Technical sheet :

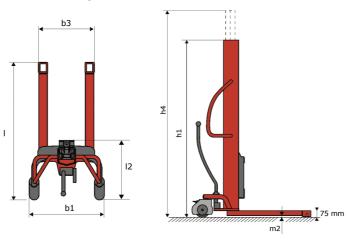
## **KLEOS HM 250 D25**





1.1ManufacturerManufacturer1.2Model NameHM 250 D251.3Power sourceHM 250 D251.3Operator typePedestian1.4Operator typePedestian1.5Max. capacityQ250 kg1.6Load center of gravityc250 mmWeightc250 mm2.1Overall weight without tools110 kgWheelsC2x (75x 65)3.1Tires type2x (150x 50)3.2Dimensions of fortwheels2x (150x 50)3.3Dimensions of rear wheels2x (150x 50)4.2Mast lowered heighth11815 mm4.5Mast extended heighth43055 mm4.19Overall width111032 mm4.21Overall widthb1710 mm4.25Fork spreadb5529 mm4.20Length to face of forks12571 mm4.21Overall widthb1710 mm4.22Lifting speed (laden / unladen)main0.10 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. capacityQ250 kg1.6Load center of gravityc250 kg1.6Load center of gravityc250 kg2.1Overall weight without toolsImage: Source of Sou	1.1	Manufacturer		Manitou
1.4Operator typePedestrian1.5Max. capacityQ250 kg1.6Load center of gravityc250 mm2.1Overall weight without toolsC250 mm2.1Overall weight without toolsC110 kgWheelsC2x (75x 65)3.3Dimensions of front wheelsC2x (75x 65)3.3Dimensions of rear wheelsC2x (150x 50)4.2Mast lowered heighth1110 sg4.2Mast lowered heighth43055 mm4.19Overall length111032 mm4.20Length to face of forks12571 mm4.21Overall widthb1710 mm4.25Fork spreadb5529 mm4.26Ground clearance at center of wheelbasem240 mm4.25Lifting 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	1.2	Model Name		HM 250 D25
1.5Max. capacityQ250 kg1.6Load center of gravityc250 mm2.1Overall weight without tools10 kgWheels2110 kg3.1Tires type23.2Dimensions of front wheels2x (75x65)3.3Dimensions of rear wheels2x (150x50)Immensions of rear wheels4.2Mast lowered heighth14.5Mast extended heighth14.19Overall length114.20Length to face of forks124.21Overall widthb14.25Fork spread555.2Lifting speed (laden / unladen)mm5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s	1.3	Power source		Manual
1.6Load center of gravityc250 mmWeightNeight10 kg2.1Overall weight without tools110 kgWheelsN10 kg3.1Tires type2x (75x65)3.3Dimensions of front wheels2x (75x65)3.3Dimensions of rear wheels2x (75x65)3.3Dimensions of rear wheels2x (75x65)4.2Mast lowered heighth14.5Mast extended heighth43055 mm114.19Overall length114.20Length to face of forks124.21Overall widthb14.22Fork spreadb54.23Ground clearance at centre of wheelbasem24.24Gound clearance at centre of wheelbasem25.2Lifting speed (laden / unladen)0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s	1.4	Operator type		Pedestrian
WeightImage: constraint of the speed (laden / unladen)Image: constraint of the speed (laden / unladen)2.1Overall weight without tools110 kg2.1Overall weight without tools10WheelsNylon3.1Tires type2x (75x65)3.2Dimensions of front wheels2x (75x65)3.3Dimensions of rear wheels2x (150x50)3.3Dimensions of rear wheels2x (150x50)4.2Mast lowered heighth14.2Mast extended heighth14.3Overall length114.19Overall length114.20Length to face of forks124.21Overall widthb14.25Fork spreadb55.2Lifting speed (laden / unladen)m25.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s	1.5	Max. capacity	Q	250 kg
2.1Overall weight without tools110 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 heighth40 verall length111032 mm4.20Length to face of forks124.21Overall widthb14.22Fork spreadb14.23Fork spreadb55.2Lifting speed (laden / unladen)m25.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s	2.1	Overall weight without tools		110 kg
