30"	762 mm	36"	914 mm	42"	1067 mm
	Max. Battery Height	37"	940 mm	37"	940 mm	37"	940 mm	37"	940 mm
	Min. Battery Length	18"	457 mm	18"	457 mm	18"	457 mm	18"	457 mm
	Min. Battery Width	6"	152 mm	6"	152 mm	6"	152 mm	6"	152 mm
	Min. Battery Height	20"	508 mm	20"	508 mm	20"	508 mm	20"	508 mm
	Min. Over Travel (Front)	94"	2388 mm	103"	2616 mm	112"	2845 mm	121"	3073 mm
	Min. Over Travel (Rear)	114"	2896 mm	122"	3099 mm	132"	3353 mm	140"	3556 mm

LEVEL HEIGHT DIMENSIONAL DATA

	MODEL NO.	SINGLE		DOUBLE	
J	Carriage Roller Bed (Raised)	30"	762 mm	54"	1372 mm
J-1	Carriage Roller Bed (Lowered)	5.5"	140 mm	5.5"	140 mm
K	Overall Height (Raised)	108"	2743 mm	139"	3531 mm
K-1	Overall Height (Lowered)	84"	2134 mm	84"	2134 mm
L	Overall Height to Top of Tow Arm	134"	3404 mm	168"	4267 mm
M	Operator Platform Height (Raised)	36.5"	927 mm	62.5"	1588 mm
M-1	Operator Platform Height (Lowered)	12.5"	318 mm	12.5"	318 mm
N	Shipping Height	84"	2134 mm	84"	2134 mm
	Upper Guide Required? (Yes / No)	No		No	
	Floor Variance (+ or – in 10 ft.)	0.25"	6 mm	0.25"	6 mm

Model/Part Number Breakdown

Example: BBH-2-36-SS-SG-XXX



(The BBH in operation, accompanied by the CBH ABM & WWTS)

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

CBH_BBH2LVL_NA_R006