Technical sheet:

# MBL 745 HT + (BSV)

Manitou is committed to bringing value to its backhoe loaders by incorporating advanced and robust features for multi-application capabilities. Powered by a BS-V turbocharged engine, MBL 745 HT + variant is launched for improved operational economics for our customers. It comes with a variable displacement pump which improves hydraulics in handling flow rate and pressure based on load and improves the cycle time compared to other higher power engines.





Michaelian of American (Michaelian of Michaelian of American (Michaelian of Michaelian of Michaeli		<b>MBL 745 HT + (BSV)</b> Cre	ated on October 29, 2025 at 2:11 PM UT
Wilesting and American Member   1909   190	Capacities		Metric
Weight and Generations	Wheelbase 2 wheels drive		2185 mm
Weight and Gimenstoon   Unidedon very plant   20 P	Wheelbase 4 wheels drive		2140 mm
Stock   Stoc	Weight and dimensions		
Intention (application (AV 00 7)   1	Unladen weight with 2 WD		7860 kg
Unification weight with 4 M D Z in 1	Unladen weight with 2 WD 7 in 1		8150 kg
Deeal length   1	Unladen weight with 4 WD		
Decal   Marth   Decal   Deca	Unladen weight with 4 WD 7 in 1		8245 kg
Calc In height         66         2400 mm           Cestimed Intering radius over types (braked) / External turning radius over types (braked) 4W0         Wa1         3.30 n.9 28.5 m           External Luming radius over types (braked) / External turning radius over types (braked) 4W0         Wa1         3.30 n.9 2.85 m           External Luming radius over types (braked) / External turning radius over types (braked) 4W0         Wb5 / Wb5         5 m.7 5.55 m           External Luming radius over types (braked) / External turning radius over types (braked) 4W0         Wb5 / Wb5         5 m.7 5.55 m           External Luming radius over types (braked) / External turning radius over types (braked) 4W0         Wb5 / Wb5         5 m.7 5.55 m           Substanced (stand / Fara)         Wb5 / Wb5         9.0 x 15 - 18 PW / 15.9 2.29 13PR         9.0 x 15 - 18 PW / 15.9 2.29 13PR         9.0 x 15 - 18 PW / 15.9 2.29 13PR         9.0 x 15 - 18 PW / 15.9 2.29 13PR         9.0 x 15 - 18 PW / 15.9 2.29 13PR         9.0 x 15 - 18 PW / 15.9 2.29 13PR         9.0 x 15 - 18 PW / 15.9 2.29 13PR         9.0 x 15 - 18 PW / 15.9 2.29 13PR         9.0 x 15 - 18 PW / 15.9 2.29 13PR         9.0 x 15 - 18 PW / 15.9 2.29 13PR         9.0 x 15 - 18 PW / 15.9 2.29 13PR         9.0 x 15 - 18 PW / 15.9 2.29 13PR         9.0 x 15 - 18 PW / 15.9 2.29 13PR         9.0 x 15 - 18 PW / 15.9 2.29 13PR         9.0 x 15 - 18 PW / 15.9 2.29 13PR         9.0 x 15 - 18 PW / 15.9 2.29 13PR         9.0 x 15 - 18 PW / 15.9 2.29 13PR         9.0 x 15 - 18 PW / 15.9 2.29 13PR         9.0 x 15 - 18	Overall length	I1	7290 mm
Decal lamping   Decal lampin	Overall width	b1	2330 mm
External braning adular over types (packed)   External braning adulars over types (packed)   AVD   A3 m /	Cabin height	h6	2900 mm
External tuning addiso over types (unbraked)   External tuning addiso over bucket (baked)   External tuning a	Overall height	h17	3790 mm
External huming radius over bucket (braked) / External huming radius over bucket (braked) 4WD         8/85         5.75 m           Standard lites if ront / rear         9.9 x 16-16 RP / 159 x 28-12R9         9.9 x 16-16 RP / 159 x 28-12R9           Standard lites if ront / rear         2         2.000 mm         2.000 mm           Rear axile center to siew center         c.3         1.000 mm         3.15 mm           Rear axile center to siew center         c.3         1.000 mm         3.15 mm           Rear axile center to siew center         c.3         1.000 mm         3.15 mm           Rear axile center to siew center         c.3         1.000 mm         3.15 mm           Rear axile center to siew center         c.3         1.000 mm         3.15 mm           Rear axile center to siew center         c.3         1.000 mm         3.15 mm           Rear axile center to siew center         c.3         1.000 mm         3.15 mm           Travel speed forward 1st / 2nd         c.3         1.000 mm         4.000 mm         3.000 mm <t< td=""><td>External turning radius over tyres (braked) / External turning radius over tyres (braked) 4WD</td><td>Wa1</td><td>3.30 m / 3.85 m</td></t<>	External turning radius over tyres (braked) / External turning radius over tyres (braked) 4WD	Wa1	3.30 m / 3.85 m
