Technical sheet:

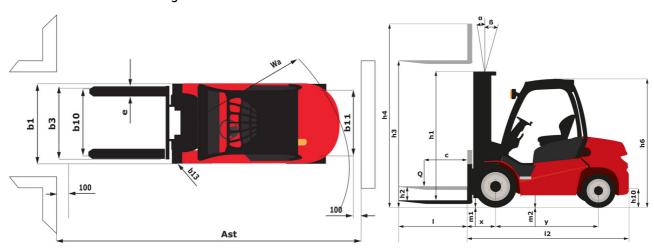
MI 15 D





		MI IS D Cleate	d on April 20, 2024 at 3:09:52 AM (
Т	echnical characteristics		Imperial
1.1 N	Manufacturer		Manitou
1.2 N	Model Name		MI 15 D
1.3 P	ower source		Diesel
1.4	perator type		Seated
	Max. capacity	Q	3307 lb
	oad center of gravity	C	20 in
	oad distance, centre of drive axle to fork	x	16 in
	/heelbase	y	56 in
	Veight	,	00 III
	ervice weight		6404 lb
	Veight on front axle (laden) / rear axle (laden)		8422 lb / 1290 lb
	Veight on front axle (Unladen) / rear axle (Unladen)		2921 lb / 3483 lb
	3 , , , ,		2921 ID / 3463 ID
	Vheels		0.515
	ires type		Solid tires
	limensions of front wheels		6.50-10 10
	limensions of rear wheels		5.00-8 8
	lumber of front wheels / rear wheels		2 / 2
	lumber of drive wheels		2
3.6 F	ront wheel gauge	b10	35 in
3.7 R	ear wheel gauge	b11	36 in
D	limensions		
4.7 H	leight of overhead guard (cabin)	h6	82 in
4.8 S	eat height/stand height	h7	46 in
4.12 H	leight of towing bar (coupling height)	h10	12 in
4.19 C	verall length	l1	130 in
4.20 L	ength to face of forks	12	88 in
	Iverall width	b1	43 in
	Iverall width - Single wheels	b1	43 in
	Iverall width - Twinned wheels	b1	59 in
	orks section / width / length	s / e / l	1 in x 4 in x 45 in
	ork carriage ISO 2328 (class/form) A/B	2, 2, 1	2A
	ork carriage width	b3	39 in
	Fround clearance below mast	m1	5 in
	Fround clearance at centre of wheelbase	m2	6 in
	isle Width for pallets 1000 x 1200 crossways	Ast	141 in
	isle width for 800 x 1200 pallet lengthways	Ast	149 in
	uming radius	Wa	78 in
	nternal turning radius (over tyres)	b13	2 in
	erformances		
	ravel speed (laden / unladen)		11 mph-12 mph
	ifting speed (laden / unladen)		2 ft/s-2 ft/s
	owering speed (laden / unladen)		2 ft/s-2 ft/s
	rawbar pull (Laden / Unladen)		1450 daN / 760 daN
	radeability (laden / unladen)		20 % / 20 %
5.10 S	ervice brake		Hydraulic
E	ingine		
7.1 E	ngine brand / model		Yanmar / 4TNE92-HRJ
7.2 E	ngine power according to ISO 1585		32.80 kW
	ated speed		2450 rpm
	lumber of cylinders / Capacity of cylinders		4 - 126 in³
	Aiscellaneous		
	Vorking hydraulic pressure for attachments		2321 PSI
	bil flow rate for attachments		15 US gpm
	Measured/guaranteed mean noise level at the ear of the operator		< 86 dB
	ound level at the driver's ear according to DIN 12 053		86 dB

MI 15 D - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 33	FVD 37	FVD 40
Mast/fork carriage tilt, forward	۰	6	6	6
Mast/fork carriage tilt, backward	۰	12	12	12
h1 - Mast lowered height	in	84.4	94.3	102.2
h2 - Mast free lift	in	6.1	6.1	6.1
h3 - Mast lifting height	in	129.9	145.7	157.5
h4 - Mast extended height	in	152.2	167.9	181.1
Residual capacity at max height	lb	3307	3307	3307
Residual capacity with integrated side shift at max heigth	lb	3307	3307	3307
Height at max capacity	in	129.9	145.7	157.5
Height at max capacity with integrated sideshift	in	129.9	145.7	157.5

Free Lift Duplex (FLD)		FLD 33	FLD 37	FLD 40
Mast/fork carriage tilt, forward	۰	6	6	6
Mast/fork carriage tilt, backward	۰	12	12	12
h1 - Mast lowered height	in	85	92.9	100.8
h2 - Mast free lift	in	62	69.9	77.8
h3 - Mast lifting height	in	129.9	145.7	157.5
h4 - Mast extended height	in	153	168.7	180.5
Residual capacity at max height	lb	3307	3307	3307
Residual capacity with integrated side shift at max heigth	lb	3307	3307	3307
Height at max capacity	in	129.9	145.7	157.5
Height at max capacity with integrated sideshift	in	129.9	145.7	157.5

Free Lift Triplex (FLT)		FLT 43	FLT 45	FLT 47	FLT 48	FLT 50	FLT 55	FLT 60	FLT 65
Mast/fork carriage tilt, forward	۰	6	6	6	6	6	3	3	3
Mast/fork carriage tilt, backward °		6	6	6	6	6	6	6	6
h1 - Mast lowered height	in	81.5	83.5	85.4	87.4	89.4	97.2	107.1	113
h2 - Mast free lift	in	55.1	59.1	62.4	63	66.3	74.2	82.7	86.6
h3 - Mast lifting height	in	169.3	177.2	185	189	196.9	216.5	236.2	255.9
h4 - Mast extended height	in	196.1	202	211.8	213.8	220.3	240	265	282.7
Residual capacity at max height	lb	2976	2866	2756	2756	2646	2094	1543	
Residual capacity with integrated side shift at max heigth	lb	2976	2866	2535	2535	2425	1874	1323	
Height at max capacity	in	157.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4





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