



FB1000

1,362kg Load Carrier

36 volt DC controller

Cabbed & Un-cabbed

4 Wheels

BRADSHAW
ELECTRIC • VEHICLES

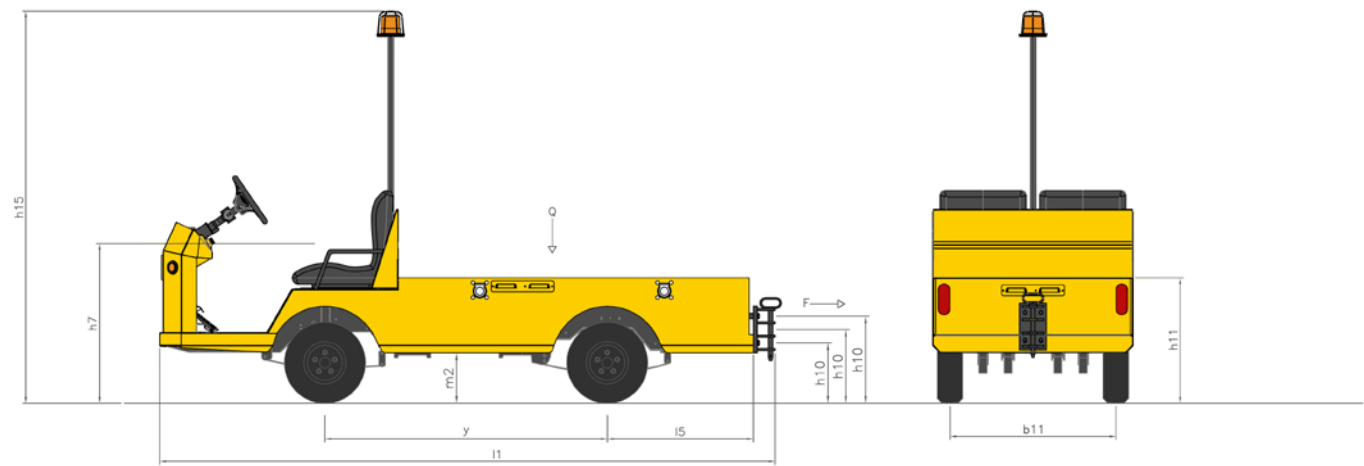
STANDARD EQUIPMENT & OPTIONS

	MODEL	FB1000
VEHICLE OVERVIEW	Configuration	4 wheel
	Power unit: 36 volt AC controller	●
	Payload capacity	1362kg
	Tow load capacity	2000kg
	Suspension front and rear	●
	Welded steel chassis, painted	●
	Rear drive axle with limited slip differential	●
	Standard ambient operating temperatures -10 to +40	●
BATTERIES & ACCESSORIES	36v 185Ah lead acid (6 x 6 volt monobloc linked in series)	○
	36v 210Ah lead acid traction cell (18 x 5PzB210)	○
	36v 154Ah gel maintenance free (6 x 6 volt monobloc linked in series)	○
	Battery fill system (BFS) and low electrolyte level indicator (Blinky) (available 210Ah battery 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 all wheels	●
	Electronic regenerative braking under deceleration	●
	Dynamic speed sensing to prevent over-speeding in all driving conditions	●
	Manually applied parking brake	●
	Automatically applied electro magnetic park brake on the back of the motor	○
LIGHTING / ACCESSORIES	Twin headlight, twin tail and brake lights	●
	Upgrade lighting includes <ul style="list-style-type: none">• Twin headlights• Twin side lights• Twin tail and brake lights• Indicators• Hazard warning lights• Reverse light• 7 pin trailer socket	○
	Amber flashing beacon mounted on pole or cab	●
	Blue spot warning light - front only	○
	Blue spot warning light - front & rear	○
	Rear mounted 12 volt working light	○
CONTROLS / AUDIBLE WARNINGS	Maximum speed can be pre-set between 6-16kph (Please specify speed setting at time of order)	●
	High / Low speed switch on dashboard (Please specify speed settings at time of order)	●
	Safety seat cut out, (OPS). Vehicle will not operate unless driver is seated	●
	Emergency stop button	●
	Horn	●
	Automatic audible warning in reverse	●
	Automatic white noise audible warning in forward	○
INSTRUMENTS	Battery discharge indicator	●
	Hour meter	●
	Dash mounted 12 volt charging socket	●
	Dual 12 volt USB	●
	Keypad in place of standard key switch	○
TYRES	5.70 x 8 Pneumatic	●
	5.00 x 8 (PPS) pneumatic profiled soft solid puncture proof	○
	5.00 x 8 (PPS) pneumatic profiled soft solid puncture proof non marking	○