External tuming radius over bucket (unbraked)         9,9 % 1.6.16 PR/ 1.5.9 x 28120R           Subtaded tites (front / rear)         9,9 % 1.6.16 PR/ 1.5.9 x 28120R           Optional lites (front / rear)         9,8 % 1.6.16 PR/ 1.5.9 x 28120R           Optional lites (front / rear)         c2         2,2000 mm           Read at twelling         c3         1,308 mm           Netural celerators         m4         315 mm           Notifications         m6         400 mm           Reformances         m6         MMM           Replication model 7 mm         m6         MMM           Displacement         m6         MCWR3311074CESA Trunchasped CEV 85V-185V           Displacement         m6         MCWR3311074CESA Trunchasped CEV 85V-185V           Displacement         m6         MCWR3311074CESA Trunchasped CEV 85V-185V           Displacement         m6         MCWR331074CESA Trunchasped CEV 85V-185V           Displacement         m6         MCWR331074CESA Trunchasped CEV 85V-185V           Satisfy Trunchasped CEV 85V-185V         MCWR33107	External turning radius over tyres (unbraked) / External turning radius over tyres (unbraked) 4WD	Wa1	4.30 m / 4.20 m
Sandard lises front / rear	External turning radius over bucket (braked) / External turning radius over bucket (braked) 4WD	Wa5 / Wa5	5 m / 5.55 m
Sandard later from / mar		Wa5	5.75 m
PR   16 x x 2 x 12 PR   Reser at test welling	Standard tires front / rear		9.0 x 16 - 16 PR / 16.9 x 28-12PR
Rear axie center to siew center         cd         1308 mm           Ground clearance         m4         33 5 mm           Tracel speed forward 1st / 2nd         \$.4 km/h / .60 km/h           Tracel speed forward 1st / 2nd         19.90 km/h / .40 km/h           Engine model         19.90 km/h / .40 km/h           Engine model / norm         MCVNCSSTI074CESA Tutocchanged CEV ISV - ISV	Optional tires (front / rear)		9.0 x 16 - 16 PR / 12.5 x 18 - 12 PR / 14.0 x 25 - 20
Dispute Clearance   m4   315 mm   m4   315 mm   m4   m4   m4   m4   m4   m4   m4	Reach at travelling	c2	2030 mm
Performances         S.40 km/h / E60 km/h           Travel speed forward 1st / Znd         S.40 km/h / E60 km/h           Englished         1590 km/h / 40 km/h           Englished         MAM           Englished         MAMM           Englished         MCWC3ST074CESA Turbochsarged CEV 88-V-88-V-88-V-88-V-88-V-88-V-88-V-88	Rear axle center to slew center	с3	1308 mm
Travel speed forward 1st / 2nd         1.90 km/h / 8.60 km/h           Tarvel speed forward 3nd / 4th         1.90 km/h / 40 km/h           Engine         1.90 km/h / 40 km/h           Engine brand         M&M           Insignie model / nom         MCWNC35TI074CESA Turbochanged CEV 8S-V - 8S-V           Displacement         3.50 l           Engine power (kW) / Gross Power         55 kW @ 2000 pm           Mak. Schage / Engine retation         400 Nm g 1200 pm           Battery Vallage / capacity         12 V / 165 Ah           Transmission brand         Carrano           Number of gears (floward / reverse)         4 / 4           Groupe converter stall tatlo         2, 2, 64.1           Service brake         Wet disc brakes           Hybraulic flow         13 l/min           Main relief pressure         225 bar           Hybraulic off         75 l           Updated capacity         16 l           Fuel tath         30 l           Transmission oil         13 l           Equip tata stall tatlo         17.50 l           Uniter axia         17.50 l           Uniter axia         17.50 l           Uniter axia         17.50 l           Uniter axia         17.50 l <t< td=""><td>Ground clearance</td><td>m4</td><td>315 mm</td></t<>	Ground clearance	m4	315 mm
