



Pedestrian Counterbalance Trucks & Cranes

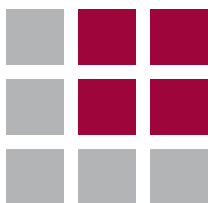
Heavy Duty Pedestrian Counterbalance Trucks...

...Bulldog - the smallest counterbalance truck in the world

Wilmat Limited has designed and developed its Bulldog range of power driven pedestrian counterbalance trucks with ease of use in mind. The Bulldog is unique in its operation, it is the only heavy duty lift truck with the ability to lift and load in the tightest of spaces. The Bulldog is robust in its construction and its operational uses are endless, giving the operator total control.



Tiller arm & controls



The Bulldog truck comes with a 300kg – 850kg lifting capacity as standard. The extended product range offers a lifting capacity of up to 2500kg and these larger machines come with Electronic Powered Steering as standard. The Bulldog has a lift height range from 1500mm up to 4660mm.

Each Bulldog truck has an electronic braking system and comes with a tilt operation as standard. Each truck is supplied with a heavy duty battery and charger and non-marking polyurethane wheels.

Materials Handling Solutions...

...the Bulldog range

With the help, guidance and experience of Wilmat's dedicated in-house design team, you can have a bespoke Bulldog truck designed and manufactured to suit your specific needs.

Wilmat has developed many optional extras to accompany the Bulldog range of power driven pedestrian counterbalance trucks. Side shift, drum clamps, booms, extending jibs, rotating clamps and many others. Ask our sales department for more details.

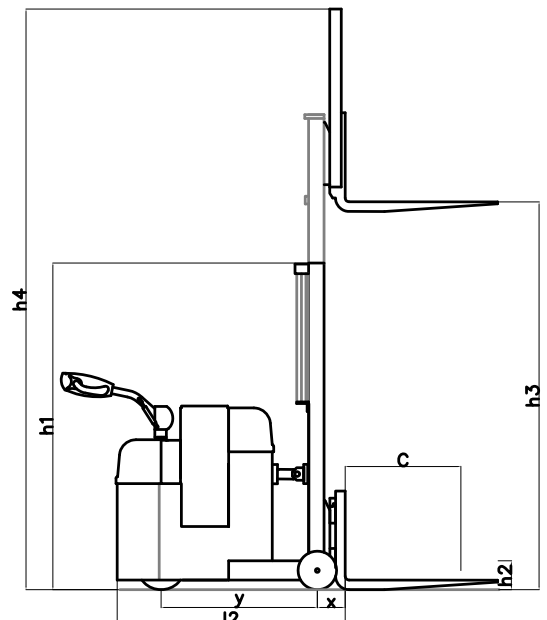
As with all Wilmat products, operational safety is guaranteed. Each Bulldog truck is put through a rigorous safety inspection and conforms to BS EN1726-1:1999 standards.

