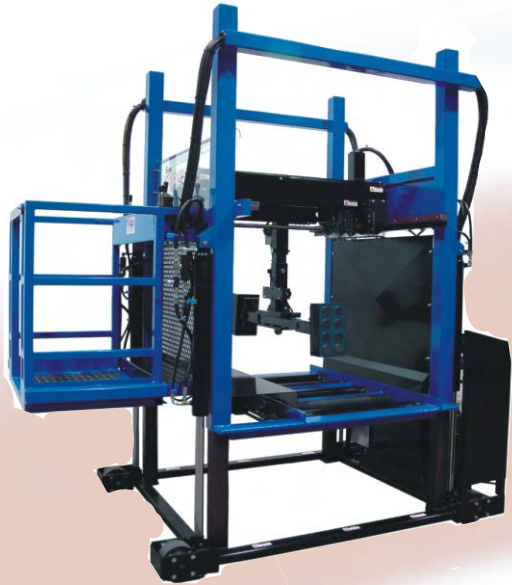


## CHANGE CARS - BBN SERIES

The BBN Series change car is designed to handle small to medium to battery fleets. It offers a single roller bed to provide slick changing times in single level systems. With a focus on safety, space saving and quick change times, the BBN will streamline your battery changing operation.



### Features

- AC powered
- Twin drive wheels for positive traction
- Laser leveling system for precise alignment
- Powered rollers to assist battery changing
- Stand guided
- Emergency safety stop
- Safety gate with limit switch
- Urethane covered rollers
- Single compartment
- 817kgs draw-bar pull on 6mm steel
- Acid-proof powder coat paint
- Safe user-friendly operation

### Options

- Custom sizes available
- Limit switch on extraction arm (cart will not travel when arm extends beyond carriage)
- Hydraulically powered battery safety stops

### Modular Operator controls



The Operator controls on the BBN range are very easy to use. All operations are logical and the controls are ergonomically designed.

### Typical installation





## SPECIFICATIONS

### “BATTERY BULL” SPECIFICATION

Model: BBN-1-30/36/42-SS

	GENERAL SPECIFICATIONS	METRIC DIMENSIONS
1	Raise / Lower Speed	0 - 457 cm/min.
2	Hydraulic System	10KW / 28.4LPM / 37.85L
3	Travel Speed	0 - 6,858 cm/min.
4	Input Voltage	575 or 480 VAC / 60 Hz
5	Control Voltage	120 VAC
6	System AC Amp Draw	9 amps @ 575 V or 12 amps @ 480 V
7	Draw Bar Push / Pull	816 kgs.
8	Magnet Break Off Point (1/4, 3/16, 1/8 plates)	817 kg, 545 kg, 318 kg
9	Magnet Size	152mm x 292mm
10	Power Unit Type	Hydraulic
11	Wheel Type / Size (dia. x width)	152mm x 70mm
12	Capacity (Fully Loaded)	4536 kgs.
13	Service Weight (Empty)	-
14	Roller Diameter	76mm
15	Roller Shaft Size - Drive Roller	25.4mm
16	Roller Shaft Size - Idler Roller	17.4mm
17	Minimum Service Aisle Width	2,032mm
18	Model Colour	Blue / Black

	DIMENSIONAL DATA	BBN-30	BBN-36	BBN-42
A	Overall Length	2438mm	2591mm	2743mm
B	Overall Width	1372mm	1372mm	1372mm
C	Overall Height (including Antenna)	2311mm	2311mm	2311mm
D	Height (Lowered Position)	2184mm	2184mm	2184mm
E	Height (Raised Position)	2781mm	2781mm	2781mm
G	Magnet Pole Reach	345mm	345mm	345mm
H	Wheel Base	1645mm	1795mm	1950mm
I	Centerline of Drive Wheel	1178mm	1178mm	1178mm
J	Ground Clearance	19mm	19mm	19mm
K	Battery Compartment Length	1130mm	1130mm	1130mm
L	Battery Compartment Width	762mm	914mm	1067mm
M	Roller Bed Height (Lowered/Raised)	146mm / 667mm	146mm / 667mm	146mm / 667mm
N	Operator Platform Height (Lowered/Raised)	324mm / 927mm	324mm / 927mm	324mm / 927mm
19	Maximum Battery Length	1321mm	1321mm	1321mm
20	Maximum Battery Width	711mm	864mm	1016mm
21	Maximum Battery Height	940mm	940mm	940mm
22	Minimum Battery Length	203mm	203mm	203mm
23	Minimum Battery Width	152mm	152mm	152mm
24	Minimum Battery Height	305mm	305mm	305mm

\* FLOOR LEVEL REQUIREMENT: ± 13mm over 3048mm