Time I speed forward 3 rd / 4 hh         19.90 km/h / 40 km/h           Singline         M&M           Engine broad         M&M           Engine power (kW) / Gross Power         3.50 l           Engine power (kW) / Gross Power         55 kW @ 2200 rpm           Mass. torque / Engine rotation         400 Nm @ 1200 rpm           Battery voltage / Engine rotation         12 V / 165 Ah           Intransmission brand         Carrano           Unimode of gears (forward / reverse)         4,7 4           Forque converter stall ratio         2,64:1           Sevice brake         Wet disc brakes           Hybraulic Intransmission brand         4,7 4           Vet disc brakes         Wet disc brakes           Hybraulic Intransmission brand         2,64:1           Main neilef pressure         225 bar           Hybraulic Intransmission of Intransmis	Performances		
Engine         MEM           Engine model / norm         MEM           Displacement         S.5 bil           Engine power (kW) / Gross Power         S.5 kW @ 2200 rpm           Axa. torque / Engine potation         400 Nm @ 1200 rpm           Battery ollage / capacity         12 V / 165 Ah           Transmission brand         Cararto           Number of gears (floward / reverse)         4,1 4           Croque converter stall ratio         2 25 bar           Service banke         Wet disc brakes           Hydraulic flow         133 l/min           Main relief pressure         25 bar           Hydraulic pump type         Axial piston           Transmission oil         75 l           Liquid cooling tank volume         15 l           Fuel tank         130 l           Transmission oil         133 l           Fingine oil         13.50 l           Booket         17.50 l           Engine engine volume         2 27 m²           Booket         2 27 m²           Booket         2 27 m²           Width backbee bucket         889 mm           Loader standard capacity         2 23 mm           Width backbee bucket         2 28 mm           Load	Travel speed forward 1st / 2nd		5.40 km/h / 8.60 km/h
Engine brand         MEM           Engine brand         MCWN35TIP74CESA Turbochanged CEV BSV - BSV           Engine power (kW) / Gross Power         5.50             Max. turque / Engine rotation         55 kW @ 2000 pm           Max. turque / Engine rotation         12 V / 165 Ah           Transmission         Carrato           Transmission brand         Carrato           Number of gears (forward / reverse)         4 / 4           Course converter stall ratio         Wet disc brakes           Hydraulic flow         143 l/min           Main neiler pressure         225 bar           Hydraulic pump type         Axial piston           Tank assables         310 l           Hydraulic pump type         75 l           Liquid cooling tank volume         16 l           Liquid acoling tank volume         17.50 l           Engine oil         17.50 l           Engine oil         17.50 l           Direct         20 c           Backche standard capacity         20 c           Width backche bucket         889 mm           Loader standard capacity         2235 mm           Width backche bucket         889 mm           Loader standard capacity         2235 mm           Width backch	Travel speed forward 3rd / 4th		19.90 km/h / 40 km/h
Engine model / norm    September   Septem	Engine		
Displacement   S.5 M   S.5	Engine brand		M&M
Engine power (kW) / Gross Power         55 kW @ 2200 rpm           Max. torque / Engine rotation         400 km @ 1200 rpm           Battery voltage / Engine rotation         12 V / 165 Ah           Transmission         Carraro           Number of geas (forward / reverse)         4 / 4           Torque converter stall ratio         2,64:1           Service brake         Wet disc brakes           Hydraulier         25 bar           Hydraulier flow         143 l/min           Main neller pressure         225 bar           Hydraulier oll         25 bar           Tank capacities         751           Hydraulier oil         751           Euclat ank         130 l           Transmission oil         17,50 l           Euglier oil         13,50 l           Dil rear avial         17,10 l           Dil rear avial AWD         17,50 l           Bucket         89 mm           Loader standard capacity         1 m²           Width backhoe bucket         89 mm           Loader standard capacity         1 m²           Width backhoe bucket         2235 m           Miscellaneous         2235 m           Power steering         Yes           Front steer	Engine model / norm		MCVNC35TI074CE5A Turbocharged CEV BS-V - BS-V
