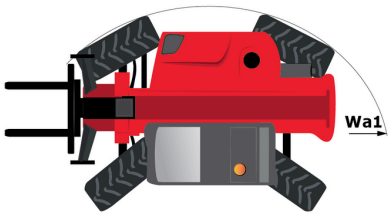
English | Construction telehandlers | MT

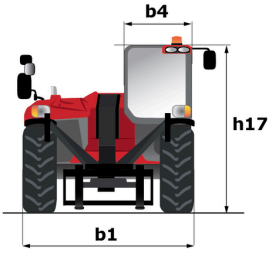
MT 1840 HA

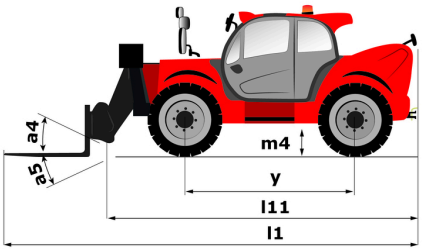
MACHINE BOOK

MANITOU
HANDLING YOUR WORLD

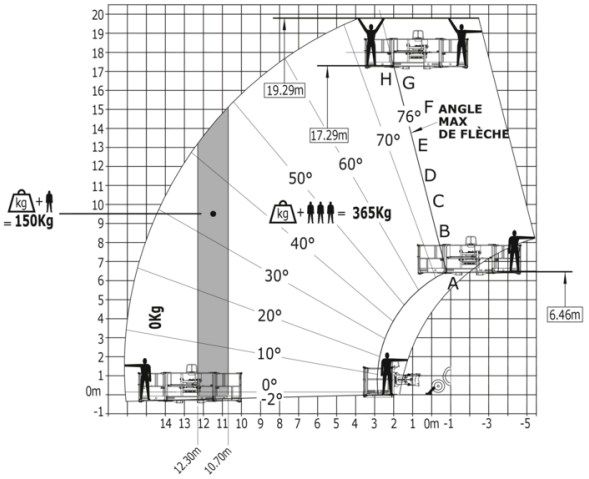
Capacities		Metric
Max. capacity	Q	4000 kg
Max. lifting height		17.55 m
Max. outreach		13.08 m
Breakout force with bucket		8390 daN
Weight and dimensions		
Overall length to carriage	l11	6.15 m
Length to face of forks	l2	6.27 m
Overall width	b1	2.36 m
Overall height	h17	2.45 m
Wheelbase	y	3.07 m
Ground clearance	m4	0.37 m
Overall cab width	b4	0.89 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	114 °
External turning radius (over tyres)	Wa1	3.94 m
Unladen weight (with forks)		11970 kg
Unladen weight (with man basket)		12630 kg
Tires type		Inflatable
Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm x 50 mm
Performances		
Lifting		14 s
Lowering		14 s
Extension		19 s
Retraction		15 s
Crowd		4 s
Dump		5 s
Engine		
Engine brand		Deutz
Engine norm		Stage V
Engine model		TCD 3.6
Number of cylinders / Capacity of cylinders		4 - 3621 cm³
Engine power (Hp/kW)		100 Hp / 75 kW
Max. torque / Engine rotation		410 Nm @ 1600 rpm
Drawbar pull (Laden)		7350 daN
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		3 / 3
Max. travel speed		25.60 km/h
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs on front & rear axles
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		167 l/min-265 bar
Tank capacities		
Engine oil		10 l
Hydraulic oil		135 l
Diesel Exhaust fluid (AdBlue® type) tank capacity		22.60 l
Fuel tank capacity		140 l
Noise and vibration		
Noise at driving position (LpA)		79 dB
Noise to environment (LwA)		106 dB
Vibration on hands/arms		< 2.50 m/s²
Compatible platform		
Platform capacity	Q	1000 kg
Platform dimensions (length x width)	lp / ep	5000 mm x 1200 mm
Platform weight*		1030 kg
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM





