Technical sheet :

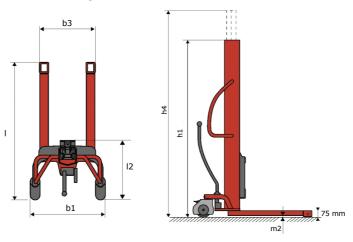
## **KLEOS HM 500 D25**





1.1ManufacturerManufacturer1.2Model NameHM 500 D251.3Power sourceHM 500 D251.3Operator typePedestrian1.4Operator typePedestrian1.5Max. capacityQ500 kg1.6Load center of gravityc250 mmWaightc250 mm2.1Overall weight without tools190 kg3.1Tires type2190 kg3.1Tires type2x (75x65)3.3Dimensions of rear wheels2x (150x50)3.3Dimensions of rear wheels2x (150x50)4.2Mast lowered heighth11950 mm4.5Mast extended heighth42480 mm4.19Overall length111300 mm4.20Length to face of forks12575 mm4.21Overall widthb1710 mm4.25Fork spreadb5519 mm4.20Lifting speed (laden / unladen)b1710 m/s5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s		Technical characteristics		Metric
1.3Power sourceManual1.4Operator typePedestrian1.5Max. capacityQ500 kg1.6Load center of gravityc250 nm1.6Load center of gravityc300 kg2.1Overall weight without tools1190 kg2.1Overall weight without tools1190 kg3.1Tires type1190 kg3.2Dimensions of front wheels2x (75x65)3.3Dimensions of front wheels2x (150x50)0Dimensions of reat wheels2x (150x50)4.2Mast lowered heighth11950 nm4.5Mast tended heighth42480 nm4.19Overall length111300 nm4.20Length to face of forks12575 nm4.21Overall widthb1710 nm4.25Fork spreadb5519 nm4.26Fork spreadb5519 nm4.27Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)0.10 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 toolsC190 kgWheelsC2x (75x 65)3.3Dimensions of front wheelsC2x (75x 65)3.3Dimensions of rear wheelsC2x (150x 50)4.2Mast lowered heighth11950 mm4.5Mast extended heighth42440 mm4.19Overall length111300 nm4.20Length to face of forks12575 mm4.21Overall widthb1710 mm4.25Fork spreadb5519 mm4.26Ground clearance at center of wheelbasem235 mm4.21Utifung speed (laden / unladen)m20.10 m/s / 0.10 m/s	1.2	Model Name		HM 500 D25
1.5Max. capacityQ500 kg1.6Load center of gravityc250 mm2.1Overall weight without tools100 kgWheels100 kg3.1Tires type2x (75x65)3.3Dimensions of front wheels2x (75x65)3.3Dimensions of rear wheels2x (150x50)4.2Mast lowered heighth14.5Mast extended height114.19Overall length114.20Length to face of forks124.21Overall widthb14.22Fork spread554.32Ground clearance at centre of wheelbaseb1710 mmFord mances355.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s	1.3	Power source		Manual
1.6Load center of gravityc250 mmWeightWeight190 kg2.1Overall weight without tools190 kgWheels1190 kg3.1Tires type2x (75x65)3.3Dimensions of front wheels2x (75x65)3.3Dimensions of rear wheels2x (75x65)3.3Dimensions of rear wheels2x (150x50)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)m25.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s	1.4	Operator type		Pedestrian
WeightImage: Constraint of the section of	1.5	Max. capacity	Q	500 kg
2.1Overall weight without tools190 kgWheelsNylon3.1Tires typeNylon3.2Dimensions of front wheels2x (75x65)3.3Dimensions of rear wheels2x (150x50)UmensionsImage: Constraint of the system	1.6	Load center of gravity	С	250 mm
WheelsImage: Section of the section of th		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)m25.3Lowering speed (laden / unladen)11	2.1	Overall weight without tools		190 kg
3.2Dimensions of front wheels2x (75x65)3.3Dimensions of rear wheels2x (150x50)Dimensions2x2x (150x50)4.2Mast lowered heighth11950 mm4.5Mast extended heighth42480 mm4.19Overall lengthl11300 mm4.20Length to face of forksl2575 mm4.21Overall widthb1710 mm4.25Fork spreadb5519 mm4.32Ground clearance at centre of wheelbasem235 mm4.32Lifting speed (laden / unladen)m20.10 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		Wheels		
3.3Dimensions of rear wheels2x (150x50)Dimensions11950 mm4.2Mast lowered heighth11950 mm4.5Mast extended heighth42480 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)m20.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s0.10 m/s / 0.10 m/s	3.1	Tires type		Nylon
Dimensions4.2Mast lowered heighth11950 mm4.5Mast extended heighth42480 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)otio m/s / 0.10 m/s0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)otio m/s / 0.10 m/s0.10 m/s / 0.10 m/s	3.2	Dimensions of front wheels		2x (75x65)
4.2Mast lowered heighth11950 mm4.5Mast extended heighth42480 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/s5.3Lowering speed (laden / unladen)	3.3	Dimensions of rear wheels		2x (150x50)
4.5Mast extended heighth42480 mm4.19Overall length111300 mm4.20Length to face of forks12575 mm4.21Overall widthb1710 mm4.25Fork spread55519 mm4.32Ground clearance at centre of wheelbasem235 mm5.2Lifting speed (laden / unladen)610.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)550.10 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 mm4.32Ground clearance at centre of wheelbasem235 mm5.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s	4.2	Mast lowered height	h1	1950 mm
4.20Length to face of forks12575 mm4.21Overall widthb1710 mm4.25Fork spreadb5519 mm4.32Ground clearance at centre of wheelbasem235 mm4.32Performancesm235 mm5.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s0.10 m/s / 0.10 m/s	4.5	Mast extended height	h4	2480 mm
4.21Overall widthb1710 mm4.25Fork 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	4.19	Overall length	11	1300 mm
4.25Fork 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)5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s0.10 m/s / 0.10 m/s	4.25	Fork spread	b5	519 mm
5.2     Lifting speed (laden / unladen)     0.10 m/s       5.3     Lowering 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
E 11 Darking broke	5.3	Lowering speed (laden / unladen)		0.10 m/s / 0.10 m/s
J. I Faiking Ulake Mecanic	5.11	Parking brake		Mecanic

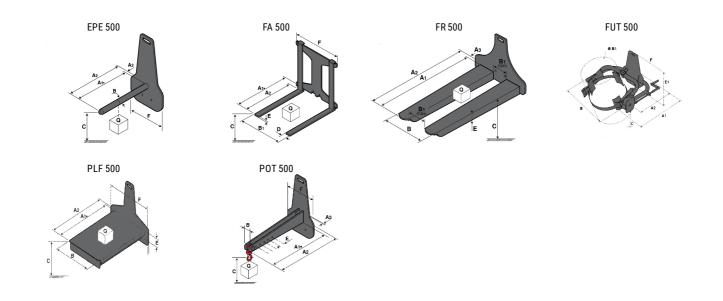
## Kleos HM 500 D25 - Dimensional drawing



## **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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