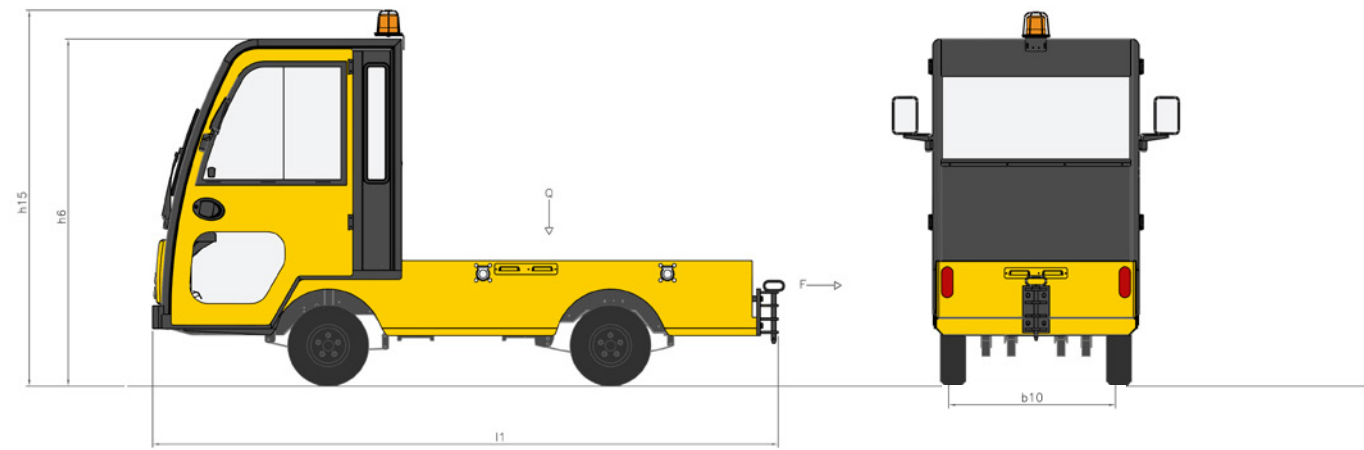
	MODEL	FB1000
TOW HITCH	No tow hitch fitted	○
	20mm pin multi jaw tow hitch	●
	25mm pin multi jaw tow hitch	○
	40 mm pin front multi jaw tow hitch	○
	Combined 50mm ball and 25mm single jaw	○
	50mm ball tow hitch	○
	50mm ball adapter fits in any one of the three jaws on the standard tow hitch	○
	Tow hitch specific for site requirement	○
CAB	Left hand drive	●
	Un-cabbed	○
	Economy steel cab no doors	○
	PVC roll up weather proof doors (economy cab only)	○
	Steel cab PVC roll up weather proof doors	○
	Steel cab lockable slam metal doors	○
	Steel single seat half cab nearside lockable slam metal door	○
	Front wiper (cab option only)	●
	Rear wiper (cab option only)	○
	Screen wash system for front screen only (cab option only)	○
	Screen wash system for front and rear screen, must be ordered with rear wiper (cab option only)	○
	Electric heater with 3 directional nozzles and 3 speed blower (available on FB1004 and FB1005 only)	○
	Rear mounted camera with display screen	○
SEATING	Driver and single passenger seat	●
	Upgraded to full suspension vinyl drivers seat with arm rests	○
	Twin inertia lap seat belts	○
	Twin high visibility inertia lap seat belts (interlock fitted to drivers seat only)	○
MIRRORS	Interior mirrors (cab option only)	●
	Exterior mirrors (cab option only)	●
	Exterior mirrors (un-cabbed only)	○
	Large extendible exterior mirrors	○
	Interior fish eye mirror (cab option only)	○
LOAD BED	Plywood deck board	●
	Dimensions (LxWxH mm)	1955 x 1117 x 700
	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 the use of only the vehicle on public highway and does not cover the use of any trailer or trialled load	○
COLOUR	Chassis / panels: Safety Yellow BS356	●
	Custom colour. Chassis / panels to customer's single colour specification. RAL number to be supplied at time of order	○
	Custom colour. Chassis / panels & eco-cab to customer's single colour specification. RAL number to be supplied at time of order	○
	Custom colour. Chassis / panels and cab doors to customer's single colour specification. RAL number to be supplied at time of order (available on FB1004 and FB1005 only)	○