Max. torque / Engine rotation         400 Nm @ 1200 rpm           Battley voltage / capacity         12 V / 165 Ah           Transmission brand         Carrano           Number of gears (forward / reverse)         4 / 4           Service brake         264:1           Service brake         Wet disc brakes           Hydraulies         225 bar           Hydraulie flow         143 l/min           Main relief pressure         225 bar           Hydraulie out         25 bar           Hydraulie out         75 1           Liquid cooling tank volume         161           Fuel bank         130 i           Transmission oil         17.50 i           Engine oil         13.50 i           Oil rear axle         17.50 i           Dil rear axle 4WD         17.50 i           Backhoe standard capacity         0.27 m²           Width backhoe bucket         889 mm           Loader standard capacity         1 m³           Width loader bucket         2235 mm           Coader standard capacity         2235 mm           Front steer axle of oscillation 4WD         20 °           Front steer axle of oscillation 4WD         16 °	Displacement		3.50 l
Battery voltage / capacity         12 V / 165 Ah           Transmission         Cararro           Number of gears (forward / reverse)         4 / 4           Torque converter stall ratio         Wet disc brakes           Hydraulic Bow         Wet disc brakes           Hydraulic Browsure         225 bar           Hydraulic pressure         Axial piston           Hydraulic pump type         Axial piston           Tank capacities         75 I           Liquid cooling tank volume         16 I           Fuel tank         130 I           Transmission oil         17.50 I           Engine oil         13.35 I           Oil rear axle         17.10 I           Oil rear axle 4WD         17.50 I           Bucket         88 mm           Backhoe standard capacity         0.27 m²           Width backhoe bucket         889 mm           Loader standard capacity         1 m²           Width loader bucket         2235 mm           Miscellaneous         7es           Power steefing         Yes           Front steer axle of oscillation 4WD         20 °	Engine power (kW) / Gross Power		55 kW @ 2200 rpm
Transmission         Cararon           Transmission brand         Cararon           Number of gears (forward / reverse)         4 / 4           Torque converter stall ratio         2.64:1           Service brake         Wet disc brakes           Hydraulife flow         143 l/min           Main relief pressure         225 bar           Hydraulife pump type         Axial piston           Trank capacities         751           Hydraulife oil         751           Liquid cooling tank volume         161           Euel tank         130 l           Transmission oil         17.50 l           Engine oil         13.50 l           Oil rear axle         17.10 l           Oil rear axle 4WD         17.50 l           Bucket         889 mm           Backhoe standard capacity         0.27 m²           Width backhoe bucket         889 mm           Loader standard capacity         2235 mm           Miscellaneous         7en           Power steefing         7en           Front steer axle of oscillation 4WD         7e	Max. torque / Engine rotation		400 Nm @ 1200 rpm
Transmission brand         Cararo           Number of gears (forward / reverse)         4 / 4           Service brake         26.41           Service brake         Wet disc brakes           Hydraulics         143 l/min           Main relief pressure         225 bar Hydraulicy prophyse           Main relief pressure         Xxial piston           Hydraulic oil         751           Liquid cooling tank volume         161           Liquid cooling tank volume         17.50 l           Engine oil         17.50 l           Oil rear axle         17.50 l           Oil rear axle         17.50 l           Oil rear axle 4WD         17.50 l           Bocket         889 mm           Bocket         889 mm           Loader standard capacity         2.27 m²           Width backhoe bucket         889 mm           Loader standard capacity         2.23 mm           Width loader bucket         2.23 mm           Width loader bucket         2.23 mm           Width loader bucket         2.23 mm           Front steer axle of oscillation 4WD         16 °	Battery voltage / capacity		12 V / 165 Ah
