Technical sheet :

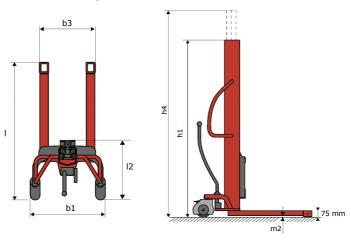
KLEOS HM 1000 S16





1.1ManufacturerManufacturer1.2Model NameHM 1000 S161.3Power sourceHM 1000 S161.3Operator typePedestrian1.4Operator typePedestrian1.5Max. capacityQ1000 kg1.6Load center of gravityc250 mmWeightc220 kg1000 kg2.1Overall weight without tools200 kg200 kg3.1Tires type4X (75x65)200 kg3.1Tires type4X (75x65)2X (160x40)3.2Dimensions of fort wheels2X (160x40)2X (160x40)4.2Mast lowered heighth11990 mm4.5Mast extended heighth11990 mm4.5Joze florks12570 mm4.20Length of ace of forks12570 mm4.21Overall widthb1710 mm4.25Forks spreadb5520 mm4.20Length of ace of wheelbasem225 mm4.21Overall widthb1710 mm4.22Lifting speed (laden / unladen)b10.10 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		Technical characteristics		Metric
1.3Power sourceManual1.4Operator typePedestrian1.5Max. capacityQ1000 kg1.6Load center of gravityc250 nm1.6Velightc200 kg2.1Overall weight without toolsC200 kg3.1Tires typeC320 kg3.1Tires typeC4x (75x 65)3.3Dimensions of front wheelsC4x (75x 65)3.3Dimensions of rent wheelsC4x (75x 65)4.2Mast lowered heighth11990 nm4.5Mast tended height11330 nm4.19Overall length11330 nm4.20Length to face of forks12570 nm4.21Overall widthb1710 nm4.25Forks spreadb5520 nm4.20Length of clean of fork spreadm225 mm5.3Lowering 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. capacityQ1000 kg1.6Load center of gravityc250 mmWeightC220 kgCOverall weight without toolsC220 kgWheelsC400 mm3.1Tires typeC4x (75x65)3.3Dimensions of front wheelsC4x (75x65)3.3Dimensions of rear wheelsC4x (75x65)3.4Mast extended heighth11990 mm4.5Mast extended heighth41990 mm4.19Overall length111330 nm4.20Length to face of forks12570 mm4.21Overall widthb1710 nm4.25Forks spreadb5520 mm4.26Ground clearance at center of wheelbasem225 mm5.2Liffing speed (laden / unladen)m20.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s / 0.10 m/s	1.2	Model Name		HM 1000 S16
1.5Max. capacityQ1000 kg1.6Load center of gravityc250 mm2.1Overall weight without tools220 kgWheels1220 kg3.1Tires type43.2Dimensions of front wheels4x (75x65)3.3Dimensions of rear wheels2x (160x40)4.2Mast lowered heighth14.5Mast extended height114.19Overall length114.20Length to face of forks124.21Overall widthb14.22Forks spread555.23Ground clearance at centre of wheelbasemathematication of the speed (laden / unladen)5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s	1.3	Power source		Manual
1.6Load center of gravityc250 mmWeight0verall weight without tools220 kg220 kgWheels0220 kg03.1Tires type04x (75x65)3.3Dimensions of front wheels4x (75x65)2x (160x40)3.3Dimensions of rear wheels02x (160x40)000004.2Mast lowered heighth11990 mm4.5Mast extended heighth11990 mm4.19Overall length111330 mm4.20Length to face of forks12570 mm4.21Overall widthb1710 mm4.22Ground clearance at centre of wheelbasem2225 mm4.32Ground clearance at centre of wheelbasem225 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	1.4	Operator type		Pedestrian
WeightImage: Constraint of the symbol is and the symbol is	1.5	Max. capacity	Q	1000 kg
2.1Overall weight without tools220 kgWheels3.1Tires type3.2Dimensions of front wheels4x (75x65)3.3Dimensions of rear wheels2x (160x40)UmensionsImage: Comparison of the symphotocol4.2Mast lowered heighth11990 mm4.5Mast extended heighth41990 mm4.19Overall length111330 mm4.20Length to face of forks520 mm520 mm4.21Overall widthb1710 mm4.25Forks spreadb5520 mm4.32Ground clearance at centre of wheelbasem225 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	1.6	Load center of gravity	С	250 mm
WheelsNew Section3.1Tires typeNylon3.2Dimensions of front wheels4x (75x65)3.3Dimensions of rear wheels2x (160x40)Dimensions of rear wheels2x (160x40)0Dimensions14.2Mast lowered heighth11990 mm4.5Mast extended heighth41990 mm4.19Overall length111330 mm4.20Length to face of forks12570 mm4.21Overall widthb1710 mm4.25Forks spreadb5520 mm4.32Ground clearance at centre of wheelbasem225 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 wheels4x (75x65)3.3Dimensions of rear wheels2x (160x40)Dimensions4.2Mast lowered heighth11990 mm4.5Mast extended heighth41990 mm4.19Overall length111330 mm4.20Length to face of forks12570 mm4.21Overall widthb1710 mm4.22Forks spreadb5520 mm4.32Ground clearance at centre of wheelbasem225 mm5.2Lifting 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	2.1	Overall weight without tools		220 kg
3.2Dimensions of front wheels4x (75x65)3.3Dimensions of rear wheels2x (160x40) Dimensions 11990 mm4.2Mast lowered heighth11990 mm4.5Mast extended heighth41990 mm4.19Overall length111330 mm4.20Length to face of forks12570 mm4.21Overall widthb1710 mm4.22Forks spreadb5520 mm4.32Ground clearance at centre of wheelbasem225 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		Wheels		
3.3Dimensions of rear wheels2x (160x40)Dimensions2x (160x40)4.2Mast lowered heighth11990 mm4.5Mast extended heighth41990 mm4.19Overall length111330 mm4.20Length to face of forks12570 mm4.21Overall widthb1710 mm4.25Forks spreadb5520 mm4.32Ground clearance at centre of wheelbasem225 mm5.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s0.10 m/s / 0.10 m/s	3.1	Tires type		Nylon
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4.2Mast lowered heighth11990 mm4.5Mast extended heighth41990 mm4.19Overall length111330 mm4.20Length to face of forks12570 mm4.21Overall widthb1710 mm4.25Forks spreadb5520 mm4.32Ground clearance at centre of wheelbasem225 mm5.2Lifting speed (laden / unladen)5.30.10 m/s / 0.10 m/s	3.3	Dimensions of rear wheels		2x (160x40)
4.5Mast extended heighth41990 mm4.19Overall length111330 mm4.20Length to face of forks12570 mm4.21Overall widthb1710 mm4.25Forks spreadb5520 mm4.32Ground clearance at centre of wheelbasem225 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		Dimensions		
4.19Overall length111330 mm4.20Length to face of forks12570 mm4.21Overall widthb1710 mm4.25Forks spreadb5520 mm4.32Ground clearance at centre of wheelbasem225 mm5.2Lifting speed (laden / unladen)5.30.10 m/s / 0.10 m/s	4.2	Mast lowered height	h1	1990 mm
4.20Length to face of forks12570 mm4.21Overall widthb1710 mm4.25Forks spreadb5520 mm4.32Ground clearance at centre of wheelbasem225 mmPerformances5.2Lifting speed (laden / unladen)on 10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s	4.5	Mast extended height	h4	1990 mm
4.21Overall widthb1710 mm4.25Forks spreadb5520 mm4.32Ground clearance at centre of wheelbasem225 mmPerformances5.2Lifting 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	4.19	Overall length	11	1330 mm
4.25Forks spreadb5520 mm4.32Ground clearance at centre of wheelbasem225 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	570 mm
4.32Ground clearance at centre of wheelbasem225 mmPerformancesm225 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	4.21	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	Forks spread	b5	520 mm
5.2Lifting speed (laden / unladen)0.10 m/s5.3Lowering speed (laden / unladen)0.10 m/s0.10 m/s / 0.10 m/s0.10 m/s	4.32	Ground clearance at centre of wheelbase	m2	25 mm
5.3Lowering speed (laden / unladen)0.10 m/s0.10 m/s/0.10 m/s		Performances		
	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