TECHNICAL SPECIFICATIONS

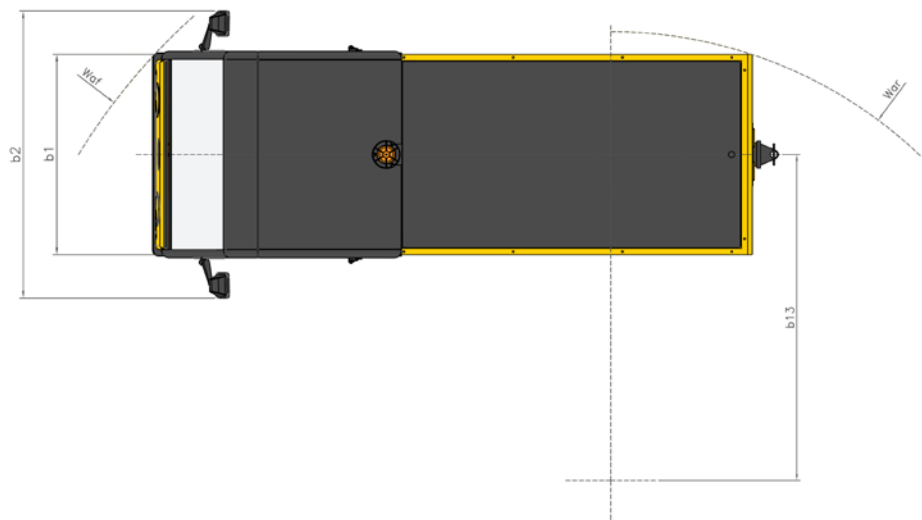
FB1001-01 - UN-CABBED LOAD CARRIER - PLATFORM BODY



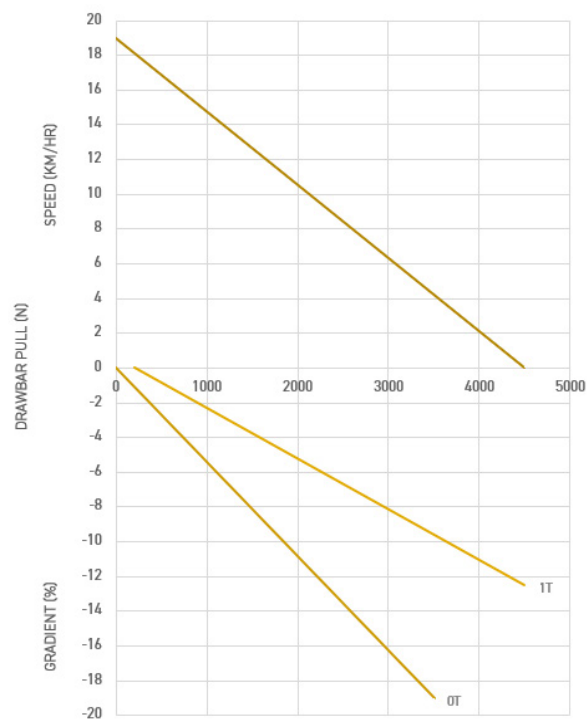
FB1004-01 - CABBED LOAD CARRIER - PLATFORM BODY