Number of gears (forward / reverse)         4 / 4           Torque converter stall ratio         2.64:1           Service brake         Wet disc brakes           Hydraulic flow         143 l/min           Main relief pressure         225 bar           Hydraulic pump type         Axial piston           Tank capacities         75 l           Hydraulic oil         15 l           Liquid cooling tank volume         16 l           Evel tank         130 l           Ernamission oil         17.50 l           Engine oil         13.50 l           Oil rear axle         17.50 l           Bucket         17.50 l           Bucket         89 mm           Loader standard capacity         9.27 m²           Width backhoe bucket         89 mm           Loaders standard capacity         1 m³           Width loader bucket         2235 mm           Milscellaneous         2235 mm           Power steering         Yes           Front steer axle of oscillation 4WD         20°           Front steer axle of oscillation 4WD         16 °	Transmission		
Torque converter stall ratio         2.64:1           Service brake         Wet disc brakes           Hydraulics         143 l/min           Hydraulic flow         143 l/min           Main relief pressure         225 bar           Hydraulic pump type         Axial piston           Tank capacities	Transmission brand		Саптаго
Service brake         Wet disc brakes           Hydraulics         143 l/min           Hydraulic pressure         225 bar           Hydraulic pump type         Axial piston           Tank capacities         75 l           Hydraulic oil         16 l           Liquid cooling tank volume         130 l           Fuel tank         130 l           Transmission oil         17.50 l           Engine oil         13.50 l           Oil rear axle         17.10 l           Oil rear axle         17.50 l           Bucket         20.27 m²           Bucket         889 mm           Loader standard capacity         0.27 m²           Width backhoe bucket         2235 mm           Miscellaneous         4           Power steering         Yes           Front steer axle of oscillation 2WD         20 °           Front steer axle of oscillation 4WD         16 °	Number of gears (forward / reverse)		4 / 4
Hydraulics         Hydraulic flow         143 l/min           Main relief pressure         225 bar           Hydraulic pump type         Axial piston           Tank capacities         Tolation           Hydraulic oil         75 l           Liquid cooling tank volume         16 l           Fuel tank         130 l           Transmission oil         17.50 l           Engine oil         13.50 l           Oil rear axle         17.10 l           Oil rear axle 4WD         17.50 l           Bucket         889 mm           Backhoe standard capacity         1 m³           Width backhoe bucket         889 mm           Loader standard capacity         1 m³           Width loader bucket         2235 mm           Miliscellaneous         Yes           Power steering         Yes           Front steer axle of oscillation 2WD         20 °           Front steer axle of oscillation 4WD         16 °	Torque converter stall ratio		2.64:1
Hydraulic flow       143 I/min         Main relief pressure       225 bar         Hydraulic pump type       Axial piston         Tank capacities       State of the public pump type         Hydraulic oll       75 I         Liquid cooling tank volume       16 I         Fuel tank       130 I         Transmission oil       17.50 I         Engine oil       13.50 I         Oil rear axle       17.50 I         Bucket       17.50 I         Backhoe standard capacity       0.27 m³         Width backhoe bucket       889 mm         Loader standard capacity       2235 mm         Width loader bucket       2235 mm         Missellaneous       Yes         Power steering       Yes         Front steer axle of oscillation 2WD       20°         Front steer axle of oscillation 4WD       16°	Service brake		Wet disc brakes
