



# NEW HOLLAND

## **MH PLUS**



NET FLYWHEEL POWER	105 kW - 141 hp
MAXIMUM OPERATING WEIGHT	18 490 kg
BUCKET CAPACITY (CECE)	0.23 - 0.81 m <sup>3</sup>



**NEW HOLLAND**

**CONSTRUCTION**

**BUILT AROUND YOU**

# MH PLUS SPECIFICATIONS



## ENGINE TIER 3A

Net engine power (ISO 14396/ECE R120).....	105 kW/141 hp
Rated .....	2000 rpm
Make and model .....	CNH 667TA/MEC
Type.....	diesel 4-stroke, direct injection, turbocharged and intercooler
Displacement.....	6.7 l
Number of cylinders .....	6
Bore x stroke .....	104 x 132 mm
Maximum torque at 1200 rpm .....	575 Nm

**Remote engine oil filter** for easy replacement

**Auto-Idling selector** returns engine to minimum rpm when all controls are in neutral position

**-25° C outside temperature start** as standard equipment

*The engine complies with 97/68/EC standards TIER 3A*



## ELECTRICAL SYSTEM

Voltage.....	24 V
Batteries .....	2 x 12 V
Battery Rating (Each).....	100 Ah
Alternator.....	70 A
Starter Motor .....	4 kW



## HYDRAULIC SYSTEM

Primary pumps .....	3 variable displacement, axial piston
Total maximum flow .....	2 x 145 + 80 l/min
Implement / travel pressure .....	340/345 bar
Power Boost .....	370 bar
Swing circuit pressure .....	390 bar
Pilot pump.....	45 bar
Boom cylinder mono.....	115 x 1065
Boom cylinder 2-piece boom.....	115 x 1012
Arm cylinder .....	120 x 1085
Bucket cylinder .....	105 x 1025
Positioning cylinder .....	160 x 759

Control and monitoring system (Pump Control System IV). Electrohydraulic servo-control.

Three-pump hydraulics with two main pumps and separate swing pump. Monitoring of engine and pumps by power limit control. 7 selectable power stages for digging and lifting.

Levelling mode for smooth operation.

Automatic power increase in the drive mode.



## SWING DRIVE

Swing speed .....	9.5 rpm
Swing torque.....	42 kNm

The swing function is operated by a hydraulic closed circuit coupled with a mechanical reducer integrating an automatic static brake.

The hydrostatic swing brake is adjustable in 3 settings.



## TRANSMISSION

Field travel speed .....	8 km/h
Road travel speed .....	20 km/h
Higher road travel speed (optional).....	30 km/h
Maximum drawbar pull (field).....	91 kN

Robust, laser-welded frame in box-section design.

Patented multi-disc brake for smooth working.

Multi-disc gearbox shiftable under load.

Spacious tool box under the step (right-hand side).



## CAB AND CONTROLS

Sound absorbing cab in soft design.

Tinted safety glass all around, insertable front window.

Sunshade, roof window, transparent rain shield.

LC display with integrated diagnosis function.

Incline adjustable steering column.

Ergonomic design of armrests and foot pedals, armrest is height adjustable. Operator's seat individually adjustable in height and inclination.

Pre-installation for radio and loudspeaker.



## BRAKE SYSTEM

Service brakes: oil bath disc type acting on all four wheels.

Work brake: acts on service brakes and locks front axle oscillation.

Parking brake: spring type mechanical acting on the transmission.

Emergency brake: double braking circuit and automatic parking

brake actuation with the engine shut down.



## STEERING

Type.....ORBITROL with safety valve

Pump.....gear type

Steering cylinder .....

one, double effect

Turning circle diameter (with 10.00-20 twin tyres) .....

16.0 m



## TYRES

Twin tyres.....	10.00-20
	315/80-22.5

Single tyres .....	600/40-22.5
--------------------	-------------

Tyre availability can be limited by local homologation.