TURNING CIRCLE



PERFORMANCE CHART



TECHNICAL DATA

VDI 2198			TECHNICAL FEATURES			FB1001-01			FB1004-01		
DISTINGUISHING MARK	1.1	Manufacturer (abbreviation)				BEV			BEV		
	1.2	Manufacturer's type designation				FB1001-01			FB1004-01		
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas				Battery			Battery		
	1.4	Operator type: hand, pedestrian, standing, seated				Seated			Seated		
	1.5	Rated capacity / Rated load		Q (t)		1.0			1.0		
	1.7	Rated drawbar pull		F (N)		200			200		
	1.9	Wheelbase		y (mm)		1580			1580		
WHEELS / TYRES	3.1	Tyres: P=Pneumatic				P			P		
	3.2	Tyre size, front		ø x width (mm)		452 x 119			452 x 119		
	3.3	Tyre size, rear		ø x width (mm)		452 x 119			452 x 119		
	3.5	Wheels, number front / rear (x = driven wheels)				2 / 2X			2 / 2X		
	3.6	Tread / track width, front		b 10 (mm)		925			925		
	3.7	Tread / track width, rear		b 11 (mm)		925			925		
	3.9	Wheels braked service brake, number				4			4		
DIMENSIONS	3.10	Wheels braked parking brake				2 x Rear			2 x Rear		
	4.2.1	Overall height (including beacon)		h 15 (mm)		2180			2089		
	4.7	Height of overhead cabin		h 6 (mm)		-			1928		
	4.8	Seat height relating to SIP / stand height		h 7 (mm)		887			887		
	4.12	Coupling height		h 10 (mm)		336 / 410 / 484			336 / 410 / 484		
	4.13	Loading height, unladen		h 11 (mm)		698			698		
	4.16	Length of loading surface		l 3 (mm)		1930			1930		
	4.17	Overhang		l 5 (mm)		815			815		
	4.18	Width of loading surface		b 9 (mm)		1118			1118		
	4.19	Overall length		l 1 (mm)		3431			3489		
	4.21	Overall width		b 1 / b 2 (mm)		1120			1120 / 1603		
	4.32	Ground clearance, centre of wheelbase		m 2 (mm)		280			280		
	4.34	Aisle width predetermined load dimensions		A st (mm)		6072			6182		
	4.35	Turning radius		W a F (mm)		3370			3480		
	4.35	Turning radius		W a R (mm)		2502			2502		
	4.36	Internal turning radius		b 13 (mm)		1817			1817		
PERFORMANCE	5.1	Travel speed, laden / unladen		km/h		5 / 19			5 / 19		
	5.5	Drawbar pull, laden / unladen		N		400			400		
	5.6	Max drawbar pull, laden / unladen		N		1700			1700		
	5.8	Max. gradeability, laden / unladen		%		5 / 15			5 / 15		
	5.10	Service brake				Hydraulic Disc			Hydraulic Disc		
DRIVE	8.1	Type of drive unit				Solid axle intergral A/C motor and differential			Solid axle intergral A/C motor and differential		
	8.10	Transfer of power				Electric			Electric		
	8.11	Service brake				Hydraulic drums			Hydraulic drums		
	8.12	Parking brake				Electric			Electric		
MISC	10.7	Sound pressure level at the driver's seat		dB (A)		55			55		

BATTERY SIZE & VEHICLE WEIGHTS				FB1001-01 UN-CABBED			FB1004-01 CABBED		
BATTERY		Battery type		Lead	Lead	Gel MF	Lead	Lead	Gel MF
	6.1	Drive motor S2 60 minute rating	(kW)	2.2	2.2	2.2	2.2	2.2	2.2
	6.4	Battery voltage	(V/Ah)	36 / 185	36 / 210	36 / 154	36 / 185	36 / 210	36 / 154
WEIGHTS	6.5	Battery weight	(kg)	168	288	186	168	288	186
	2.1.1	Service weight excluding battery	(kg)	504	504	504	816	816	816
	2.1.0	Service weight including battery	(kg)	672	792	690	984	1104	1002
	2.3	Axle loading, unladen front / rear	(kg)	98 / 574	148 / 644	106 / 584	430 / 554	480 / 624	438 / 564

