Technical sheet :

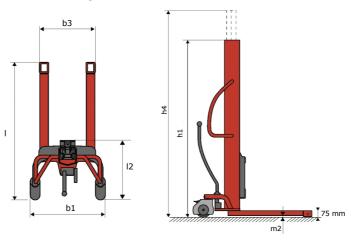
## **KLEOS HM 500 D18**





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

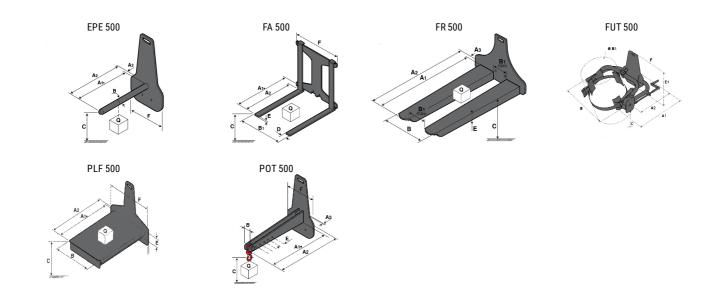
## Kleos HM 500 D18 - Dimensional drawing



## **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





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



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes