



PFB1500-800

1.5 Tonne Pedestrian Load Carrier

24 volt AC controller

800mm wide platform

4 Wheels

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STANDARD EQUIPMENT & OPTIONS

	MODEL	PFB1500-800
VEHICLE OVERVIEW	Configuration	4 wheel
	Power unit: 24 volt AC controller	•
	Payload capacity	1500kg
	Tow load capacity (requires optional tow hitch)	2000kg
	Welded steel chassis, painted	•
	Rear drive axle with limited slip differential	•
	Standard ambient operating temperatures -10 to +40	•
BATTERIES & ACCESSORIES	24v 240Ah lead acid (12 x 4PzS240)	○
	24v 320Ah lead acid (12 x 4PzS320)	○
	24v 220Ah gel maintenance free (12 x 4PzV220) Not suitable for side access or lift out battery change	○
	Battery fill system (BFS) and low electrolyte level indicator (Blinky) (available 240Ah and 320Ah lead acid batteries only)	○
	Battery auto filler - option 1. Pressurised topping bottle with manual pump	○
	Battery auto filler - option 2. Mobile 12-volt hydrofill battery watering cart with charger	○
BRAKING SYSTEMS	Hydraulic drum brakes to rear wheels only	•
	Electronic regenerative braking under deceleration	•
	Dynamic speed sensing to prevent over-speeding in all driving conditions	•
	Automatically applied transmission parking brake	•
LIGHTING / ACCESSORIES	Lighting option includes <ul style="list-style-type: none"> • Twin front side lights • Twin tail and brake lights • Indicators • Hazard warning lights • Reverse light 	○
	Amber flashing beacon mounted on pole / body	•
	Blue spot warning light - rear only	○
	Rear mounted 24 volt working light	○
CONTROLS / AUDIBLE WARNINGS	Robust ergonomically designed Curtis IP rated tiller head unit	•
	Maximum speed can be pre-set to a maximum of 6.0 kph (Please specify speed setting at time of order)	•
	High / Low speed switch on tiller head (Please specify speed settings at time of order)	○
	Body protection switch fitted to tiller head	•
	Emergency stop button	•
	Horn	•
	Automatic audible warning in reverse	•
	Automatic white noise audible warning in forward	○
INSTRUMENTS	Battery discharge indicator	•
	Hour meter	•
	Keypad in place of standard key switch	○
TYRES	5.00 x 8 (PPS) pneumatic profiled soft solid puncture proof	•
	5.00 x 8 Pneumatic	○
	5.00 x 8 (PPS) pneumatic profiled soft solid puncture proof non marking	○

	MODEL	PFB1500-800
TOW HITCH	No tow hitch fitted	•
	20mm pin multi jaw tow hitch	○
	25mm pin multi jaw tow hitch	○
	40 mm pin front multi jaw tow hitch	○
	Combined 50mm ball and 25mm single jaw	○
	50mm ball adapter fits in any one of the three jaws on the standard tow hitch	○
	Tow hitch specific for site requirement	○
LOAD BED	Plywood deck board	•
	Payload capacity	1500kg
	Standard Dimensions (LxWxH mm) see option line below	1800 x 800 x 620
	Extended or reduced load bed options available	○
	Two lashing rings per side	○
	Pick-up - aluminium sides	○
	Cage body	○
	Pick-up - aluminium sides with PVC cover	○
	Box van	○
Removable aluminium platform overlay	○	
MISC	1kg dry powder fire extinguisher	○
	Category L registered for road. Must be ordered in conjunction with lighting upgrade. Category L classification allows for the use of only the vehicle on public highway and does not cover the used of any trailer or trialled load.	○
COLOUR	Chassis / panels: Safety Yellow BS356	•
	Custom colour. Panels to customer's single colour specification. RAL number to be supplied at time of order	○