3.2Dimensions of front wheels2 x (75x65)3.3Dimensions of rear wheels2 x (150x50)Dimensions11815 mm4.2Mast lowered heighth11815 mm4.5Mast extended heighth43055 mm4.19Overall length111032 mm4.20Length to face of forks12571 mm4.21Overall widthb1710 mm4.22Fork spreadb5529 mm4.32Ground clearance at centre of wheelbasem240 mm5.2Lifting speed (laden / unladen)ot 0.10 m/s / 0.10 m/s0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)ot 0.10 m/s / 0.10 m/s0.10 m/s / 0.10 m/s		Wheels		
3.3Dimensions of rear wheels2 x (150x50)Dimensions11815 mm4.2Mast lowered heighth11815 mm4.5Mast extended heighth43055 mm4.19Overall length111032 mm4.20Length to face of forks12571 mm4.21Overall widthb1710 mm4.25Fork spreadb5529 mm4.32Ground clearance at centre of wheelbasem240 mm5.2Lifting speed (laden / unladen)ot 0.10 m/s / 0.10 m/s0.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)ot 0.10 m/s / 0.10 m/s0.10 m/s / 0.10 m/s	3.1	Tires type		Nylon
DimensionsImage: constraint of the system of th	3.2	Dimensions of front wheels		2x (75x65)
4.2Mast lowered heighth11815 mm4.5Mast extended heighth43055 mm4.19Overall length111032 mm4.20Length to face of forks12571 mm4.21Overall widthb1710 mm4.25Fork spreadb5529 mm4.32Ground clearance at centre of wheelbasem240 mm5.2Lifting speed (laden / unladen)50.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)50.10 m/s / 0.10 m/s	3.3	Dimensions of rear wheels		2x (150x50)
4.5Mast extended heighth43055 mm4.19Overall length111032 mm4.20Length to face of forks12571 mm4.21Overall widthb1710 mm4.25Fork spreadb5529 mm4.32Ground clearance at centre of wheelbasem240 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		Dimensions		
4.19Overall length111032 mm4.20Length to face of forks12571 mm4.21Overall widthb1710 mm4.25Fork spreadb5529 mm4.32Ground clearance at centre of wheelbasem240 mm5.2Lifting speed (laden / unladen)50.10 m/s / 0.10 m/s5.3Lowering speed (laden / unladen)0.10 m/s / 0.10 m/s	4.2	Mast lowered height	h1	1815 mm
4.20Length to face of forks12571 mm4.21Overall widthb1710 mm4.25Fork spreadb5529 mm4.32Ground clearance at centre of wheelbasem240 mm4.32Performancesm20.10 m/s / 0.10 m/s5.2Lifting 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/s	4.5	Mast extended height	h4	3055 mm
4.21Overall widthb1710 mm4.25Fork spreadb5529 mm4.32Ground clearance at centre of wheelbasem240 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	1032 mm
4.25Fork spreadb5529 mm4.32Ground clearance at centre of wheelbasem240 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	571 mm
4.32Ground clearance at centre of wheelbasem240 mmPerformances0.00 m/s / 0.10 m/s0.00 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	Fork spread	b5	529 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	40 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
	5.3	Lowering speed (laden / unladen)		0.10 m/s / 0.10 m/s
5.11 Parking brake Mecanic	5.11	Parking brake		Mecanic

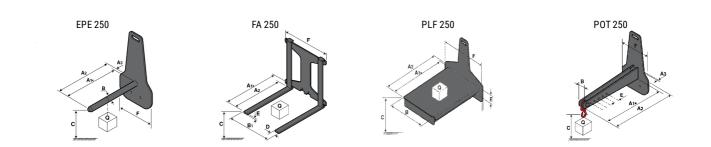
## Kleos HM 250 D25 - Dimensional drawing



## **Tool characteristics**

Tool 250 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 250	250	250	500	515	40	-	-	270	-	-	-	-	320	21
FA 250	250	250	500	540	-	230	650	50	50	20	-	-	680	33
PLF 250	200	300	620	635	500	-	-	280	-	88	-	-	630	40
POT 250	150	400	425	440	50	-	-	170	-	-	-	-	320	22

## Tools





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