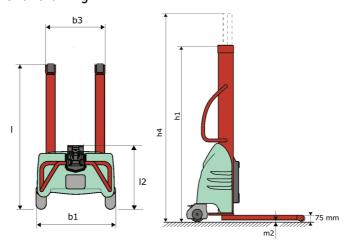
Technical sheet:

# **KLEOS EB 500 D25**



Technical characteristics			KLEUS EB 300 D23	Orcated on May 2, 2024 at 11.20.001 W 010
1.2   Model Name		Technical characteristics		Metric
1.3   Power source	1.1	Manufacturer		Manitou
1.4   Operator type	1.2	Model Name		EB 500 D25
1.5       Max. capacity       Q       500 kg         1.6       Load center of gravity       c       250 mm         Weight         2.1       Overall weight without tools       240 kg         Wheels         3.1       Tires type       Nylon         3.2       Dimensions of front wheels       2x (75x65)         3.3       Dimensions of rear wheels       2x (150x50)         Dimensions         4.2       Mast lowered height       h1       1950 mm         4.5       Mast extended height       h4       3190 mm         4.19       Overall length       11       1300 mm         4.20       Length to face of forks       12       575 mm         4.21       Overall width       b1       710 mm         4.25       Fork spread       b5       519 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         Performances       m2       35 mm         5.2       Lifting speed (laden / unladen)       0.07 m/s / 0.07 m/s         5.3       Lowering speed (laden / unladen)       0.07 m/s / 0.07 m/s         5.11       Parking brake       Mecanic         Engline<	1.3	Power source		Electrical
1.6 Load center of gravity c 2 250 mm    Weight   Weight	1.4	Operator type		Pedestrian
Weight   2.1   Overall weight without tools   240 kg	1.5	Max. capacity	Q	500 kg
2.1     Overall weight without tools     240 kg       Wheels       3.1     Tires type     Nylon       3.2     Dimensions of front wheels     2x (75x65)       3.3     Dimensions of rear wheels     2x (150x50)       Dimensions       4.2     Mast lowered height     h1     1950 mm       4.5     Mast extended height     h4     3190 mm       4.19     Overall length     I1     13000 mm       4.20     Length to face of forks     I2     575 mm       4.21     Overall width     b1     710 mm       4.25     Fork spread     b5     519 mm       4.32     Ground clearance at centre of wheelbase     m2     35 mm       Performances       5.2     Lifting speed (laden / unladen)     0.07 m/s / 0.07 m/s       5.3     Lowering speed (laden / unladen)     0.10 m/s / 0.10 m/s       5.31     Lowering speed (laden / unladen)     0.10 m/s / 0.10 m/s       6.4     Battery voltage / capacity     12 V / 110 Ah       7.2     Power     1.20 kW	1.6	Load center of gravity	С	250 mm
Wheels         Nylon           3.1         Tires type         Nylon           3.2         Dimensions of front wheels         2x (75x65)           3.3         Dimensions         2x (150x50)           Dimensions           4.2         Mast lowered height         h1         1950 mm           4.5         Mast extended height         h4         3190 mm           4.19         Overall length         11         1300 mm           4.20         Length to face of forks         12         575 mm           4.21         Overall width         b1         710 mm           4.25         Fork spread         b5         519 mm           4.32         Ground clearance at centre of wheelbase         m2         35 mm           Performances           Lifting speed (laden / unladen)         0.07 m/s / 0.07 m/s           5.3         Lowering speed (laden / unladen)         0.10 m/s / 0.10 m/s           5.11         Parking brake         Mecanic           Engline         12 V / 110 Ah           7.2         Power         1.20 kW		Weight		
Nylon   3.2   Dimensions of front wheels   2x (75x65)   2x (150x50)   2x (150x50)	2.1	Overall weight without tools		240 kg
3.2   Dimensions of front wheels   2x (75x65)     3.3   Dimensions of rear wheels   2x (150x50)     Dimensions		Wheels		
3.3   Dimensions of rear wheels   2x (150x50)	3.1	Tires type		Nylon
Dimensions         4.2       Mast lowered height       h1       1950 mm         4.5       Mast extended height       h4       3190 mm         4.19       Overall length       l1       1300 mm         4.20       Length to face of forks       l2       575 mm         4.21       Overall width       b1       710 mm         4.25       Fork spread       b5       519 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         Performances         5.2       Lifting speed (laden / unladen)       0.07 m/s / 0.07 m/s         5.3       Lowering speed (laden / unladen)       0.10 m/s / 0.10 m/s         5.11       Parking brake       Mecanic         Engine       12 V / 110 Ah         6.4       Battery voltage / capacity       12 V / 110 Ah         7.2       Power       1.20 kW	3.2	Dimensions of front wheels		2x (75x65)
4.2       Mast lowered height       h1       1950 mm         4.5       Mast extended height       h4       3190 mm         4.19       Overall length       l1       1300 mm         4.20       Length to face of forks       l2       575 mm         4.21       Overall width       b1       710 mm         4.25       Fork spread       b5       519 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         Performances         5.2       Lifting speed (laden / unladen)       0.07 m/s / 0.07 m/s         5.3       Lowering speed (laden / unladen)       0.10 m/s / 0.10 m/s         5.11       Parking brake       Mecanic         Engine       12 V / 110 Ah         6.4       Battery voltage / capacity       12 V / 110 Ah         7.2       Power       1.20 kW	3.3	Dimensions of rear wheels		2x (150x50)
