

Technical sheet :

ER 16



 **MANITOU**
HANDLING YOUR WORLD

The image contains two technical drawings of a vehicle chassis. The top drawing is a top-down view showing the chassis layout with dimensions: B (overall width), $b1$, $b2$, $b3$, $b4$, $b5$, a , and W_a (width of the engine compartment). The bottom drawing is a side view showing the chassis profile with dimensions: H (overall height), $h1$, $h2$, $h3$, $h4$, $h5$, $h6$, $h7$, $h8$, $h9$, $h10$, $h11$, $h12$, $h13$, $h14$, $h15$, $h16$, $h17$, $h18$, $h19$, $h20$, $h21$, $h22$, $h23$, $h24$, $h25$, $h26$, $h27$, $h28$, $h29$, $h30$, $h31$, $h32$, $h33$, $h34$, $h35$, $h36$, $h37$, $h38$, $h39$, $h40$, $h41$, $h42$, $h43$, $h44$, $h45$, $h46$, $h47$, $h48$, $h49$, $h50$, $h51$, $h52$, $h53$, $h54$, $h55$, $h56$, $h57$, $h58$, $h59$, $h60$, $h61$, $h62$, $h63$, $h64$, $h65$, $h66$, $h67$, $h68$, $h69$, $h70$, $h71$, $h72$, $h73$, $h74$, $h75$, $h76$, $h77$, $h78$, $h79$, $h80$, $h81$, $h82$, $h83$, $h84$, $h85$, $h86$, $h87$, $h88$, $h89$, $h90$, $h91$, $h92$, $h93$, $h94$, $h95$, $h96$, $h97$, $h98$, $h99$, $h100$, $h101$, $h102$, $h103$, $h104$, $h105$, $h106$, $h107$, $h108$, $h109$, $h110$, $h111$, $h112$, $h113$, $h114$, $h115$, $h116$, $h117$, $h118$, $h119$, $h120$, $h121$, $h122$, $h123$, $h124$, $h125$, $h126$, $h127$, $h128$, $h129$, $h130$, $h131$, $h132$, $h133$, $h134$, $h135$, $h136$, $h137$, $h138$, $h139$, $h140$, $h141$, $h142$, $h143$, $h144$, $h145$, $h146$, $h147$, $h148$, $h149$, $h150$, $h151$, $h152$, $h153$, $h154$, $h155$, $h156$, $h157$, $h158$, $h159$, $h160$, $h161$, $h162$, $h163$, $h164$, $h165$, $h166$, $h167$, $h168$, $h169$, $h170$, $h171$, $h172$, $h173$, $h174$, $h175$, $h176$, $h177$, $h178$, $h179$, $h180$, $h181$, $h182$, $h183$, $h184$, $h185$, $h186$, $h187$, $h188$, $h189$, $h190$, $h191$, $h192$, $h193$, $h194$, $h195$, $h196$, $h197$, $h198$, $h199$, $h200$, $h201$, $h202$, $h203$, $h204$, $h205$, $h206$, $h207$, $h208$, $h209$, $h210$, $h211$, $h212$, $h213$, $h214$, $h215$, $h216$, $h217$, $h218$, $h219$, $h220$, $h221$, $h222$, $h223$, $h224$, $h225$, $h226$, $h227$, $h228$, $h229$, $h230$, $h231$, $h232$, $h233$, $h234$, $h235$, $h236$, $h237$, $h238$, $h239$, $h240$, $h241$, $h242$, $h243$, $h244$, $h245$, $h246$, $h247$, $h248$, $h249$, $h250$, $h251$, $h252$, $h253$, $h254$, $h255$, $h256$, $h257$, $h258$, $h259$, $h260$, $h261$, $h262$, $h263$, $h264$, $h265$, $h266$, $h267$, $h268$, $h269$, $h270$, $h271$, $h272$, $h273$, $h274$, $h275$, $h276$, $h277$, $h278$, $h279$, $h280$, $h281$, $h282$, $h283$, $h284$, $h285$, $h286$, $h287$, $h288$, $h289$, $h290$, $h291$, $h292$, $h293$, $h294$, $h295$, $h296$, $h297$, $h298$, $h299$, $h300$, $h301$, $h302$, $h303$, $h304$, $h305$, $h306$, $h307$, $h308$, $h309$, $h310$, $h311$, $h312$, $h313$, $h314$, $h315$, $h316$, $h317$, $h318$, $h319$, $h320$, $h321$, $h322$, $h323$, $h324$, $h325$, $h326$, $h327$, $h328$, $h329$, $h330$, $h331$, $h332$, $h333$, $h334$, $h335$, $h336$, $h337$, $h338$, $h339$, $h340$, $h341$, $h342$, $h343$, $h344$, $h345$, $h346$, $h347$, $h348$, $h349$, $h350$, $h351$, $h352$, $h353$, $h354$, $h355$, $h356$, $h357$, $h358$, $h359$, $h360$, $h361$, $h362$, $h363$, $h364$, $h365$, $h366$, $h367$, $h368$, $h369$, $h370$, $h371$, $h372$, $h373$, $h374$, $h375$, $h376$, $h377$, $h378$, $h379$, $h380$, $h381$, $h382$, $h383$, $h384$, $h385$, $h386$, $h387$, $h388$, $h389$, $h390$, $h391$, $h392$, $h393$, $h394$, $h395$, $h396$, $h397$, $h398$, $h399$, $h400$, $h401$, $h402$, $h403$, $h404$, $h405$, $h406$, $h4$

Characteristics of masts and residual capacities

Free Lift Triplex (FLT)		FLT 48	FLT 54	FLT 63	FLT 68	FLT 73	FLT 80	FLT 85	FLT 90
α - Mast/fork carriage tilt, forward	°	3	3	3	3	3	3	3	3
β - Mast/fork carriage tilt, backward	°	1	1	1	1	1	1	1	1
h1 - Mast lowered height	mm	2140	2340	2640	2790	2957	3190	3673	3823
h2 - Mast free lift	mm	1600	1800	1900	2100	2400	2650	3100	3200
h3 - Mast lifting height	mm	4800	5400	6300	6750	7250	7950	8450	8950
h4 - Mast extended height	mm	5380	5980	6880	7330	7830	8530	9080	9530
Residual capacity with integrated side shift at max heighth	kg	1600	1600	1400	1100				



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