

Technical sheet :

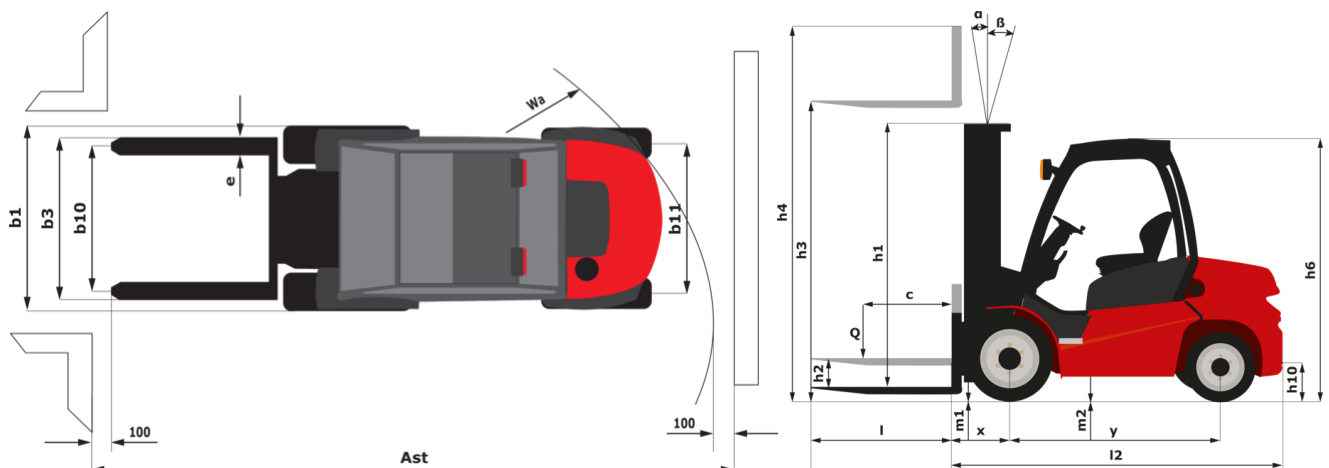
MSI 35 3B - FT4



 **MANITOU**
HANDLING YOUR WORLD

	Technical characteristics		Metric
1.1	Manufacturer		Manitou
1.2	Model Name		MSI 35 3B - FT4
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	3500 kg
1.6	Load center of gravity	c	500 mm
1.8	Load distance, centre of drive axle to fork	x	630 mm
1.9	Wheelbase	y	1800 mm
	Weight		
2.1	Service weight		4845 kg
2.2	Weight on front axle (laden) / rear axle (laden)		7430 kg / 915 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		1730 kg / 3115 kg
	Wheels		
3.1	Tires type		Pneumatic
3.2	Dimensions of front wheels		275/70 R22,5
3.3	Dimensions of rear wheels		7.00x12 14PR
3.5	Number of front wheels / rear wheels		2 / 2
3.5.2	Number of drive wheels		2
3.6	Front wheel gauge	b10	1046 mm
3.7	Rear wheel gauge	b11	1102 mm
	Dimensions		
4.8	Seat height/stand height	h7	1025 mm
4.12	Height of towing bar (coupling height)	h10	310 mm
4.19	Overall length	l1	4130 mm
4.20	Length to face of forks	l2	3030 mm
4.21	Overall width	b1	1323 mm
4.22	Forks section / width / length	s / e / l	45 mm x 125 mm x 1100 mm
4.23	Fork carriage ISO 2328 (class/form) A/B		3A
4.24	Fork carriage width	b3	1260 mm
4.31	Ground clearance below mast	m1	270 mm
4.32	Ground clearance at centre of wheelbase	m2	260 mm
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	4595 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	4695 mm
4.35	Turning radius	Wa	2635 mm
4.36	Internal turning radius (over tyres)	b13	150 mm
	Performances		
5.1	Travel speed (laden / unladen)		20 km/h-20 km/h
5.2	Lifting speed (laden / unladen)		0.40 m/s-0.50 m/s
5.3	Lowering speed (laden / unladen)		0.40 m/s-0.30 m/s
5.5	Drawbar pull (Laden / Unladen)		2640 daN / 1560 daN
5.7	Gradeability (laden / unladen)		29 % / 29 %
5.10	Service brake		Hydraulic
	Engine		
7.1	Engine brand / model		Kubota / V2403 CR TE4
7.2	Engine power according to ISO 1585		48.60 kW
7.3	Rated speed		2700 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 2434 cm³
	Miscellaneous		
8.1	Type of drive control		Hydraulic
8.2	Working hydraulic pressure for attachments		190 bar
8.3	Oil flow rate for attachments		45 l/min

MSI 35 3B - FT4 - Dimensional drawing



[illegible]



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