

Technical sheet :

# **MI 25 D ST5 US**

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 **MANITOU**  
HANDLING YOUR WORLD

Technical characteristics		Imperial	
1.1	Manufacturer		MANITOU
1.2	Model Name		MI 25 D ST5 US
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	5512 lb
1.6	Load center of gravity	c	20 in
1.8	Load distance, centre of drive axle to fork	x	18 in
1.9	Wheelbase	y	63 in
Weight			
2.1	Service weight		8818 lb
2.2	Weight on front axle (laden) / rear axle (laden)		12644 lb / 1687 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		3770 lb / 5049 lb
Wheels			
3.1	Tires type		Solid tires
3.2	Dimensions of front wheels		7.00-12 12
3.3	Dimensions of rear wheels		6.00-9 10
3.5	Number of front wheels / rear wheels		2 / 2
3.5.2	Number of drive wheels		2
3.6	Front wheel gauge	b10	38 in
3.7	Rear wheel gauge	b11	38 in
Dimensions			
4.8	Seat height/stand height	h7	47 in
4.7	Height of overhead guard (cabin)	h6	83 in
4.12	Height of towing bar (coupling height)	h10	14 in
4.19	Overall length	l1	145 in
4.20	Length to face of forks	l2	100 in
4.21	Overall width	b1	45 in
4.21	Overall width - Single wheels	b1	45 in
4.21	Overall width - Twinned wheels	b1	63 in
4.22	Forks section / width / length	s / e / l	2 in x 5 in x 45 in
4.23	Fork carriage ISO 2328 (class/form) A/B		2A
4.24	Fork carriage width	b3	41 in
4.31	Ground clearance below mast	m1	5 in
4.32	Ground clearance at centre of wheelbase	m2	7 in
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	155 in
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	163 in
4.35	Turning radius	Wa	89 in
4.36	Internal turning radius (over tyres)	b13	6 in
Performances			
5.1	Travel speed (laden / unladen)		11 mph-11 mph
5.2	Lifting speed (laden / unladen)		2 ft/s-2 ft/s
5.3	Lowering speed (laden / unladen)		2 ft/s-2 ft/s
5.5	Drawbar pull (Laden / Unladen)		1940 daN / 1240 daN
5.7	Gradeability (laden / unladen)		20 % / 20 %
5.10	Service brake		Hydraulic
Engine			
7.1	Engine brand / model / nom		Kubota / V2607-CR-E5B / Stage V
7.2	Engine power (Hp / kW)		51 Hp/37.40 kW
7.3	Rated speed		2400 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 160 in³
Miscellaneous			
8.2	Working hydraulic pressure for attachments		2321 PSI
8.3	Oil flow rate for attachments		9 US gpm
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 84 dB

MI 25 D ST5 US - Dimensional drawing







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