Main relief pressure       225 bar         Hydraulic pump type       Axial piston         Tank capacities       75 l         Liquid cooling tank volume       16 l         Fuel tank       130 l         Transmission oil       17.50 l         Engine oil       13.50 l         Oil rear axle       17.10 l         Oil rear axle 4WD       17.50 l         Backhoe standard capacity       0.27 m²         Width backhoe bucket       889 mm         Loader standard capacity       389 mm         Width loader bucket       889 mm         Miscellaneous       2235 mm         Power steering       Yes         Front steer axle of oscillation 2WD       20°         Front steer axle of oscillation 4WD       16°	Hydraulics		
Hydraulic pump type         Axial piston           Tank capacities         Table of the cooling tank volume         75 I           Fuel tank         16 I         16 I           Fuel tank         130 I         17.50 I           Engine oil         13.50 I         18 I           Foil rear axle         17.10 I         17.50 I           Bucket         17.50 I         18 I           Backhoe standard capacity         0.27 m³         18 I           Width backhoe bucket         889 mm         1 m³           Loader standard capacity         2235 mm           Width loader bucket         2235 mm           Miscellaneous         Yes           Power steering         Yes           Front steer axle of oscillation 2WD         20 °           Front steer axle of oscillation 4WD         16 °	Hydraulic flow		143 l/min
Tank capacities         75 1           Hydraulic oil         75 1           Liquid cooling tank volume         16 1           Fuel tank         130 I           Transmission oil         17.50 I           Engine oil         13.50 I           Oil rear axle         17.10 I           Oil rear axle 4WD         17.50 I           Bucket         17.50 I           Backhoe standard capacity         0.27 m³           Width backhoe bucket         889 mm           Loader standard capacity         1 m³           Width loader bucket         2235 mm           Miscellaneous         Yes           Power steering         Yes           Front steer axle of oscillation 2WD         20 °           Front steer axle of oscillation 4WD         16 °	Main relief pressure		225 bar
Hydraulic oil       75 l         Liquid cooling tank volume       16 l         Fuel tank       130 l         Transmission oil       17.50 l         Engine oil       13.50 l         Oil rear axle       17.10 l         Die rar axle 4WD       17.50 l         Bucket       88 ckhoe standard capacity         Width backhoe bucket       889 mm         Loader standard capacity       1 m³         Width loader bucket       2235 mm         Miscellaneous       Yes         Front steer axle of oscillation 2WD       20 °         Front steer axle of oscillation 4WD       16 °	Hydraulic pump type		Axial piston
Liquid cooling tank volume       16 I         Fuel tank       130 I         Transmission oil       17.50 I         Engine oil       13.50 I         Oil rear axle       17.10 I         Oil rear axle 4WD       17.50 I         Bucket       880 mm         Backhoe standard capacity       0.27 m³         Width backhoe bucket       889 mm         Loader standard capacity       1 m³         Width loader bucket       2235 mm         Miscellaneous       Yes         Front steer axle of oscillation 2WD       20°         Front steer axle of oscillation 4WD       16°	Tank capacities		
Fuel tank  Transmission oil  Engine oil  Oil rear axle  Oil rear axle  Oil rear axle 4WD  Bucket  Backhoe standard capacity  Width backhoe bucket  Loader standard capacity  Width loader bucket  Width loader bucket  Miscellaneous  Power steering  Front steer axle of oscillation 2WD  Front steer axle of oscillation 4WD  13.50 I  17.50 I	Hydraulic oil		75 I
Transmission oil       17.50 I         Engine oil       13.50 I         Oil rear axle       17.10 I         Oil rear axle 4WD       17.50 I         Bucket       880 mm         Backhoe standard capacity       0.27 m³         Width backhoe bucket       889 mm         Loader standard capacity       1 m³         Width loader bucket       2235 mm         Miscellaneous       Yes         Front steer axle of oscillation 2WD       20 °         Front steer axle of oscillation 4WD       16 °	Liquid cooling tank volume		16 l