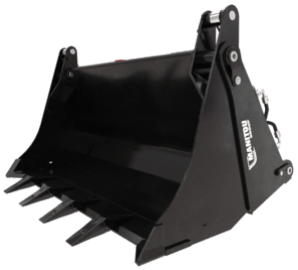


Machine on stabilisers with Man basket Metric



BUCKETS

Bucket 4 in 1



Bucket 4 in 1 - CB4x1 850L / 2300

Reference number	Distance to center of gravity	Capacity	Heaped capacity	Struck capacity	Overall weight
751401	374 mm	1783 kg	849 l	628 l	682 kg
Overall height	**Overall length**	**Width**			
890 mm	1107 mm	2300 mm			

Mandatory machine equipment:

Bucket 4 in 1 - CB4x1 900L / 2450

Reference number	Distance to center of gravity	Capacity	Heaped capacity	Struck capacity	Overall weight
751465	380 mm	1888 kg	899 l	672 l	714 kg
Overall height	**Overall length**	**Width**			
890 mm	1110 mm	2450 mm			

Mandatory machine equipment:

BUCKETS

Construction Bucket

Construction Bucket - CBC 700L / 1950

Reference number	Distance to center of gravity	Capacity	Heaped capacity	Struck capacity	Overall weight
654472	360 mm	1461 kg	696 l	574 l	330 kg
Overall height	**Overall length**	**Width**			
810 mm	1048 mm	1950 mm			

Mandatory machine equipment:

Construction Bucket - CBC 800L / 2250

Reference number	Distance to center of gravity	Capacity	Heaped capacity	Struck capacity	Overall weight
654471	355 mm	1709 kg	814 l	666 l	366 kg
Overall height	**Overall length**	**Width**			
810 mm	1026 mm	2250 mm			

Mandatory machine equipment:

Construction Bucket - CBC 900L / 2450

Reference number	Distance to center of gravity	Capacity	Heaped capacity	Struck capacity	Overall weight
654470	365 mm	1875 kg	893 l	728 l	391 kg
Overall height	**Overall length**	**Width**			
810 mm	1026 mm	2450 mm			

Mandatory machine equipment: ✕

BUCKETS

General Purpose Bucket

General Purpose Bucket - CBR 900 / 2250

Reference number	Reference number E-RECO	Capacity	Heaped capacity	Struck capacity	Overall weight
653749	921281	1898 kg	904 l	736 l	360 kg
Overall height	**Overall length**	**Width**			
775 mm	815 mm	2250 mm			

Mandatory machine equipment: ✕

General Purpose Bucket - CBR 1000 / 2450

Reference number	Reference number with bolted wearplate (WP)	Capacity	Heaped capacity	Struck capacity	Overall weight
654716	52000370	2079 kg	990 l	804 l	381 kg
Overall height	**Overall length**	**Width**			
775 mm	815 mm	2450 mm			

Mandatory machine equipment: ✕

BUCKETS

General Purpose Bucket Essential

General Purpose Bucket Essential - BGP 1850 / 750 Essential

Reference number	Distance to center of gravity	Capacity	Heaped capacity	Struck capacity	Overall weight
52690766	422 mm	1550 kg	738 l	574 l	326 kg
Overall height	**Overall length**	**Width**	**Depth**		
786 mm	975 mm	1850 mm	817 mm		

Mandatory machine equipment: ✕

General Purpose Bucket Essential - BGP 2000 / 800 Essential

Reference number	Distance to center of gravity	Capacity	Heaped capacity	Struck capacity	Overall weight
52688160	425 mm	1684 kg	802 l	622 l	345 kg
Overall height	**Overall length**	**Width**	**Depth**		
786 mm	925 mm	2000 mm	817 mm		

Mandatory machine equipment: ✕

General Purpose Bucket Essential - BGP 2300 / 900 Essential

Reference number	Distance to center of gravity	Capacity	Heaped capacity	Struck capacity	Overall weight
52690756	429 mm	1955 kg	931 l	718 l	379 kg
Overall height	**Overall length**	**Width**	**Depth**		
786 mm	975 mm	2300 mm	817 mm		