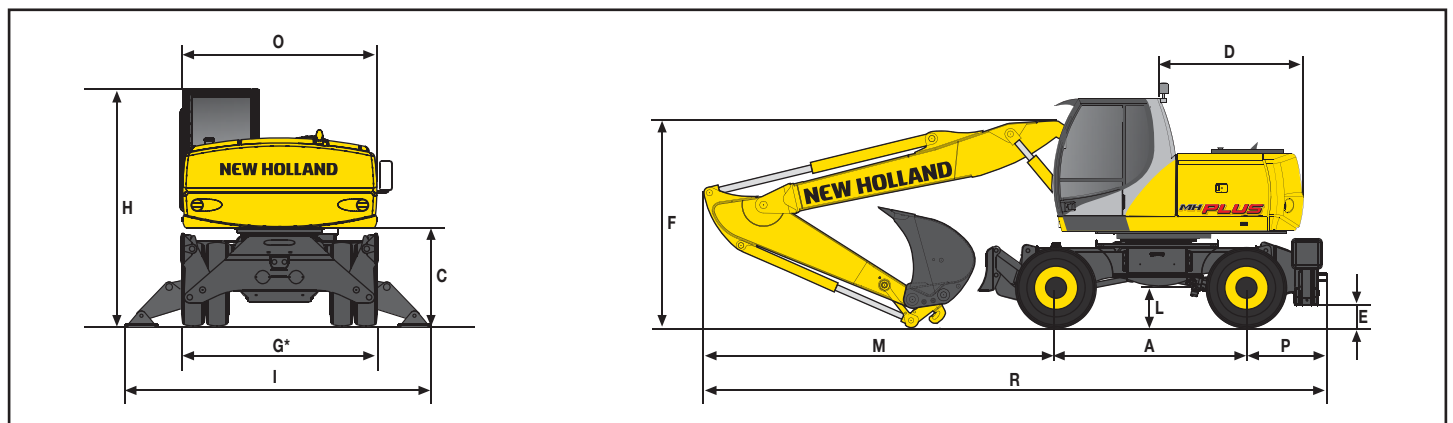
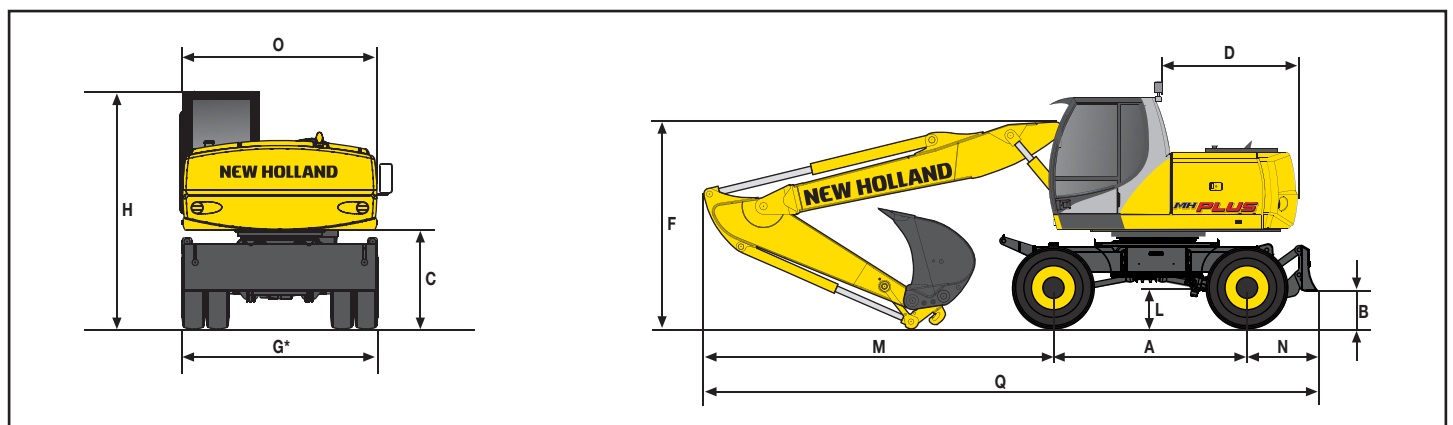
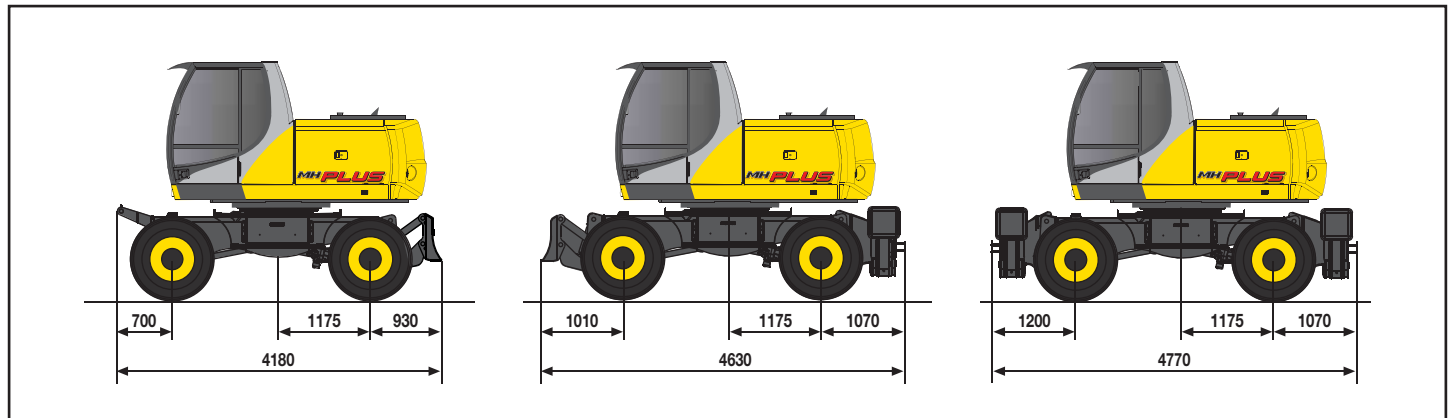
## CAPACITIES