Model	Manufacturers designation/type	Unit	PDCB3	PDCB4	PDCB5	PDCB7	PDCB8
Capacity	Rated capacity	kg	300	400	500	700	850
Load Centre	C From front face of forks	mm	500	500	500	500	500
Power Supply			Battery	Battery	Battery	Battery	Battery
Type of Control	Pedestrian		Pedestrian	Pedestrian	Pedestrian	Pedestrian	Pedestrian
Tyre Type	Polyurethane		Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane
Fork Carriage	Width/to FEM	mm	588/1B forks	588/1B forks	670/1B forks	670/1B forks	670/1B forks
Fork	Thickness x width x length	mm	100 x 35 x 1000	100 x 35 x 1000	100 x 35 x 1000	100 x 35 x 1000	100 x 35 x 1000
Mast Tilt Angle	Forward/backward	degrees	1/6°	1/6°	1/6°	1/6°	1/6°
Overall Dimensions	L2 Length to front face of forks	mm	933 (a)	1173 (a)	1331 (a)	1331 (a)	1500 (a)
	Width	mm	780	812	952	952	952
Turning Radius	Wa	mm	840/1170	900/1190	1230/1190	1230/1190	1230/1190
Load Distance	x From centre of front axle to fork face	mm	123 (a)	135 (a)	120 (a)	120 (a)	120 (a)
90° Stacking Aisle L x W	Ast 1000x1200/1200x800 a=300	mm	2133/2333 (a)	2373/2673 (a)	2531/2731 (a)	2531/2731 (a)	2700/2900 (a)
Speeds	Travel speed laden/unladen	km/hr	4.0/4.5	4.0/4.5	4.0/4.5	4.0/4.5	4.0/4.5
	Lifting speed laden/unladen	m/s	0.17/0.2	0.15/0.18	0.1/0.125	0.1/0.125	0.1/0.125
	Lowering speed laden/unladen	m/s	0.5/0.1	0.4/0.1	0.3/0.1	0.4/0.1	0.4/0.1
Gradeability	Laden/unladen	%	4.5/8	4.5/8	4.5/8	4.5/8	4.5/8
Weight	Including battery & boxes	kg	1050	835	855/1005	1150	1150
Axle Loading	Laden front/rear	kg	1058/292	946/289	1144/211	1534/310	1534/310
	Unladen front/rear	kg	445/605	247/588	323/532	391/759	391/759
Tyres/Wheels	Number front/rear		2/1	2/1	2/1	2/1	2/1
	Size front	mm	200	200	200	200	200
	Size rear	mm	250	250	250	250	250
Wheelbase	y	mm	575	810	983	983	983
Ground Clearance	m, Laden, at the lowest point	mm	58	58	58	58	58
Parking/Service Brake	Failsafe		Electronic	Electronic	Electronic	Electronic	Electronic
	Voltage/capacity	v/ah	24/120	24/100	24/100 to 225 (b)	24/100 to 225 (b)	24/100 to 225 (b)
	Weight	kg	120 (c)	100/250 (c)	100/250 (c)	400 (c)	400 (c)
Electric Motors	Drive motor (KB 60 min)	kw	0.6	0.6	0.6	0.6	0.6
	Lift motor (15% ED) (Power pack)	kw	2	2	2	2	2
Speed Control	Type		Electronic	Electronic	Electronic	Electronic	Electronic
Operating Pressure	For attachments	bar	140	140	140	140	140
Oil Quantity	For attachments	l/min	6	6	6	6	6

- (a) Side shift not included
- (b) Optional other battery capacities available
- (c) Where a lighter battery than the one specified is used it will be necessary to add an appropriate amount of ballast weight to compensate for the difference in weight, to make sure the loading on the rear axle is observed.

The manufacturer reserves the right to change the specification of products at any time.

Mast	h3 lift height	h1 closed height	h2 free lift	h4 raised height
Simplex	1500mm	2055mm	1055mm	2550mm
Duplex	2100mm	1730mm	200mm	3150mm
Duplex	2750mm	2055mm	200mm	3800mm
Duplex	3300mm	2330mm	200mm	4350mm
Triplex	3300mm	1750mm	1130mm	4350mm



Heavy Duty Counterbalance Mobile Cranes....

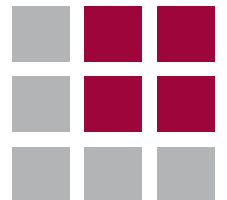
...King - the monarch of pedestrian cranes



Wilmat Limited has created the King range of heavy duty counterbalance mobile cranes with the operator specifically in mind. The King pedestrian power driven crane can pick up and position heavy items of work and machinery and place them with precision, giving the operator full control.

Like the Bulldog truck, the King Crane has been designed and manufactured for greater manoeuvrability in the tightest of spaces. The crane is fitted with a powered lift mechanism as well as a hydraulic hand pump which enables the operator to position the load with precision.

The King Crane has a lifting capacity ranging from 500kg up to 1000kg and comes with a heavy duty battery, built in charger and battery state/hour meter as standard. Again the safety of the operator is top priority with Wilmat's designers and all cranes are tested to a 50% overload and conform to BS 13000:2004 standards.



Model	PDCB500	PDCB750	PDCB1000
L2 – Chassis Length	1400	1400	1700
Capacity	500, 375, 250Kg	750, 540, 410Kg	1000, 750, 610Kg
Reach	657, 1000, 1318mm	657, 1000, 1318mm	657, 1000, 1318mm
Lift Height	2310mm	2310mm	2310mm

With over 40 years' experience, Wilmat not only gives its clients a range of materials handling products to suit all operations, it also offers a highly recommended bespoke design service. Using the latest 3D AutoCAD system, Wilmat's design team can help you create the handling truck that will best suit your needs.

Wilmat Group

Wilmat Limited designs and manufactures bespoke, pedestrian-operated materials handling equipment for clients across a wide range of sectors. Clients use its consultancy service to find cost effective solutions to their materials handling problems. All bespoke products are manufactured in the UK at Wilmat's factory in Birmingham. Products include tow tractors, scissor lift tables, stackers, pallet trucks, forklifts, prime movers, cranes, mould / die handlers, platform trucks.