Technical sheet :

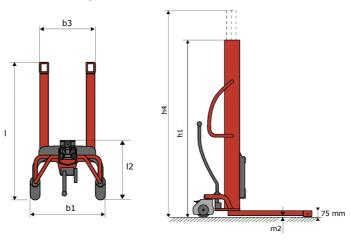
## **KLEOS HM 500 D18**





| 1.1ManufacturerManufacturer1.2Model NameHM 500 D181.3Power sourceHM 500 D181.4Operator typePedestrian1.5Max. capacityQ500 kg1.6Load center of gravityc250 mm2.1Overall weight without tools178 kgWeightMaxies2x (75 k5)3.1Tires type2x (75 k5)3.2Dimensions of rear wheels2x (75 k5)3.3Dimensions of rear wheels2x (75 k5)4.2Mast extended heighth11600 mm4.19Overall length111300 mm4.20Length of face of forks12575 mm4.21Overall widthb17710 mm4.22Ground clearance at center of wheelbasem235 mm4.23Ground clearance at center of wheelbasem235 mm4.24Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s0.10 m/s / 0.10 m/s   |      | Technical characteristics               |    | Metric              |
|---|------|---|----|---------------------|
| 1.3Power sourceManual1.4Operator typePedestrian1.5Max. capacityQ500 kg1.6Load center of gravityc250 mmVeightc250 mmOverall wight without toolsC250 mmOverall wight without toolsC250 mmOverall wight without toolsC250 mmSume sions of front wheelsC778 kgOther source2x (75x65)Other source100   | 1.1  | Manufacturer                            |    | Manitou             |
| 1.4Operator typePedestrian1.5Max. capacityQ500 kg1.6Load center of gravityc250 mmVeightc250 mm100 kg2.1Overall weight without tools100 kg100 kg3.1Tires type100 kg2x (75x65)3.3Dimensions of front wheels2x (75x65)2x (75x65)3.3Dimensions of rear wheels100 kg2x (150x50)4.2Mast lowered heighth11600 mm4.2Mast extended height111300 mm4.19Overall length111300 mm4.21Overall widh12575 mm4.22Ground clearance at centre of wheelbase125519 mm4.23Ground clearance at centre of wheelbasem2355 mm5.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s / 0.10 m/s10   | 1.2  | Model Name                              |    | HM 500 D18          |
| InstructQ500 kg1.6Load center of gravityc250 mmWeightc250 mm2.1Overall weight without tools178 kgWheelsCNylon3.1Tires type2x (75x 65)3.3Dimensions of front wheels2x (75x 65)3.3Dimensions of rear wheels2x (75x 65)0Dimensions of rear wheels2x (75x 65)4.2Mast lowered heighth14.5Mast extended heighth44.19Overall length114.20Length to face of forks124.21Overall widthb14.22Fork spreadb54.32Ground clearance at centre of wheelbasem25.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s   | 1.3  | Power source                            |    | Manual              |
| 1.6Load center of gravityc250 mmWeightWeight1000000000000000000000000000000000000   | 1.4  | Operator type                           |    | Pedestrian          |
| WeightWeightImage: Comparison of the sympt of the          | 1.5  | Max. capacity                           | Q  | 500 kg              |
| 2.1Overall weight without tools178 kgWheelsNylon3.1Tires typeNylon3.2Dimensions of front wheels2x (75x65)3.3Dimensions of rear wheels2x (75x65)3.3Dimensions of rear wheels2x (150x50)Dimensions of rear wheels14.2Mast lowered heighth14.19Overall length114.20Length to face of forks124.21Overall width114.22Fork spread55.2Lifting speed (laden / unladen)m25.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s   | 1.6  | Load center of gravity                  | С  | 250 mm              |
| WheelsImage: Second |      | Weight                                  |    |                     |
| 3.1Tires typeNylon3.2Dimensions of front wheels2x (75x65)3.3Dimensions of rear wheels2x (150x50)Dimensions4.2Mast lowered heighth14.5Mast extended heighth44.19Overall length114.20Length to face of forks124.21Overall widthb14.22Fork spreadb54.32Ground clearance at centre of wheelbasem25.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s  | 2.1  | Overall weight without tools            |    | 178 kg              |
| 3.2Dimensions of front wheels2x (75x 65)3.3Dimensions of rear wheels2x (150x 50)Dimensions4.2Mast lowered heighth14.5Mast extended heighth44.19Overall length114.20Length to face of forks124.21Overall widthb14.25Fork spreadb54.32Ground clearance at centre of wheelbasem25.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s  |      | Wheels                                  |    |                     |
| 3.3Dimensions of rear wheels2x (150x50)Dimensions2x2x (150x50)4.2Mast lowered heighth11600 mm4.5Mast extended heighth41780 mm4.19Overall length111300 mm4.20Length to face of forks12575 mm4.21Overall widthb1710 mm4.25Fork spreadb5519 mm4.32Ground clearance at centre of wheelbasem235 mm5.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s10 m/s / 0.10 m/s   | 3.1  | Tires type                              |    | Nylon               |
| Dimensions4.2Mast lowered heighth11600 mm4.5Mast extended heighth41780 mm4.19Overall length111300 mm4.20Length to face of forks12575 mm4.21Overall widthb1710 mm4.25Fork spreadb5519 mm4.32Ground clearance at centre of wheelbasem235 mm5.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s0.10 m/s / 0.10 m/s   | 3.2  | Dimensions of front wheels              |    | 2x (75x65)          |
| 4.2Mast lowered heighth11600 mm4.5Mast extended heighth41780 mm4.19Overall length111300 mm4.20Length to face of forks12575 mm4.21Overall widthb1710 mm4.25Fork spreadb5519 mm4.32Ground clearance at centre of wheelbasem235 mm5.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s0.10 m/s / 0.10 m/s   | 3.3  | Dimensions of rear wheels               |    | 2x (150x50)         |
| A.5Mast extend heighth41780 mm4.19Overall length111300 mm4.20Length to face of forks12575 mm4.21Overall widthb1710 mm4.25Fork spreadb5519 mm4.32Ground clearance at centre of wheelbasem235 mm4.32Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s0.10 m/s / 0.10 m/s   |      | Dimensions                              |    |                     |
| 4.19Overall length111300 mm4.20Length to face of forks12575 mm4.21Overall widthb1710 mm4.25Fork spreadb5519 mm4.32Ground clearance at centre of wheelbasem235 mm4.32Performances0.10 m/s / 0.10 m/s   | 4.2  | Mast lowered height                     | h1 | 1600 mm             |
| 4.20Length to face of forks12575 mm4.21Overall widthb1710 mm4.25Fork spreadb5519 mm4.32Ground clearance at centre of wheelbasem235 mm4.32Performancesm20.10 m/s / 0.10 m/s5.2Lifting speed (laden / unladen)of the second s   | 4.5  | Mast extended height                    | h4 | 1780 mm             |
| 4.21Overall widthb1710 mm4.25Fork spreadb5519 mm4.32Ground clearance at centre of wheelbasem235 mmPerformances5.2Lifting speed (laden / unladen)colspan="3">0.10 m/s / 0.10 m/s   | 4.19 | Overall length                          | l1 | 1300 mm             |
| 4.25Fork spreadb5519 mm4.32Ground clearance at centre of wheelbasem235 mmPerformances5.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s  | 4.20 | Length to face of forks                 | 12 | 575 mm              |
| 4.32 Ground clearance at centre of wheelbase m2 35 mm   Performances   5.2 Lifting speed (laden / unladen) 0.10 m/s / 0.10 m/s  | 4.21 | Overall width                           | b1 | 710 mm              |
| Performances   5.2 Lifting speed (laden / unladen)   0.10 m/s / 0.10 m/s  | 4.25 | Fork spread                             | b5 | 519 mm              |
| 5.2 Lifting speed (laden / unladen) 0.10 m/s / 0.10 m/s   | 4.32 | Ground clearance at centre of wheelbase | m2 | 35 mm               |
|   |      | Performances                            |    |                     |
| 5.3 Lowering speed (laden / unladen) 0.10 m/s / 0.10 m/s  | 5.2  | Lifting speed (laden / unladen)         |    | 0.10 m/s / 0.10 m/s |
|   | 5.3  | Lowering speed (laden / unladen)        |    | 0.10 m/s / 0.10 m/s |
| 5.11 Parking brake Mecanic  | 5.11 | Parking brake                           |    | Mecanic             |