	Litres
Engine oil.....	16
Cooling system.....	26
Fuel tank .....	270
Hydraulic tank .....	140

# TRIPLE ARTICULATION

## DIMENSIONS (mm) - OPERATING WEIGHTS

Equipped with twin tyres 10.00 - 20



DIPPERSTICK	A	B	C	D	E	F	G*	H	I	L	M	N	O	P	Q	R
2300 <sup>(1)</sup>	2550	430	1220	1900	300	2920	2520	3010	3900	395	4810	930	2540	1070	8290	8430
2600 <sup>(1)</sup>	2550	430	1220	1900	300	2980	2520	3010	3900	345	4820	930	2540	1070	8300	8440
2900	2550	430	1220	1900	300	3045	2520	3010	3900	345	4805	930	2540	1070	8285	8425

<sup>(1)</sup> Dipperstick approved for unescorted road travel

G = max width of tyres

O = max machine width

\* With twin tyres 315/80-22.5: .....2535 mm

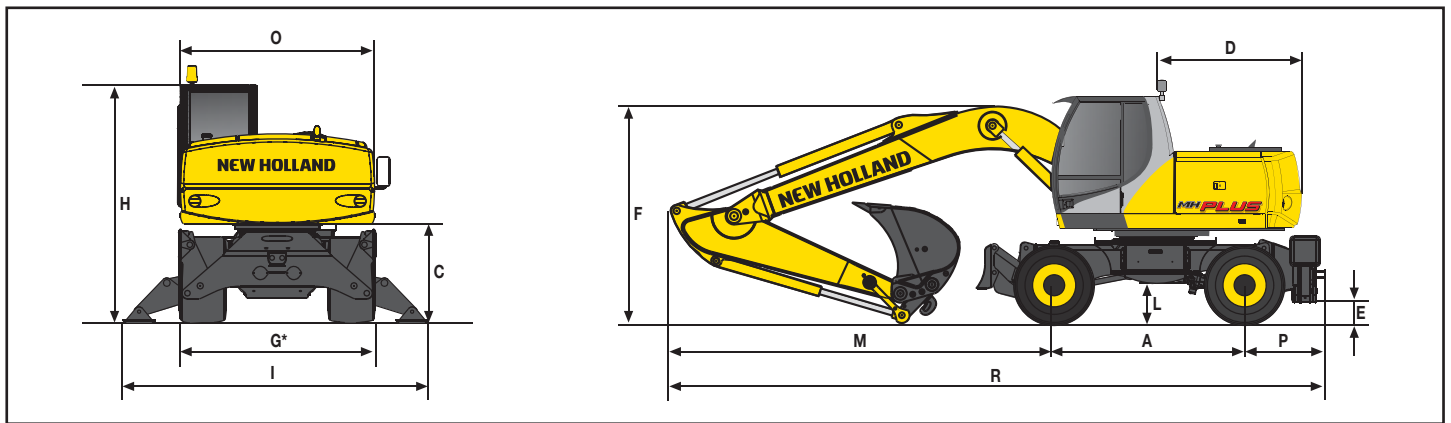
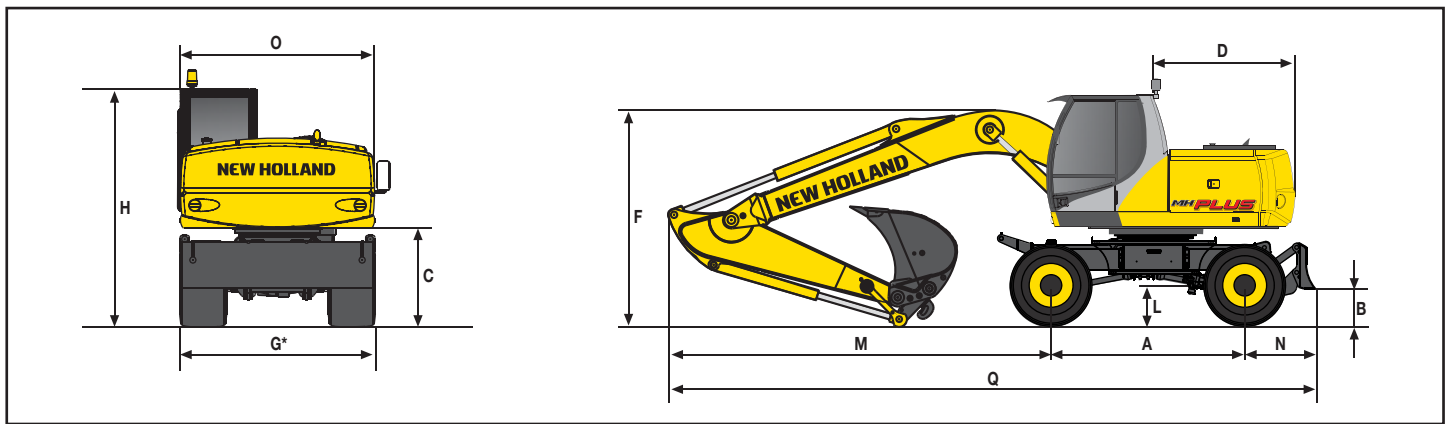
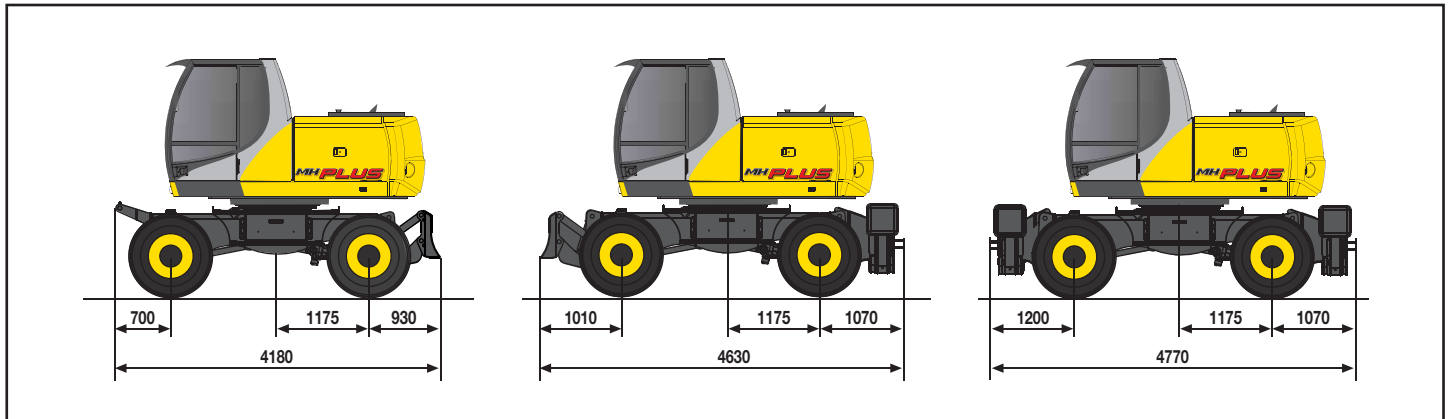
\* With single tyres 600/40-22.5: .....2490 mm

