

Technical sheet :

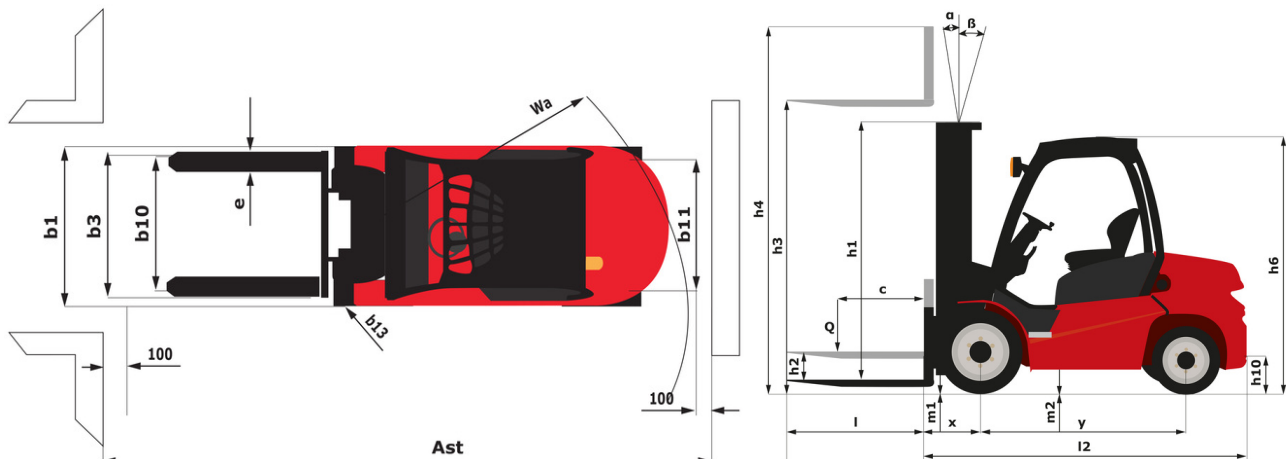
MI 25 D ST5



 **MANITOU**
HANDLING YOUR WORLD

	Technical characteristics		Metric	Imperial
1.1	Manufacturer		MANITOU	MANITOU
1.2	Model Name		MI 25 D ST5	MI 25 D ST5
1.3	Power source		Diesel	Diesel
1.4	Operator type		Seated	Seated
1.5	Max. capacity	Q	2500 kg	5512 lb
1.6	Load center of gravity	c	500 mm	20 in
1.8	Load distance, centre of drive axle to fork	x	465 mm	18 in
1.9	Wheelbase	y	1600 mm	63 in
	Weight			
2.1	Service weight		4000 kg	8818 lb
2.2	Weight on front axle (laden) / rear axle (laden)		5735 kg / 765 kg	12644 lb / 1687 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		1710 kg / 2290 kg	3770 lb / 5049 lb
	Wheels			
3.1	Tires type		Super Elastic	Super Elastic
3.2	Dimensions of front wheels		7.00-12 12	7.00-12 12
3.3	Dimensions of rear wheels		6.00-9 10	6.00-9 10
3.5	Number of front wheels / rear wheels		2 / 2	2 / 2
3.5.2	Number of drive wheels		2	2
3.6	Front wheel gauge	b10	965 mm	38 in
3.7	Rear wheel gauge	b11	973 mm	38 in
	Dimensions			
4.7	Height of overhead guard (cabin)	h6	2115 mm	83 in
4.8	Seat height/stand height	h7	1190 mm	47 in
4.12	Height of towing bar (coupling height)	h10	360 mm	14 in
4.19	Overall length	l1	3685 mm	145 in
4.20	Length to face of forks	l2	2535 mm	100 in
4.21	Overall width	b1	1155 mm	45 in
4.21	Overall width - Single wheels	b1	1155 mm	45 in
4.21	Overall width - Twinned wheels	b1	1595 mm	63 in
4.22	Forks section / width / length	s / e / l	40 mm x 122 mm x 1150 mm	2 in x 5 in x 45 in
4.23	Fork carriage ISO 2328 (class/form) A/B		2A	2A
4.24	Fork carriage width	b3	1038 mm	41 in
4.31	Ground clearance below mast	m1	115 mm	5 in
4.32	Ground clearance at centre of wheelbase	m2	175 mm	7 in
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	3930 mm	155 in
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	4130 mm	163 in
4.35	Turning radius	Wa	2265 mm	89 in
4.36	Internal turning radius (over tyres)	b13	145 mm	6 in
	Performances			
5.1	Travel speed (laden / unladen)		18 km/h-18.50 km/h	11 mph-11 mph
5.2	Lifting speed (laden / unladen)		0.60 m/s-0.65 m/s	2 ft/s-2 ft/s
5.3	Lowering speed (laden / unladen)		0.50 m/s-0.55 m/s	2 ft/s-2 ft/s
5.5	Drawbar pull (Laden / Unladen)		1940 daN / 1240 daN	1940 daN / 1240 daN
5.7	Gradeability (laden / unladen)		20 % / 20 %	20 % / 20 %
5.10	Service brake		Hydraulic	Hydraulic
	Engine			
7.1	Engine brand / model		Kubota / V2607-CR-E5B	Kubota / V2607-CR-E5B
7.2	Engine power according to ISO 1585		37.40 kW	37.40 kW
7.3	Rated speed		2400 rpm	2400 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 2615 cm³	4 - 160 in³
	Miscellaneous			
8.2	Working hydraulic pressure for attachments		160 bar	2321 PSI
8.3	Oil flow rate for attachments		35 l/min	9 US gpm
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 84 dB	< 84 dB

MI 25 D ST5 - Dimensional drawing



Characteristics of masts and residual capacities



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