Technical sheet :

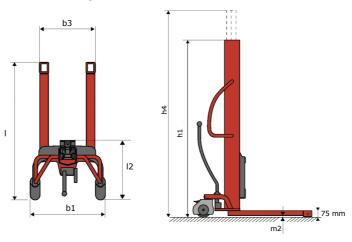
KLEOS HM 500 D18





1.1 Manufacturer Manufacturer 1.2 Model Name Kleos HM 500 D18 1.3 Power source Manual 1.4 Operator type Pedestrian 1.5 Max. capacity Q 500 kg 1.6 Load center of gravity c 250 mm Waight c 250 mm 250 mm Waight C 250 mm 250 mm 3.1 Tires type C 250 mm 260 kg 3.1 Tires type C 2x (75x65) 2x (75x65) 3.3 Dimensions of front wheels 2x (150x50) 2x (150x50) 2x (150x50) 3.3 Dimensions of rear wheels 2x (150x50)		Technical characteristics		Metric
1.3Power sourceManual1.4Operator typePedestrian1.5Max. capacityQS00 kg1.6Load center of gravityc250 mm1.6Load center of gravityc300 kg2.1Overall weight without toolsI178 kg2.1Overall weight without toolsI178 kg3.1Tires typeINylon3.2Dimensions of front wheelsI2x (75x65)3.3Dimensions of rear wheelsI2x (150x50)4.2Mast lowered heighth11600 mm4.5Mast extended heighth41780 nm4.19Overall weight with111300 mm4.20Length to face of forksI2575 nm4.21Overall widthb1710 nm4.22Forks spreadb5519 mm4.23Ground clearance at centre of wheelbasem235 mm4.22Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s0.10 m/s / 0.10 m/s	1.1	Manufacturer		Manitou
1.4Operator typePedestrian1.5Max. capacityQ500 kg1.6Load center of gravityc250 mm2.1Overall weight without toolsC250 mm2.1Overall weight without toolsC178 kg3.1Tires typeCNylon3.2Dimensions of front wheelsC2x (75x65)3.3Dimensions of rear wheelsC2x (150x50)4.2Mast extended heighth11600 mm4.5Mast extended heighth41780 mm4.19Overall length111300 mm4.20Length to face of forks12575 mm4.21Overall widthb1710 mm4.25Forks spreadb5519 mm4.26Ground clearance at center of wheelbasem235 mm4.21Overall widthb1710 mm5.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s0.10 m/s / 0.10 m/s	1.2	Model Name		Kleos HM 500 D18
1.5Max. capacityQ500 kg1.6Load center of gravityc250 mmWeight0178 kg2.1Overall weight without tools1178 kgWheels2178 kg13.1Tires type22x (75x 65)3.3Dimensions of front wheels2x (150x 50)2x (150x 50)3.4Dimensions of rear wheels11600 mm4.2Mast lowered heighth11600 mm4.5Mast extended height111300 mm4.20Length to face of forks12575 mm4.21Overall length111300 mm4.22Eord of the speed10710 mm4.23Ground clearance at centre of wheelbasem235 mm5.3Lowering speed (laden / unladen)m235 mm	1.3	Power source		Manual
1.6Load center of gravityc250 mmWeight0verall weight without tools178 kg178 kgWheels0178 kg178 kg3.1Tires type2x178 kg3.2Dimensions of front wheels2x2x3.3Dimensions of rear wheels2x2x0timensions of rear wheels02x11600 mm4.2Mast lowered heighth11600 mm4.2Mast extended heighth11300 mm4.2Longth for face of forks12575 mm4.2Overall length111300 mm4.2Spreadb1710 mm4.2Forks spreadb2519 mm4.21Overall widthb1710 mm4.22Ground clearance at centre of wheelbasem2353 mm5.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s	1.4	Operator type		Pedestrian
WeightWeight2.1Overall weight without tools178 kgWheels178 kg3.1Tires type3.2Dimensions of font wheels2x (75x65)3.3Dimensions of rear wheels2x (150x50)01100 mm4.2Mast lowered heighth14.19Overall length114.20Length to face of forks124.21Overall widthb14.22Forks spreadb14.23Ground clearance at centre of wheelbaseb55.2Lifting speed (laden / unladen)m25.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s	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 (150x50)UnensionsImage: Constraint of the second	1.6	Load center of gravity	С	250 mm