DIPPERSTICK (mm)	REAR BLADE (kg)	REAR STABILISERS (kg)	FRONT BLADE AND REAR STABILISERS (kg)	FRONT AND REAR STABILISERS (kg)
2300	17470	17480	17900	18400
2600	17510	17520	17940	18440
2900	17560	17570	17990	18490

# ONE PIECE BOOM

## DIMENSIONS (mm) - OPERATING WEIGHTS

Equipped with single tyres 600/40 - 22.5



DIPPERSTICK	A	B	C	D	E	F	G*	H	I	L	M	N	O	P	Q	R
2300	2550	430	1220	1900	300	2905	2490	3010	3900	345	4545	930	2540	1070	8025	8165
2600	2550	430	1220	1900	300	3130	2490	3010	3900	345	4615	930	2540	1070	8095	8235
2900	2550	430	1220	1900	300	3400	2490	3010	3900	345	4550	930	2540	1070	8030	8170

G = max width of tyres

O = max machine width

\* With twin tyres 10.00-20: .....2535 mm

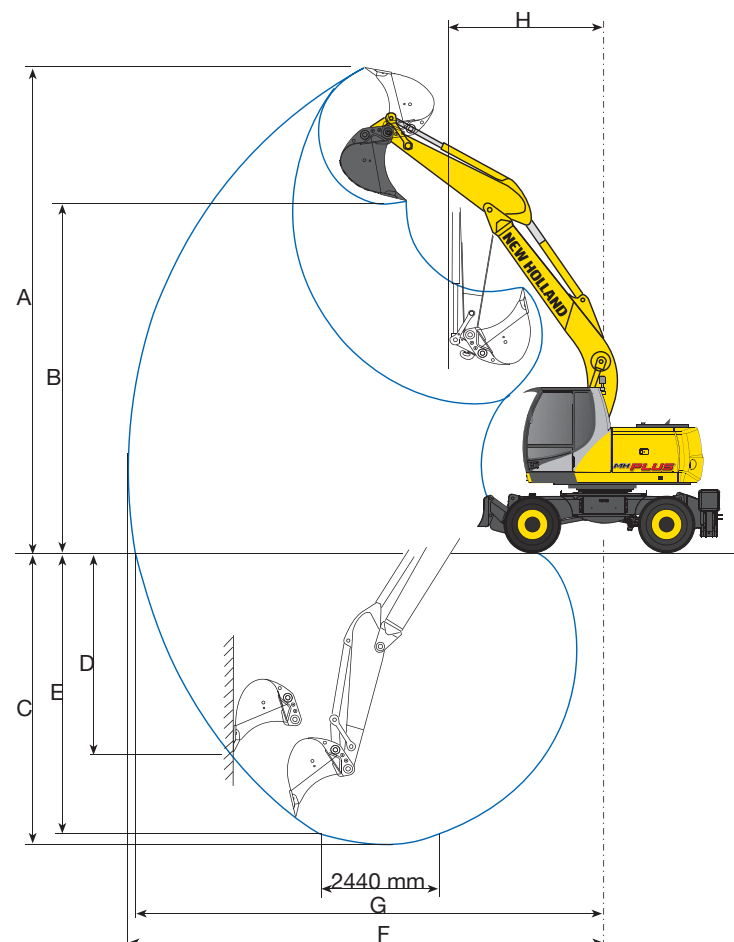
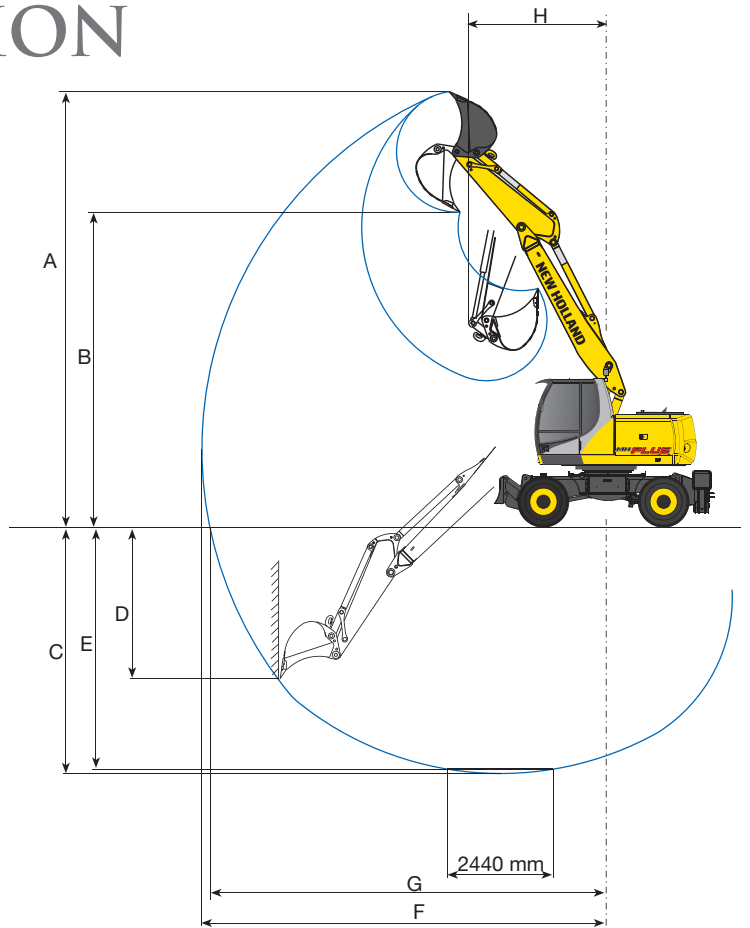
\* With twin tyres 315/80-22.5: .....2500 mm