4.5       Mast extended height       h4       3190 mm         4.19       Overall length       11       1300 mm         4.20       Length to face of forks       12       575 mm         4.21       Overall width       b1       710 mm         4.25       Fork spread       b5       519 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         Performances         5.2       Lifting speed (laden / unladen)       0.07 m/s / 0.07 m/s         5.3       Lowering speed (laden / unladen)       0.10 m/s / 0.10 m/s         5.11       Parking brake       Mecanic         Engline       Mecanic         6.4       Battery voltage / capacity       12 V / 110 Ah         7.2       Power       1.20 kW		Dimensions		
4.19       Overall length       11       1300 mm         4.20       Length to face of forks       12       575 mm         4.21       Overall width       b1       710 mm         4.25       Fork spread       b5       519 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         Performances         5.2       Lifting speed (laden / unladen)       0.07 m/s / 0.07 m/s         5.3       Lowering speed (laden / unladen)       0.10 m/s / 0.10 m/s         5.11       Parking brake       Mecanic         Engline       Mecanic         6.4       Battery voltage / capacity       12 V / 110 Ah         7.2       Power       1.20 kW	4.2	Mast lowered height	h1	1950 mm
4.20       Length to face of forks       12       575 mm         4.21       Overall width       b1       710 mm         4.25       Fork spread       b5       519 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         Performances         5.2       Lifting speed (laden / unladen)       0.07 m/s / 0.07 m/s         5.3       Lowering speed (laden / unladen)       0.10 m/s / 0.10 m/s         5.11       Parking brake       Mecanic         Engline       Mecanic         6.4       Battery voltage / capacity       12 V / 110 Ah         7.2       Power       1.20 kW	4.5	Mast extended height	h4	3190 mm
4.21       Overall width       b1       710 mm         4.25       Fork spread       b5       519 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         Performances         5.2       Lifting speed (laden / unladen)       0.07 m/s / 0.07 m/s         5.3       Lowering speed (laden / unladen)       0.10 m/s / 0.10 m/s         5.11       Parking brake       Mecanic         Engline       12 V / 110 Ah         6.4       Battery voltage / capacity       12 V / 110 Ah         7.2       Power       1.20 kW	4.19	Overall length	I1	1300 mm
4.25       Fork spread       b5       519 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         Performances         5.2       Lifting speed (laden / unladen)       0.07 m/s / 0.07 m/s         5.3       Lowering speed (laden / unladen)       0.10 m/s / 0.10 m/s         5.11       Parking brake       Mecanic         Engine       12 V / 110 Ah         6.4       Battery voltage / capacity       12 V / 110 Ah         7.2       Power       1.20 kW	4.20	Length to face of forks	I2	575 mm
4.32       Ground clearance at centre of wheelbase       m2       35 mm         Performances         5.2       Lifting speed (laden / unladen)       0.07 m/s / 0.07 m/s         5.3       Lowering speed (laden / unladen)       0.10 m/s / 0.10 m/s         5.11       Parking brake       Mecanic         Engine         6.4       Battery voltage / capacity       12 V / 110 Ah         7.2       Power       1.20 kW         Miscellaneous	4.21	Overall width	b1	710 mm
Performances         0.07 m/s / 0.07 m/s           5.2         Lifting speed (laden / unladen)         0.07 m/s / 0.07 m/s           5.3         Lowering speed (laden / unladen)         0.10 m/s / 0.10 m/s           5.11         Parking brake         Mecanic           Engine         12 V / 110 Ah           7.2         Power         1.20 kW           Miscellaneous	4.25	Fork spread	b5	519 mm
5.2       Lifting speed (laden / unladen)       0.07 m/s / 0.07 m/s         5.3       Lowering speed (laden / unladen)       0.10 m/s / 0.10 m/s         5.11       Parking brake       Mecanic         Engine       12 V / 110 Ah         7.2       Power       1.20 kW         Miscellaneous       Miscellaneous	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         5.11       Parking brake       Mecanic         Engine       12 V / 110 Ah         6.4       Battery voltage / capacity       12 V / 110 Ah         7.2       Power       1.20 kW         Miscellaneous       Miscellaneous		Performances		
5.11     Parking brake     Mecanic       Engine     Companie       6.4     Battery voltage / capacity     12 V / 110 Ah       7.2     Power     1.20 kW       Miscellaneous     1.20 kW	5.2	Lifting speed (laden / unladen)		0.07 m/s / 0.07 m/s
Engine         Engine           6.4         Battery voltage / capacity         12 V / 110 Ah           7.2         Power         1.20 kW           Miscellaneous	5.3	Lowering speed (laden / unladen)		0.10 m/s / 0.10 m/s
6.4       Battery voltage / capacity       12 V / 110 Ah         7.2       Power       1.20 kW         Miscellaneous	5.11			Mecanic
7.2 Power 1.20 kW Miscellaneous		-		
Miscellaneous	6.4	Battery voltage / capacity		12 V / 110 Ah
	7.2			1.20 kW
8.4 Sound level at the driver's ear according to DIN 12 053 65 dB				
	8.4	Sound level at the driver's ear according to DIN 12 053		65 dB

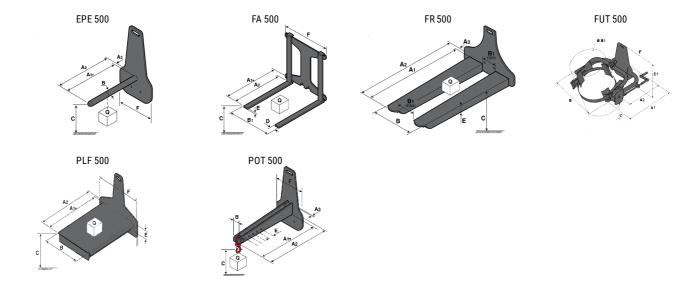
### Kleos EB 500 D25 - Dimensional drawing



### **Tool characteristics**

Tool 500 kg	Attachment capacity	Center of gravity of load	A1	A2	В	B1	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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