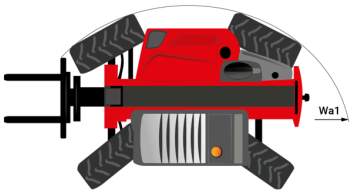
English | Construction telehandlers | MT

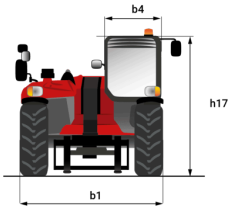
# MT 1335 100D ST5

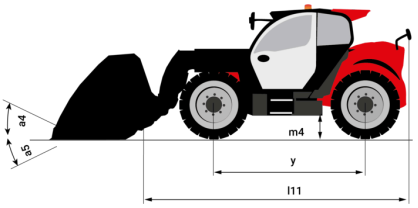
## MACHINE BOOK

MANITOU
HANDLING YOUR WORLD

| Capacities | | Metric |
|---|---|---|
| Max. capacity | Q | 3500 kg |
| Max. lifting height | | 12.60 m |
| Max. outreach | | 8.65 m |
| Breakout force with bucket | | 7400 daN |
| **Weight and dimensions** | | |
| Overall length to carriage | l11 | 5.72 m |
| Length to face of forks | l2 | 5.72 m |
| Overall length (with forks) | l1 | 6.92 m |
| Overall width | b1 | 2.28 m |
| Overall height | h17 | 2.48 m |
| Wheelbase | y | 2.80 m |
| Ground clearance | m4 | 0.42 m |
| Overall cab width | b4 | 0.95 m |
| Tilt-up angle | a4 | 13 ° |
| Tilt-down angle | a5 | 114 ° |
| External turning radius | Wa3 | 3.78 m |
| External turning radius (over tyres) | Wa1 | 3.78 m |
| Unladen weight (with forks) | | 9470 kg |
| Overall weight | | 9470 kg |
| Tires type | | Inflatable |
| Standard tires | | Alliance 400/80 - 24 - 162A8 |
| Forks length / width / section | l / e / s | 1200 mm x 100 mm x 50 mm |
| **Performances** | | |
| Lifting | | 10.30 s |
| Lowering | | 9.60 s |
| Extension | | 14.70 s |
| Retraction | | 9.90 s |
| Crowd | | 3.20 s |
| Dump | | 3.80 s |
| **Engine** | | |
| Engine brand | | Deutz |
| Engine norm | | Stage V |
| Engine model | | TCD 3.6L |
| Number of cylinders / Capacity of cylinders | | 4 - 3621 cm³ |
| Engine power (Hp/kW) | | 100 Hp / 74.40 kW |
| Max. torque / Engine rotation | | 410 Nm @ 1600 rpm |
| Drawbar pull (Laden) | | 9700 daN |
| HVO validated (according to EN 15940 standard) | | Yes |
| **Electric circuit** | | |
| 12V Battery capacity | | 110 Ah |
| **Transmission** | | |
| Transmission type | | Torque converter |
| Number of gears (forward / reverse) | | 2 / 2 |
| Max. travel speed | | 24.90 km/h |
| Parking brake | | Mechanical foot-operated parking brake |
| Service brake | | Hydraulic servo brake |
| **Hydraulics** | | |
| Hydraulic pump type | | Axial piston |
| Hydraulic flow / Pressure | | 133 l/min-260 bar |
| **Tank capacities** | | |
| Engine oil | | 8.50 l |
| Hydraulic oil | | 153 l |
| Fuel tank capacity | | 137 l |
| **Noise and vibration** | | |
| Noise at driving position (LpA) | | 77 dB |
| Noise to environment (LwA) | | 104 dB |
| Vibration on hands/arms | | < 2.50 m/s² |
| **Miscellaneous** | | |
| Steering wheels (front / rear) | | 2 / 2 |
| Drive wheels (front / rear) | | 2 / 2 |
| Safety / Cab certification | | Standard EN 15000 / Cabin ROPS - FOPS level 2 |
| Controls | | JSM |