DIPPERSTICK (mm)	REAR BLADE (kg)	REAR STABILISERS (kg)	FRONT BLADE AND REAR STABILISERS (kg)	FRONT AND REAR STABILISERS (kg)
2300	16790	16800	17220	17720
2600	16830	16840	17260	17760
2900	16880	16890	17310	17810

# TRIPLE ARTICULATION

## DIGGING PERFORMANCES

DIPPERSTICK	mm	2300	2600	2900
A	mm	9835	10070	10305
B	mm	7100	7335	7570
C	mm	5455	5755	6050
D	mm	4210	4490	4770
E	mm	5345	5650	5950
F	mm	9030	9315	9605
G	mm	8840	9130	9425
H	mm	2805	2895	2990
Bucket breakout force (370 bar)	kN	106.4	106.4	106.4
Dipperstick breakout force (370 bar)	kN	70.7	65.4	60.7



# ONE PIECE BOOM

## DIGGING PERFORMANCES

DIPPERSTICK	mm	2300	2600	2900
A	mm	8960	9140	9320
B	mm	6275	6455	6635
C	mm	5415	4715	6015
D	mm	3930	4210	4490
E	mm	5170	5495	5815
F	mm	8720	9000	9280
G	mm	8520	8805	9095
H	mm	2815	2840	2865
Bucket breakout force (370 bar)	kN	106.4	106.4	106.4
Dipperstick breakout force (370 bar)	kN	70.7	65.4	60.7