TECHNICAL DATA

VDI 2198		TECHNICAL FEATURES		PFB1500-800-01	
DISTINGUISHING MARK	1.1	Manufacturer (abbreviation)		BEV	
	1.2	Manufacturer's type designation		PFB1500-800-01	
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Battery	
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Pedestrian	
	1.5	Rated capacity / Rated load	Q (t)	1.5	
	1.9	Wheelbase	y (mm)	1247	
WHEELS / TYRES	3.1	Tyres: SE=Pneumatic Shape Solid,		SE	
	3.2	Tyre size, front	ø x width (mm)	452 x 119	
	3.3	Tyre size, rear	ø x width (mm)	452 x 119	
	3.5	Wheels, number front / rear (x = driven wheels)		2 / 2X	
	3.6	Tread / track, front	b 10 (mm)	580	
	3.7	Tread / track, rear	b 11 (mm)	580	
	3.9	Wheels braked service brake, number		2 x Rear	
	3.10	Wheels braked parking brake		2 x Rear	
DIMENSIONS	4.2.1	Overall height	h 15 (mm)	1930	
	4.9	Height drawbar in driving position min/max	h 14 (mm)	505 / 1200	
	4.12	Coupling height (optional)	h 10 (mm)	220 / 294 / 364	
	4.13	Loading height, unladen	h 11 (mm)	660	
	4.16	Length of loading surface	l 3 (mm)	1784	
	4.17	Overhang	l 5 (mm)	305	
	4.18	Width of loading surface	b 9 (mm)	784	
	4.19	Overall length	l 1 (mm)	2399	
	4.21	Overall width	b 1 / b 2 (mm)	800 / 1339	
	4.32	Ground clearance, centre of wheelbase	m 2 (mm)	160	
	4.34	Aisle width predetermined load dimensions	A st (mm)	4955	
	4.35	Turning radius	W a F (mm)	2655	
	4.35	Turning radius	W a R (mm)	2100	
	4.36	Internal turning radius	b 13 (mm)	1675	
PERFORMANCE	5.1	Travel speed, laden / unladen	km/h	6	
	5.1.1	Travel speed, laden / unladen, backwards	km/h	6	
	5.8	Max. gradeability, laden / unladen	%	10 / 20	
	5.10	Service brake		Hydraulic	
DRIVE	8.1	Type of drive unit		Solid axle with integral A/C motor and differential	
	8.10	Transfer of power		Helical Gears	
	8.11	Service brake		Hydraulic	
	8.12	Parking brake		Electric Magnetic Brake on Motor	
MISC	10.7	Sound pressure level at the driver's seat	dB (A)	55	

BATTERY SIZE & VEHICLE WEIGHTS			PFB1501-800-01 PEDESTRIAN LOAD CARRIER			
BATTERY		Battery type		Lead	Lead	Gel MF
	6.1	Drive motor S2 60 minute rating	(kW)	2.5	2.5	2.5
	6.4	Battery voltage	(V/Ah)	24 / 240	24 / 320	24 / 220
	6.5	Battery weight	(kg)	235	252	188
WEIGHTS	2.1.1	Service weight excluding battery	(kg)	583	583	583
	2.1.0	Service weight including battery	(kg)	818	835	771
	2.3	Axle loading, unladen front / rear	(kg)	412 / 406	425 / 410	393 / 378

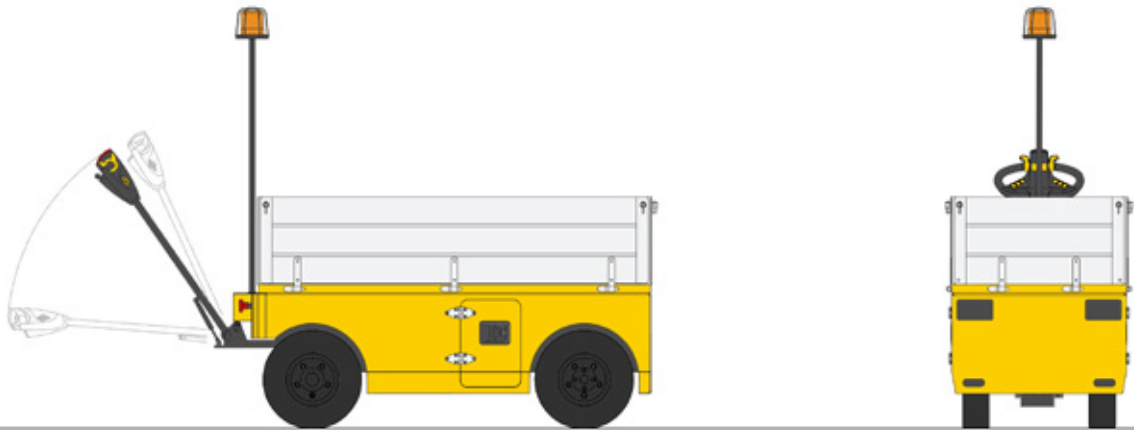
NOTE
 These values may vary +/- 5%. Performance is affected by both the condition of the vehicle and towed equipment, as well as the surface and weather conditions within the operating area. ⁽²⁾ Based on 200N/tonne rolling resistance on a level dry surface.