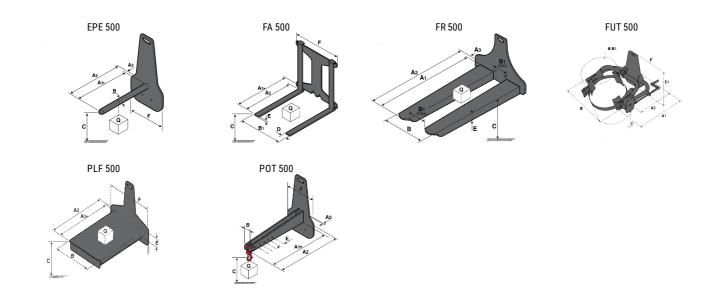
## Kleos HM 500 D18 - Dimensional drawing



## **Tool characteristics**

| Tool 500 kg | Attachment capacity | Center of gravity of load | A1   | A2   | В    | E   | 31  | С   | D  | E   | E1  | E2 | F   | Weight |
|-------------|---------------------|---------------------------|------|------|------|-----|-----|-----|----|-----|-----|----|-----|--------|
|             | kg                  | mm                        | mm   | mm   | mm   | mm  | mm  | mm  | mm | mm  | mm  | mm | mm  | kg     |
| EPE 500     | 500                 | 350                       | 700  | 715  | 50   | -   | -   | 252 | -  | -   | -   | -  | 320 | 30     |
| FA 500      | 500                 | 350                       | 700  | 745  | -    | 250 | 680 | 45  | 60 | 30  | -   | -  | 720 | 54     |
| FR 500      | 500                 | 600                       | 1150 | 1177 | 560  | 200 | 315 | 85  | -  | 70  | -   | -  | 700 | 68     |
| FUT 500     | 300                 | 600                       | 795  | 650  | 1057 | 350 | 650 | 245 | -  | 240 | 631 | -  | -   | 92     |
| PLF 500     | 500                 | 350                       | 700  | 727  | 600  | -   | -   | 280 | -  | 91  | -   | -  | 630 | 50     |
| POT 500     | 250                 | 600                       | 625  | 652  | 50   | -   | -   | 150 | -  | -   | -   | -  | 320 | 25     |

## Tools





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