# MHPIUS

## TRIPLE ARTICULATION - LIFTING CAPACITIES

Bucket (CECE): 0.48 m<sup>3</sup> - 510 kg  
VALUES ARE EXPRESSED IN TONNES

### REAR BLADE

#### DIPPERSTICK 2300 mm

##### BLADE UP

HEIGHT	REACH										
	3,0 m		4,5 m		6,0 m		7,5 m		AT MAX. REACH		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH
+7.5 m			3.9*	3.9					2.3*	2.3*	5.3
+6.0 m			4.1*	4.0	3.6*	2.3			2.0*	1.8	6.7
+4.5 m			5.0*	3.9	3.8	2.4			1.9*	1.4	7.5
+3.0 m	9.2*	6.9	5.8	3.8	3.7	2.4	2.4	1.4	1.9*	1.2	7.9
+1.5 m	10.1*	6.8	5.7	3.7	3.7	2.3	2.4	1.3	2.1	1.1	8.0
0.0 m	11.2	6.6	5.8	3.6	3.5	2.1	2.3	1.3	2.1	1.2	7.8
-1.5 m	11.3	6.2	5.6	3.3	3.3	1.9			2.4	1.3	7.2
-3.0 m	11.0	6.0	5.3	3.0	3.2	1.8			3.0	1.7	6.2
-4.5 m											

##### BLADE DOWN

HEIGHT	REACH										
	3,0 m		4,5 m		6,0 m		7,5 m		AT MAX. REACH		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH
+7.5 m			3.9*	3.9*					2.3*	2.3*	5.3
+6.0 m			4.1*	4.1*	3.6*	2.7			2.0*	2.0*	6.7
+4.5 m			5.0*	4.4	4.2*	2.8			1.9*	1.7	7.5
+3.0 m	9.2*	7.9	6.3*	4.3	4.7*	2.8	3.4*	1.7	1.9*	1.4	7.9
+1.5 m	10.1*	7.8	7.7*	4.2	5.4*	2.7	3.8*	1.6	2.1*	1.4	8.0
0.0 m	12.1*	7.8	8.4*	4.1	5.8	2.5	3.7*	1.5	2.4*	1.4	7.8
-1.5 m	14.1*	7.3	8.5*	3.9	5.9	2.3			2.9*	1.6	7.2
-3.0 m	14.7*	7.2	8.6*	3.6	4.7*	2.2			4.0*	2.1	6.2
-4.5 m											

#### DIPPERSTICK 2600 mm

##### BLADE UP

HEIGHT	REACH										
	3,0 m		4,5 m		6,0 m		7,5 m		AT MAX. REACH		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH
+7.5 m			3.6*	3.6*					1.9*	1.9*	5.8
+6.0 m					3.4*	2.4			1.7*	1.6	7.0
+4.5 m			4.2*	3.9	3.8	2.4	2.4	1.4	1.6*	1.3	7.8
+3.0 m	9.4*	7.0	5.8	3.7	3.7	2.4	2.4	1.4	1.6*	1.1	8.2
+1.5 m	10.2*	6.7	5.7	3.7	3.7	2.4	2.4	1.4	1.7*	1.0	8.3
0.0 m	11.1	6.7	5.7	3.6	3.6	2.2	2.3	1.3	2.0	1.1	8.1
-1.5 m	11.3	6.2	5.6	3.3	3.4	2.0	2.2	1.2	2.2	1.2	7.5
-3.0 m	11.1	6.0	5.3	3.1	3.2	1.8			2.7	1.5	6.6
-4.5 m	10.8	5.8							6.4	3.6	4.0

##### BLADE DOWN

HEIGHT	REACH										
	3,0 m		4,5 m		6,0 m		7,5 m		AT MAX. REACH		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH
+7.5 m			3.6*	3.6*					1.9*	1.9*	5.8
+6.0 m					3.4*	2.8			1.7*	1.7*	7.0
+4.5 m			4.2*	4.2*	4.0*	2.8	2.6*	1.7	1.6*	1.5	7.8
+3.0 m	9.4*	8.1	5.9*	4.3	4.4*	2.7	3.5*	1.7	1.6*	1.3	8.2
+1.5 m	10.2*	7.8	7.4*	4.2	5.2*	2.7	4.1	1.6	1.7*	1.3	8.3
0.0 m	11.5*	7.8	8.3*	4.2	5.7*	2.5	4.0	1.5	2.0*	1.3	8.1
-1.5 m	13.7*	7.4	8.4*	3.9	5.9	2.3	2.7*	1.5	2.4*	1.4	7.5
-3.0 m	14.5*	7.2	8.7*	3.6	5.4*	2.2			3.4*	1.8	6.6
-4.5 m	11.4*	7.0							7.1*	4.3	4.0