BODY OPTIONS / DIMENSIONS

ALUMINIUM PICK-UP

- Aluminium dropdown sides and rear tailgate
- Resin coated anti-slip plywood deck
- Four side flush lashing points fitted to body

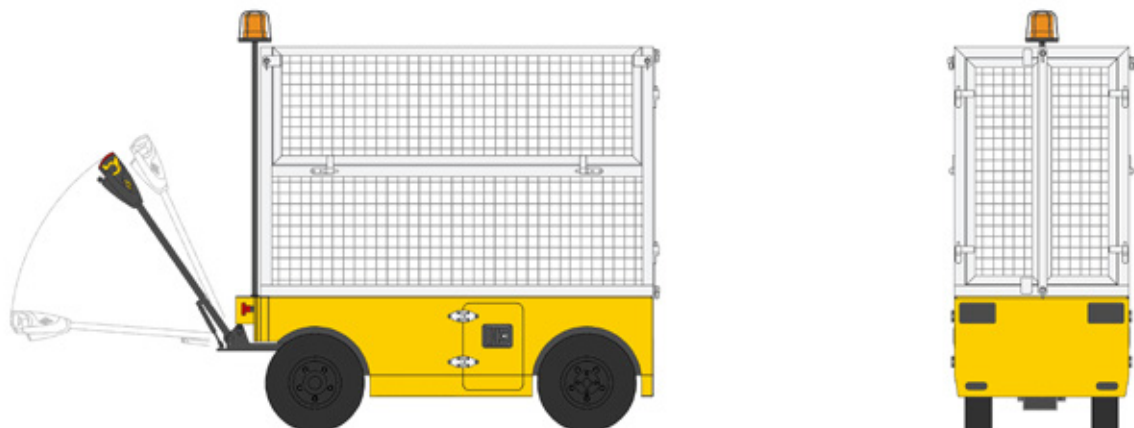
BODY CODE	-02	
DIMENSIONS	Length	1720mm
	Width	720mm
	Platform Height	660mm
MODEL CODE	PFB1500-800-02	



CAGE BODY

- Steel 25mm mesh cage body
- Twin rear opening doors
- Half drop down top section to both sides
- Resin coated anti-slip plywood deck
- Four side flush lashing points fitted to body

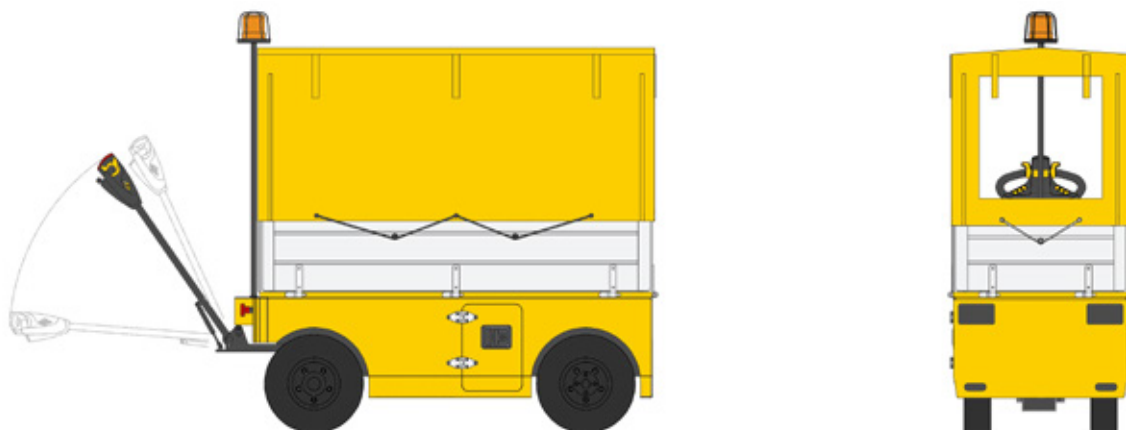
BODY CODE	-03	
DIMENSIONS	Length (Internal)	1700mm
	Width (Internal)	715mm
	Height	1095mm
	Platform Height	670mm
MODEL CODE	PFB1500-800-03	



ALUMINIUM PICK-UP PVC COVER

- PVC cover to all four sides, roll up sides and rear panel
- Clear sections to front and rear panels to allow through vision
- Aluminium drop down sides and rear tailgate
- Resin coated anti-slip plywood deck
- Four side flush lashing points fitted to body

BODY CODE	-05	
DIMENSIONS	Length (Internal)	1720mm
	Width (Internal)	720mm
	Height	1120mm
	Rear Loading Height	645mm
MODEL CODE	PFB1500-800-05	



BOX VAN

- Aluminium frame, dry freight panels
- Automatic LED light inside box van
- Lockable shutter door to nearside only
- Resin coated anti-slip plywood deck
- Four flush lashing points fitted to deck

BODY CODE	-06	
DIMENSIONS	Length (Internal)	1294mm
	Width (Internal)	1036mm
	Height	1150mm
	Platform Height	816mm
MODEL CODE	PFB1500-800-06	





BRADSHAW ELECTRIC VEHICLES

New Lane

Stibbington

Peterborough

PE8 6LW

enquiries@bradshawev.com

www.bradshawEV.com

01780 782 621

All data and specifications are in accordance with information available at the time of publication and are subject to change without notice.

Some of the vehicles shown are may be fitted with optional equipment or accessories that are available at extra cost.

This brochure supersedes all previous publications.
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