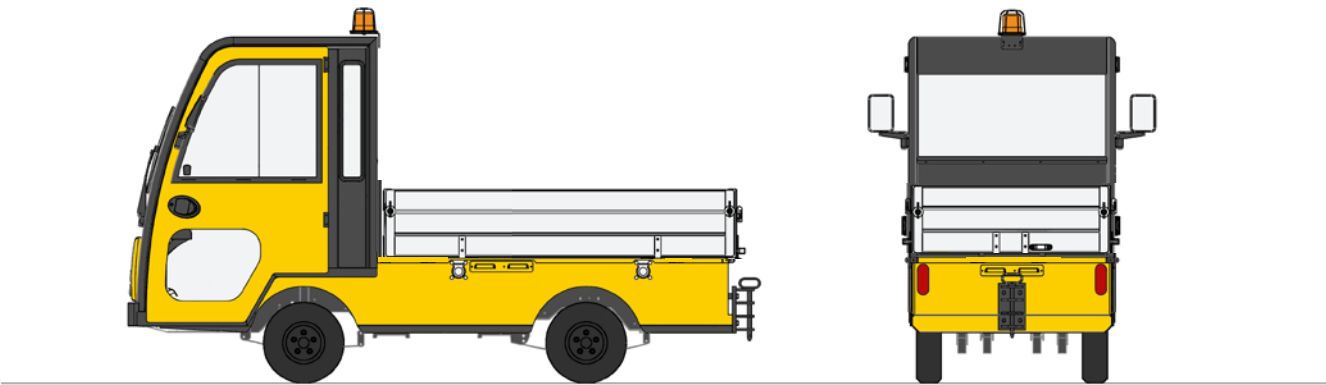
NOTE
These values may vary +/- 5%. ⁽¹⁾ It is our recommendation that braked trailers are used for trailer loads exceeding 750kg on level ground and for all trailer loads when operating on a gradient. Performance is affected by both the condition of the vehicle and towed equipment, as well as the surface 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

- Plywood deck board
- Four side flush lashing points fitted to body

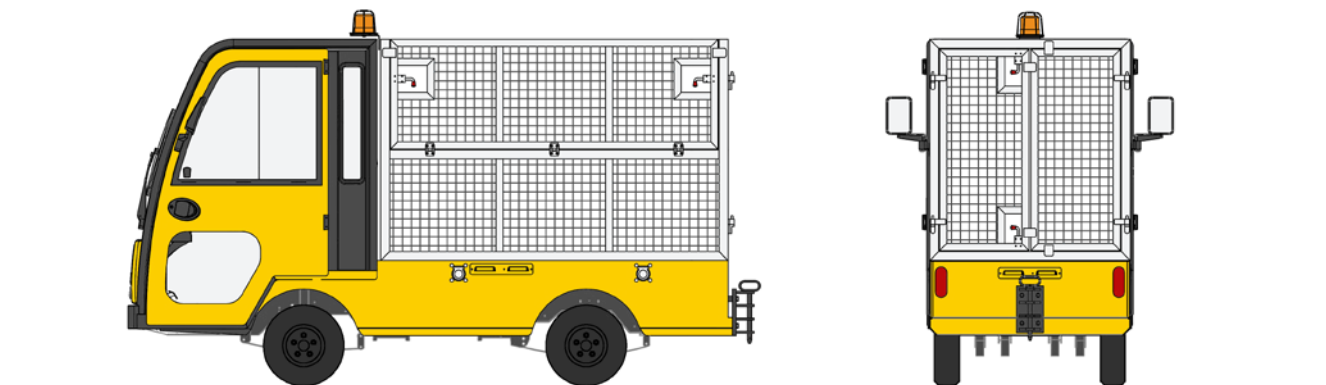
BODY CODE	-02	
BODY WEIGHT	50kg	
DIMENSIONS	Length	1930mm
	Width	1077mm
	Platform Height	701mm
MODEL CODE	Un-cabbed	FB1001-02
	Cab No Doors	FB1002-02
	Cab PVC Doors	FB1003-02
	Cab Slam Doors	FB1004-02



CAGE BODY

- Steel 25mm mesh cage body
- Twin rear opening doors
- Half drop down top section to both sides
- Plywood deck board
- Four side flush lashing points fitted to body