WheelsNylon3.1Tires typeNylon3.2Dimensions of front wheels2x (75x65)3.3Dimensions of rear wheels2x (150x50)Dimensions of rear wheels2x (150x50)0Dimensions114.2Mast lowered heighth11600 mm4.5Mast extended heighth41780 mm4.19Overall length111300 mm4.20Length to face of forks12575 mm4.21Overall widthb1710 mm4.25Forks 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		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 widthb14.22Forks spreadb14.32Ground clearance at centre of wheelbaseb14.32Ground clearance at centre of wheelbasem25.2Lifting speed (laden / unladen)otio m/s / 0.10 m/s5.3Lowering speed (laden / unladen)otio m/s / 0.10 m/s	2.1	Overall weight without tools		178 kg
3.2Dimensions of front wheels2x (75x65)3.3Dimensions of frear wheels2x (150x50)DimensionsImage: Constraint of the section of the secti		Wheels		
3.3Dimensions of rear wheels2x (150x50)Dimensions12x (150x50)4.2Mast lowered heighth11600 mm4.5Mast extended heighth41780 mm4.19Overall length111300 mm4.20Length to face of forks12575 mm4.21Overall widthb1710 mm4.25Forks spreadb5519 mm4.32Ground clearance at centre of wheelbasem235 mm5.2Lifting speed (laden / unladen)610.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)510.10 m/s / 0.10 m/s	3.1	Tires type		Nylon
DimensionsImage: bit space is a space is	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 mm4.25Forks spreadb5519 mm4.32Ground clearance at centre of wheelbasem235 mm5.2Lifting speed (laden / unladen)I0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)I0.10 m/s / 0.10 m/s	3.3	Dimensions of rear wheels		2x (150x50)
4.5Mast extended heighth41780 mm4.19Overall length111300 mm4.20Length to face of forks12575 mm4.21Overall widthb1710 mm4.25Forks spreadb5519 mm4.32Ground clearance at centre of wheelbasem235 mm4.32Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s		Dimensions		
4.19Overall lengthI11300 mm4.20Length to face of forksI2575 mm4.21Overall widthb1710 mm4.25Forks spreadb5519 mm4.32Ground clearance at centre of wheelbasem235 mm4.32Performancesm20.10 m/s / 0.10 m/s5.2Lifting speed (laden / unladen)I0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)I0.10 m/s / 0.10 m/s	4.2	Mast lowered height	h1	1600 mm
4.20Length to ace of forks12575 mm4.21Overall widthb1710 mm4.25Forks spreadb5519 mm4.32Ground clearance at centre of wheelbasem235 mm4.32Performancesm20.10 m/s / 0.10 m/s5.2Lifting speed (laden / unladen)o.10 m/s / 0.10 m/s0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)o.10 m/s / 0.10 m/s0.10 m/s / 0.10 m/s	4.5	Mast extended height	h4	1780 mm
4.21Overall widthb1710 mm4.25Forks spreadb5519 mm4.32Ground clearance at centre of wheelbasem235 mmPerformances5.2Lifting speed (laden / unladen)oto m/s / 0.10 m/s5.3Lowering speed (laden / unladen)oto m/s / 0.10 m/s	4.19	Overall length	l1	1300 mm
4.25Forks spreadb5519 mm4.32Ground clearance at centre of wheelbasem235 mmPerformances5.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s	4.20	Length to face of forks	12	575 mm
4.32Ground clearance at centre of wheelbasem235 mmPerformancesm20.10 m/s / 0.10 m/s5.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s	4.21	Overall width	b1	710 mm
Performances5.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s	4.25	Forks spread	b5	519 mm
5.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s	4.32	Ground clearance at centre of wheelbase	m2	35 mm
5.3 Lowering speed (laden / unladen) 0.10 m/s / 0.10 m/s		Performances		
	5.2	Lifting speed (laden / unladen)		0.10 m/s / 0.10 m/s
5.11 Parking hrake Moophing	5.3	Lowering speed (laden / unladen)		0.10 m/s / 0.10 m/s
Unit in annu grand Medallic	5.11	Parking brake		Mecanic

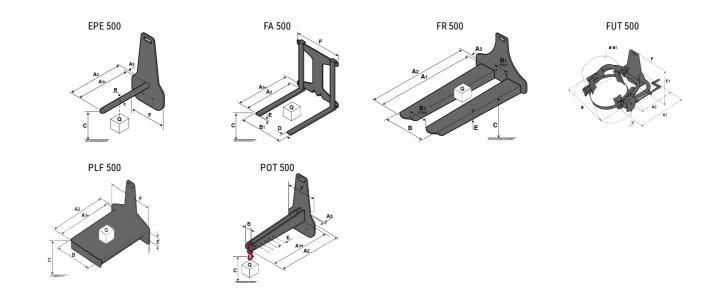
Kleos HM 500 D18 - Dimensional drawing



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





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



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