Mandatory machine equipment: ✕

General Purpose Bucket Essential - BGP 2450 / 1000 Essential

Reference number	Distance to center of gravity	Capacity	Heaped capacity	Struck capacity	Overall weight
52658055	434 mm	2089 kg	995 l	766 l	397 kg
Overall height	**Overall length**	**Width**	**Depth**		
786 mm	925 mm	2450 mm	817 mm		

Mandatory machine equipment: ✕

ON FORK HANDLING SOLUTIONS

Carriage Floating Load Backrest And Forks (MT - MLT)

Carriage Floating Load Backrest And Forks (MT - MLT) - CAF 1040 / 4100 LB

Reference number	Distance to center of gravity	Capacity	Overall weight	Overall height	Overall length
52866338	271 mm	4100 kg	335 kg	1036 mm	1514 mm
Width					
1160 mm					

Mandatory machine equipment: ✕

Carriage Floating Load Backrest And Forks (MT - MLT) - CAF 1300 / 4100 LB

Reference number	Distance to center of gravity	Capacity	Overall weight	Overall height	Overall length
52866340	271 mm	4100 kg	363 kg	1036 mm	1514 mm

Width
1420 mm

Mandatory machine equipment: ✕

ON FORK HANDLING SOLUTIONS

Tilting Forks Carriage

Tilting Forks Carriage - PFB 45N 1260

Reference number	Capacity	Overall weight	Width
654407	4500 kg	198 kg	1286 mm

Mandatory machine equipment: ✕

Tilting Forks Carriage - PFB 45N 1670

Reference number	Capacity	Overall weight	Width
653747	4500 kg	252 kg	1696 mm

Mandatory machine equipment: ✕

Tilting Forks Carriage - PFB 45N 2000

Reference number	Capacity	Overall weight	Width
653748	4500 kg	295 kg	2026 mm

Mandatory machine equipment: ✕

ON FORK HANDLING SOLUTIONS

Tilting Forks Carriage With Load Backrest (MLT - MT)

Tilting Forks Carriage With Load Backrest (MLT - MT) - PFB 45N 1670 LB

Capacity	Overall weight	Overall height	Width
4500 kg	310 kg	1209 mm	1810 mm

Mandatory machine equipment: ✕

JIBS

2-Hook Jib

2-Hook Jib - P 4000

Reference number	Reference number E-RECO	Distance to center of gravity	Capacity	Capacity 2	Overall weight
653226	921321	785 mm	4000 kg	1200 kg	210 kg
Max. outreach	**Maximum outreach 2**	**Overall length**	**Width**		
708 mm	2708 mm	2838 mm	830 mm		

Mandatory machine equipment: ✕

JIBS

Big Bag Handler

Big Bag Handler - HBB 1500 / 2400

Reference number	Reference number E-RECO	Skid Steer Carriage reference	4 point Carriage	Euro Carriage	Distance to center of gravity
52781808	931627	52578030	52742058	52742059	388 mm
Capacity	**Overall weight**	**Overall height**	**Overall length**	**Forks spread**	**Width**
2400 kg	186 kg	1322 mm	1643 mm	750 mm	1356 mm

Mandatory machine equipment: ✕

JIBS

Extensible Jib

Extensible Jib - JE 6000 / 600

Reference number	Distance to center of gravity	Capacity	Capacity 2	Capacity 3	Overall weight
939995	1516 mm	600 kg	300 kg	100 kg	265 kg
Max. outreach	**Maximum outreach 2**	**Maximum outreach 3**	**Overall length**	**Width**	
3895 mm	4845 mm	5845 mm	4347 mm	815 mm	

Mandatory machine equipment: ✕

JIBS

Extension Jib

Extension Jib - P 600

Reference number	Reference number E-RECO	Capacity	Overall weight	Max. outreach	Overall height
653228	921316	600 kg	210 kg	3746 mm	990 mm
Overall length	Width				
3947 mm	830 mm				

Mandatory machine equipment: ✕

JIBS

Frame Mounted Hook

Frame Mounted Hook - PC 50

Reference number	Reference number E-RECO	Distance to center of gravity	Capacity	Overall weight	Max. outreach
708544	921335	166 mm	5000 kg	115 kg	470 mm
Overall height	Overall length	Width			
500 mm	606 mm	815 mm			

Mandatory machine equipment: ✕

JIBS

Swing Jib

Swing Jib - PO 600 / 2500

Reference number	Distance to center of gravity	Capacity	Overall weight	Max. outreach	Overall height
784641	720 mm	600 kg	320 kg	2500 mm	842 mm
Overall length	Width				
2874 mm	830 mm				

Mandatory machine equipment:

Swing Jib - PO 2000 / 1000

Reference number	Distance to center of gravity	Capacity	Overall weight	Max. outreach	Overall height
784643	243 mm	2000 kg	255 kg	1000 mm	842 mm
Overall length	Width				
1374 mm	830 mm				

Mandatory machine equipment:

PLATFORM

Extensible Platform

Extensible Platform - P 6000 / 365 S EXT D

Reference number	Capacity including people	Number of people	Distance to center of gravity	Overall weight	Overall height
52869494	365 kg	3	1250 mm	1090 kg	1307 mm
Overall length	**Width minimum**	**Width maximum**	**Depth**		
2293 mm	2451 mm	5999 mm	1120 mm		

Mandatory machine equipment: +

PLATFORM

Fast Opening Platform

Fast Opening Platform - P 4400 / 365 S EXT D

Reference number	Capacity including people	Number of people	Distance to center of gravity	Overall weight	Overall height
52869498	365 kg	3	1297 mm	670 kg	1300 mm
Overall length	**Width minimum**	**Width maximum**	**Depth**		
2430 mm	2282 mm	4838 mm	1150 mm		

Mandatory machine equipment: +

Fast Opening Platform - P 4400 / 365 S EXT DD

Reference number	Capacity including people	Number of people	Distance to center of gravity	Overall weight	Overall height
52869501	365 kg	3	1187 mm	690 kg	1312 mm
Overall length	**Width minimum**	**Width maximum**	**Depth**		
2261 mm	2282 mm	4348 mm	1150 mm		

Mandatory machine equipment: +

Fast Opening Platform - P 4400 / 700 S EXT D

Reference number	Capacity including people	Number of people	Distance to center of gravity	Overall weight	Overall height
52869500	700 kg	3	1187 mm	1030 kg	1312 mm
Overall length	**Width minimum**	**Width maximum**	**Depth**		
2261 mm	2282 mm	4387 mm	1150 mm		

Mandatory machine equipment: +

Fast Opening Platform - P 4400 / 850 S EXT D

Reference number	Capacity including people	Number of people	Distance to center of gravity	Overall weight	Overall height
52915865	850 kg	3	1187 mm	1030 kg	1312 mm
Overall length	**Width minimum**	**Width maximum**	**Depth**		
2335 mm	2282 mm	4387 mm	1150 mm		

Mandatory machine equipment: +

PLATFORM

Platform

Platform - P 2200 / 365 FX

Reference number	Capacity including people	Number of people	Distance to center of gravity	Overall weight	Overall height
52869493	365 kg	3	700 mm	404 kg	1292 mm
Overall length	**Width**	**Depth**			
1812 mm	2190 mm	1150 mm			

Mandatory machine equipment: +

PLATFORM

Roofer Platform

Roofer Platform - PR 3700 / 365 S EXT

Reference number	Capacity including people	Number of people	Distance to center of gravity	Overall weight	Overall height
52869496	365 kg	3	1493 mm	1310 kg	1614 mm
Overall length	**Width minimum**	**Width maximum**	**Depth**		
2920 mm	2420 mm	3682 mm	1260 mm		