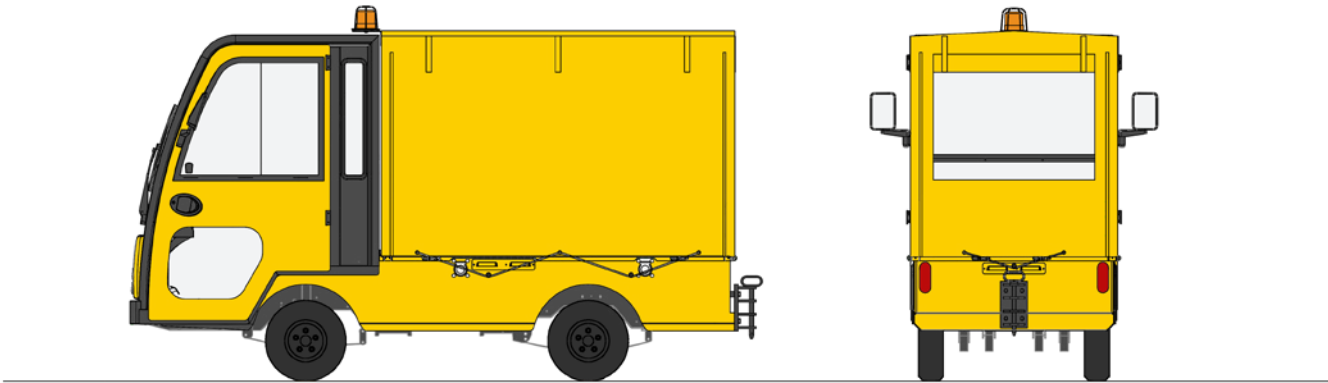
BODY CODE	-03	
BODY WEIGHT	110kg	
DIMENSIONS	Length (Internal)	1836mm
	Width (Internal)	1038mm
	Loading height (rear / side)	748mm / 1313mm
MODEL CODE	Un-cabbed	FB1001-03
	Cab No Doors	FB1002-03
	Cab PVC Doors	FB1003-03
	Cab Slam Doors	FB1004-04



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
- Plywood deck board
- Four side flush lashing points fitted to body

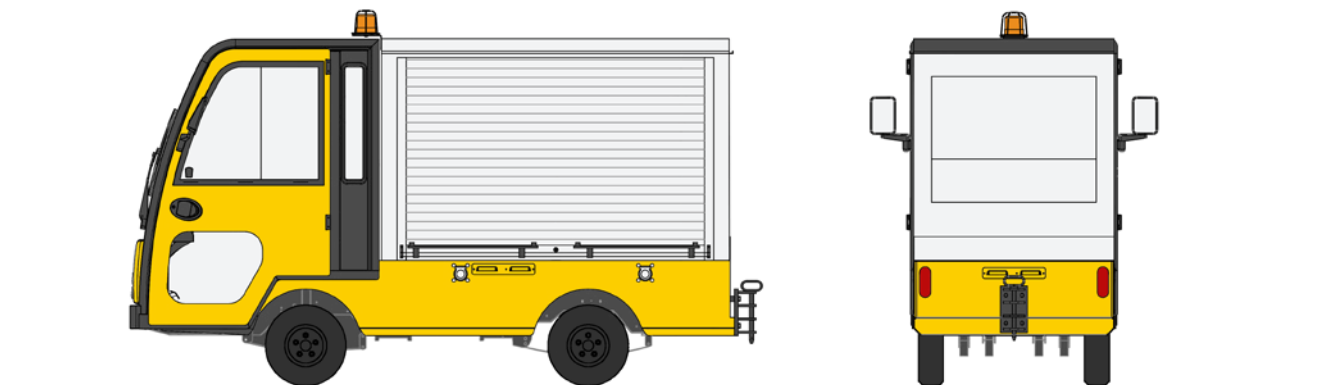
BODY CODE	-05	
BODY WEIGHT	90kg	
DIMENSIONS	Length (Internal)	1930mm
	Width (Internal)	1077mm
	Rear loading height	701mm
MODEL CODE	Un-cabbed	FB1001-05
	Cab No Doors	FB1002-05
	Cab PVC Doors	FB1003-05
	Cab Slam Doors	FB1004-05



BOX VAN

- Aluminium frame, dry freight panels
- Lockable shutter door to nearside only
- Windows in front and rear panel to allow for through vision
- Full black plywood deck board

BODY CODE	-05	
BODY WEIGHT	140kg	
DIMENSIONS	Length (Internal)	1960mm
	Width (Internal)	1077mm
	Loading height	698mm
MODEL CODE	Un-cabbed	FB1001-05
	Cab No Doors	FB1002-05
	Cab PVC Doors	FB1003-05
	Cab Slam Doors	FB1004-05





BRADSHAW ELECTRIC VEHICLES

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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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