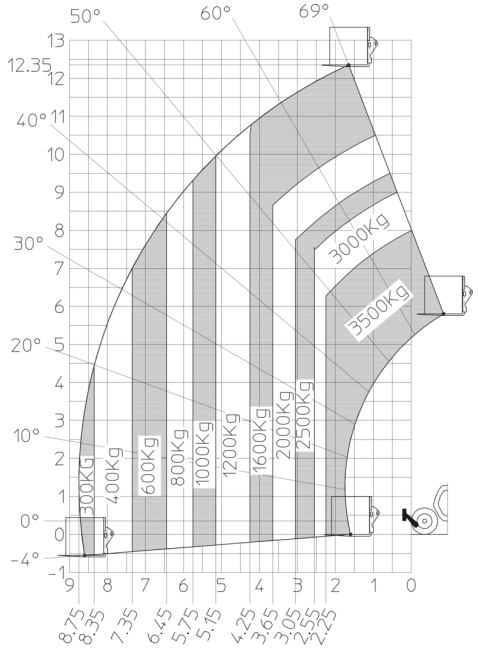


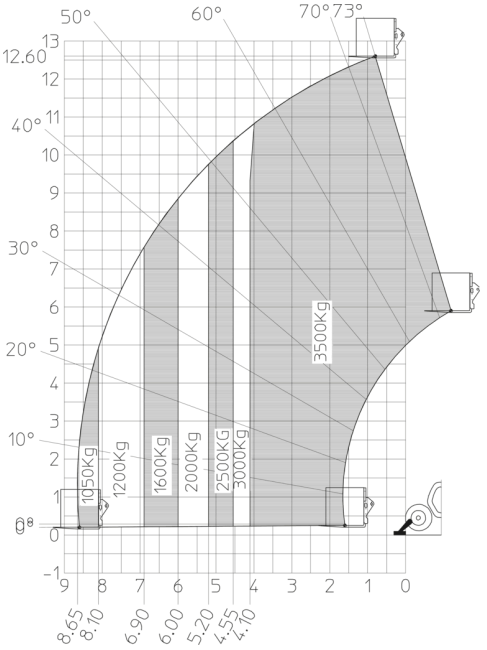






Machine on tires with forks Metric




Machine on lowered stabilisers with forks Metric



BUCKETS

# Big Bag Filling Bucket

## Big Bag Filling Bucket - BBF 1200 / 600

| Reference number | Heaped capacity | Overall weight | Overall height | Overall length | Width |
|---|---|---|---|---|---|
| 52676645 | 600 l | 455 kg | 685 mm | 1549 mm | 1200 mm |

**Mandatory machine equipment:**

## Big Bag Filling Bucket - BBF 1400 / 1100

| Reference number | Heaped capacity | Overall weight | Overall height | Overall length | Width |
|---|---|---|---|---|---|
| 52614700 | 1120 l | 610 kg | 923 mm | 1723 mm | 1400 mm |

**Mandatory machine equipment:**

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

## Concrete Mixing Bucket

### Concrete Mixing Bucket - BMC 500

| Reference number | Capacity | Overall weight | Overall height | Width | Depth |
|---|---|---|---|---|---|
| 52728343 | 500 kg | 770 kg | 1050 mm | 1950 mm | 1050 mm |

**Mandatory machine equipment:** + 

BUCKETS

## Construction Bucket

### 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 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

## Floating Fork Carriage With Side Shift (MT)

### Floating Fork Carriage With Side Shift (MT) - TFF 35 DL 1040

| Capacity | Width |
|---|---|
| 3500 kg | 1040 mm |

**Mandatory machine equipment:**

ON FORK HANDLING SOLUTIONS

## Hydraulic Floating Fork Positioner

### Hydraulic Floating Fork Positioner - CAF 1260 / 4500 P

| Distance to center of gravity | Capacity | Overall weight | Overall height | Overall length | Forks section X Forks width X Forks length |
|---|---|---|---|---|---|
| 305 mm | 4500 kg | 350 kg | 1184 mm | 1532 mm | 50 mm X 100 mm X 1200 mm |

| Width |
|---|
| 1303 mm |

**Mandatory machine equipment:**

ON FORK HANDLING SOLUTIONS

# Tilting Forks Carriage

## Tilting Forks Carriage - PFB 35N 1260

| Reference number | Capacity | Overall weight | Width |
|---|---|---|---|
| 653744 | 3500 kg | 93 kg | 1302 mm |

**Mandatory machine equipment:** ✕

## Tilting Forks Carriage - PFB 35N 1470

| Reference number | Capacity | Overall weight | Width |
|---|---|---|---|
| 653745 | 3500 kg | 117 kg | 1512 mm |

**Mandatory machine equipment:** ✕

## Tilting Forks Carriage - PFB 35N 1580

| Reference number | Capacity | Overall weight | Width |
|---|---|---|---|
| 653746 | 3500 kg | 122 kg | 1622 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 35N 1260 LB

| Capacity | Overall weight | Overall height | Width |
|---|---|---|---|
| 3500 kg | 130 kg | 1185 mm | 1284 mm |