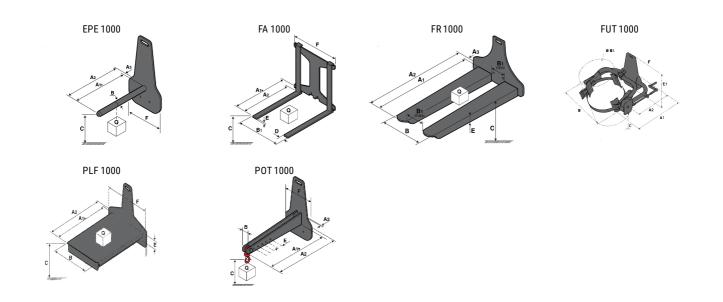
Kleos HM 1000 S16 - Dimensional drawing



Tool characteristics

Tool 1,000 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 1000	1000	350	700	730	60	-	-	245	-	-	-	-	320	38
FA 1000	1000	500	950	1017	-	190	710	45	80	40	-	-	730	123
FR 1000	1000	600	1150	1182	560	200	320	90	-	70	-	-	700	82
FUT 1000	300	600	795	600	1057	350	650	245	-	240	631	-	-	92
PLF 1000	1000	350	700	727	600	-	-	275	-	91	-	-	630	65
POT 1000	500	600	625	652	50	-	-	145	-	-	-	-	320	33

Tools





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