Engine oil       13.50 I         Oil rear axle       17.10 I         Oil rear axle 4WD       17.50 I         Bucket       800         Backhoe standard capacity       0.27 m³         Width backhoe bucket       889 mm         Loader standard capacity       1 m³         Width loader bucket       2235 mm         Miscellaneous       Yes         Front steer axle of oscillation 2WD       20 °         Front steer axle of oscillation 4WD       16 °	Fuel tank		130 l
Dil rear axle       17.10 I         Dil rear axle 4WD       17.50 I         Bucket       U         Backhoe standard capacity       0.27 m³         Width backhoe bucket       889 mm         Loader standard capacity       1 m³         Width loader bucket       2235 mm         Miscellaneous       Yes         Front steer axle of oscillation 2WD       20 °         Front steer axle of oscillation 4WD       16 °	Transmission oil		17.50 l
17.50 I Bucket Backhoe standard capacity Width backhoe bucket Loader standard capacity Width loader bucket Loader standard capacity Width loader bucket Standard capacity Width loader bucket Standard capacity Width loader bucket Standard capacity The standard capacity Standard capac	Engine oil		13.50 I
Bucket Backhoe standard capacity Width backhoe bucket Loader standard capacity Width loader bucket 1 m³ Width loader bucket 2235 mm Miscellaneous Power steering Front steer axle of oscillation 2WD Front steer axle of oscillation 4WD  Control teer axle of oscillation 4WD	Oil rear axle		17.10 l
Backhoe standard capacity  Width backhoe bucket  Loader standard capacity  Width loader bucket  I m³  2235 mm  Miscellaneous  Power steering  Front steer axle of oscillation 2WD  Front steer axle of oscillation 4WD  O.27 m³  889 mm  1 m³  2235 mm  Yes  400 °  160 °	Oil rear axle 4WD		17.50 l
Width backhoe bucket 889 mm  Loader standard capacity 1 m³  Width loader bucket 2235 mm  Miscellaneous  Power steering Yes  Front steer axle of oscillation 2WD  Front steer axle of oscillation 4WD 16 °	Bucket		
Loader standard capacity  Width loader bucket  Miscellaneous  Power steering Front steer axle of oscillation 2WD  Front steer axle of oscillation 4WD  1 m³ 2235 mm  **Common Steer axle of oscillation 4WD  1 m³ 2035 mm  **Common Steer axle of oscillation 4WD	Backhoe standard capacity		0.27 m³
Width loader bucket  Miscellaneous  Power steering Front steer axle of oscillation 2WD  Front steer axle of oscillation 4WD  2235 mm  Yes  220°  16°	Width backhoe bucket		889 mm
Miscellaneous Power steering Front steer axle of oscillation 2WD Front steer axle of oscillation 4WD  16 °	Loader standard capacity		1 m³
Power steering Yes Front steer axle of oscillation 2WD 20 ° Front steer axle of oscillation 4WD 16 °	Width loader bucket		2235 mm
Front steer axle of oscillation 2WD 20 ° Front steer axle of oscillation 4WD 16 °	Miscellaneous		
Front steer axle of oscillation 4WD 16 °	Power steering		Yes
	Front steer axle of oscillation 2WD		
Steering wheels (front / rear) 2 / 2	Front steer axle of oscillation 4WD		16 °
	Steering wheels (front / rear)		2/2

### Performance backhoe

p1 - Max dig depth (mm)
r1 - Max reach ground level to slew center (mm)
r2 - Max loading reach (mm)
Max operating height (mm)
Max loading height (mm)
p2 - Max straight wall dig depth (mm)
a10 - Max bucket rotation (°)
Total side shift (mm)
Dipper tearout (kgF)
Bucket tearout (kgF)
Hydraulic lift capacity (kg)

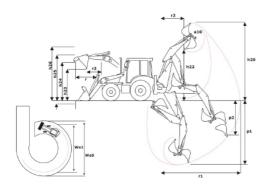
Standard dipper
4741
5730
1996
5626
3871
2602
194
1198
3942
5810
1460

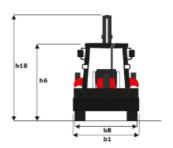
## Performance loader

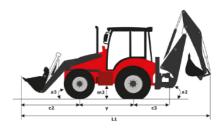
Max dump angle (°)	
h26 - Max operating height (loader version) (mm)	
h23 - Max dump height at 45° (mm)	
h24 - Max loadover height (mm)	
h25 - Max hinge pin height (mm)	
r3 - Max reach at full height 45° (mm)	
p3 - Below ground dig depth (mm)	
a13 - Rollback at ground (°)	
Shovel breakout (kgf)	
Arms breakout (kgF)	
Lifting capacity at full height (kg)	

Standard shovel
51
4230
2780
3310
3570
710
156
45
5229
4691
3467

#### MBL 745 HT + (BSV) - Dimensional drawing











#### **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



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