Mandatory machine equipment: +

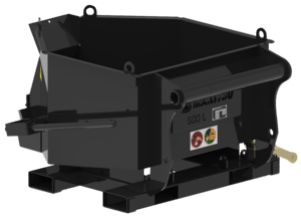
Roofer Platform - PR 3700 / 800 S EXT

Reference number	Capacity including people	Number of people	Distance to center of gravity	Overall weight	Overall height
52915867	800 kg	3	1300 mm	1020 kg	1614 mm
Overall length	**Width minimum**	**Width maximum**	**Depth**		
2605 mm	2420 mm	3682 mm	1218 mm		

Mandatory machine equipment: +

SKIP

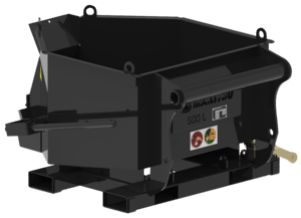
Concrete Skip



Concrete Skip - BB 500

Reference number	Distance to center of gravity	Capacity	Heaped capacity	Overall weight	Overall height
52000637	556 mm	1200 kg	500 l	191 kg	776 mm
Overall length	**Width**				
1466 mm	1216 mm				

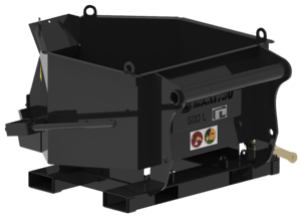
Mandatory machine equipment:



Concrete Skip - BBG 500

Reference number	Distance to center of gravity	Capacity	Heaped capacity	Overall weight	Overall height
52000639	598 mm	1200 kg	500 l	201 kg	776 mm
Overall length	**Width**				
1466 mm	1220 mm				

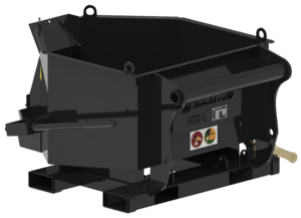
Mandatory machine equipment:



Concrete Skip - BBH 500

Reference number	Distance to center of gravity	Capacity	Heaped capacity	Overall weight	Overall height
52000638	578 mm	1200 kg	500 l	200 kg	776 mm
Overall length	**Width**				
1466 mm	1110 mm				

Mandatory machine equipment:



Concrete Skip - BBHG 500

Reference number	Distance to center of gravity	Capacity	Heaped capacity	Overall weight	Overall height
52000640	618 mm	1200 kg	500 l	210 kg	776 mm
Overall length	**Width**				
1466 mm	1110 mm				

Mandatory machine equipment:

SKIP

Crane Skip

Crane Skip - GL 600

Reference number	Reference number E-RECO	Distance to center of gravity	Capacity	Heaped capacity	Overall weight
52000528	52000528	465 mm	1440 kg	600 l	227 kg
Overall height	**Overall length**	**Width**			
1197 mm	995 mm	1361 mm			

Mandatory machine equipment: ✕

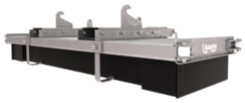
Crane Skip - GL 600 H

Reference number	Reference number E-RECO	Distance to center of gravity	Capacity	Heaped capacity	Overall weight
52000529	52553617	443 mm	1440 kg	600 l	245 kg
Overall height	**Overall length**	**Width**			
1197 mm	995 mm	1326 mm			

Mandatory machine equipment:

SWEEPER & CLEANER

Push broom



Push broom - SCPB 2500

Reference number	Overall weight	Overall height	Overall length	Width
52804221	215 kg	490 mm	1040 mm	2490 mm

Mandatory machine equipment: ✕

WINCH RANGE

Hydraulic Winch

Hydraulic Winch - Winch 3T

Reference number	Reference number E-RECO	Distance to center of gravity	Working height	Capacity	Overall weight
885236	921337	320 mm	24 m	3000 kg	310 kg
Max. outreach	**Overall height**	**Overall length**	**Cable**	**Width**	**Depth**
519 mm	1869 mm	900 mm	1 loop	1080 mm	763 mm

Mandatory machine equipment: +

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