**Mandatory machine equipment:** ✕

### Tilting Forks Carriage With Load Backrest (MLT - MT) - PFB 35N 1470 LB

| Capacity | Overall weight | Overall height | Width |
|---|---|---|---|
| 3500 kg | 158 kg | 1185 mm | 1494 mm |

**Mandatory machine equipment:** ✕

ON FORK HANDLING SOLUTIONS

## Tilting Forks Carriage With Side Shift (MLT - MT)

### Tilting Forks Carriage With Side Shift (MLT - MT) - PFB 35N 1260 SS

| Capacity | Overall weight | Overall height | Width |
|---|---|---|---|
| 3500 kg | 175 kg | 658 mm | 1260 mm |

**Mandatory machine equipment:**

### Tilting Forks Carriage With Side Shift (MLT - MT) - PFB 35N 1580 SS

| Capacity | Overall weight | Overall height | Width |
|---|---|---|---|
| 3500 kg | 300 kg | 658 mm | 1580 mm |

**Mandatory machine equipment:**

ON FORK HANDLING SOLUTIONS

## Tilting Forks Carriage With Side Shift - Load Backrest (MLT - MT)

### Tilting Forks Carriage With Side Shift - Load Backrest (MLT - MT) - PFB 35N 1260 SS LB

| Capacity | Overall weight | Overall height | Width |
|---|---|---|---|
| 3500 kg | 210 kg | 1229 mm | 1284 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 1000 / 1500

| Reference number | Distance to center of gravity | Capacity | Overall weight | Max. outreach | Overall height |
|---|---|---|---|---|---|
| 784642 | 450 mm | 1000 kg | 275 kg | 1500 mm | 1056 mm |
| **Overall length** | **Width** | | | | |
| 1874 mm | 830 mm | | | | |

**Mandatory machine equipment:**

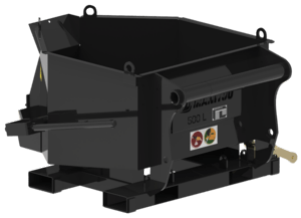
## Swing Jib - PO 2000 / 1000

| 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:**

SKIP

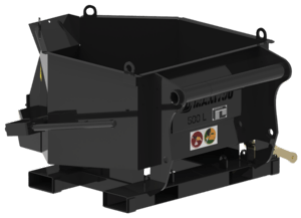
# Concrete Skip



## 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 | | | | |

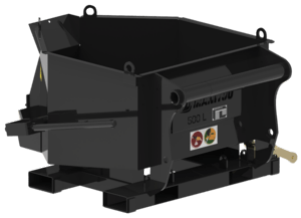
**Mandatory machine equipment:** ✕



## 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 | | | | |

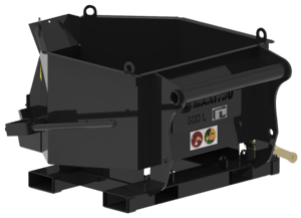
**Mandatory machine equipment:** ✕



## 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:** ✕

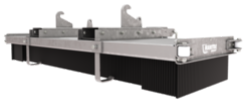
### Crane Skip - GL 600 H

| 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:** ✕

SWEEPER & CLEANER

## Sweeper 2 in 1

### Sweeper 2 in 1 - SCC 2600

| Reference number | Overall weight | Overall height | Overall length | Width |
|---|---|---|---|---|
| 52000515 | 755 kg | 950 mm | 2140 mm | 2820 mm |

**Mandatory machine equipment:**

## Sweeper 2 in 1 - SCC 2600 +

| Reference number | Reference number E-RECO | Overall weight | Overall height | Overall length | Width |
|---|---|---|---|---|---|
| 52000517 | 52000517 | 730 kg | 950 mm | 2170 mm | 2820 mm |

**Mandatory machine equipment:**

## Sweeper 2 in 1 - SCC 2600 HWA +

| Reference number | Overall weight | Overall height | Overall length | Width |
|---|---|---|---|---|
| 52000519 | 800 kg | 1550 mm | 2170 mm | 2820 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:** +

MISCELLANEOUS ATTACHMENTS

# Material Basket

## Material Basket - MB 2000 / 1000

| Reference number | Distance to center of gravity | Capacity | Overall weight | Overall height | Overall length |
|---|---|---|---|---|---|
| 52596600 | 694 mm | 1000 kg | 400 kg | 1215 mm | 1632 mm |
| **Width** | **Depth** | | | | |
| 2056 mm | 1120 mm | | | | |

**Mandatory machine equipment:**

**Head Office**
B.P. 249 - 430 rue de l'Aubinière
44150 Ancenis Cedex - France
Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97
www.manitou.com

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