#### DIPPERSTICK 2900 mm

##### BLADE UP

HEIGHT	REACH										
	3,0 m		4,5 m		6,0 m		7,5 m		AT MAX. REACH		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH
+7.5 m					2.2*	2.2*			1.6*	1.6*	6.2
+6.0 m					3.1*	2.4			1.4*	1.4*	7.4
+4.5 m			3.5*	3.5*	3.6*	2.4	2.5	1.5	1.3*	1.2	8.1
+3.0 m	8.7*	7.0*	5.5*	3.8	3.7	2.4	2.5	1.5	1.4*	1.0	8.5
+1.5 m	9.9*	6.7	5.6	3.7	3.6	2.4	2.4	1.4	1.5*	0.9	8.6
0.0 m	11.0	6.7	5.6	3.6	3.6	2.2	2.3	1.3	1.7*	1.0	8.4
-1.5 m	11.2	6.2	5.6	3.3	3.4	2.0	2.2	1.2	2.0	1.1	7.9
-3.0 m	11.0	6.0	5.3	3.1	3.2	1.8			2.5	1.4	7.0
-4.5 m	10.7	5.7	5.2	2.9					4.5	2.6	4.9

##### BLADE DOWN

HEIGHT	REACH										
	3,0 m		4,5 m		6,0 m		7,5 m		AT MAX. REACH		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH
+7.5 m					2.2*	2.2*			1.6*	1.6*	6.2
+6.0 m					3.1*	2.8			1.4*	1.4*	7.4
+4.5 m			3.5*	3.5*	3.6*	2.8	2.8*	1.7	1.3*	1.3*	8.1
+3.0 m	8.7*	8.1	5.5*	4.3	4.3*	2.7	3.3*	1.7	1.4*	1.2	8.5
+1.5 m	9.9*	7.8	7.1*	4.1	5.0*	2.7	3.9*	1.7	1.5*	1.2	8.6
0.0 m	11.1*	7.8	8.1*	4.1	5.6*	2.6	4.0	1.6	1.7*	1.2	8.4
-1.5 m	13.3*	7.4	8.3*	3.9	5.8	2.3	3.7*	1.5	2.0*	1.3	7.9
-3.0 m	14.3*	7.1	8.6*	3.6	5.7*	2.2			2.8*	1.6	7.0
-4.5 m	12.7*	6.9	6.6*	3.5					5.5*	3.0	4.9

As per ISO 10567 with excavator equipped with bucket. The indicated load is no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Value marked with an asterisk are limited by the hydraulic system.

# TRIPLE ARTICULATION - LIFTING CAPACITIES

Bucket (CECE): 0.48 m<sup>3</sup> - 510 kg  
VALUES ARE EXPRESSED IN TONNES

## REAR STABILISERS

### DIPPERSTICK 2300 mm

#### STABILISERS UP

HEIGHT	REACH										
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH
+7.5 m			3.9*	3.7					2.3*	2.3*	5.3
+6.0 m			4.1*	3.8	3.6*	2.2			2.0*	1.7	6.7
+4.5 m			5.0*	3.7	3.8	2.3			1.9*	1.3	7.5
+3.0 m	9.2*	6.7	5.8	3.6	3.8	2.3	2.4	1.3	1.9*	1.1	7.9
+1.5 m	10.1*	6.5	5.7	3.5	3.8	2.2	2.4	1.3	2.1	1.0	8.0
0.0 m	11.3	6.3	5.8	3.4	3.6	2.0	2.3	1.2	2.2	1.1	7.8
-1.5 m	11.4	5.9	5.6	3.2	3.4	1.8			2.4	1.2	7.2
-3.0 m	11.2	5.7	5.3	2.9	3.3	1.7			3.1	1.6	6.2
-4.5 m											

#### STABILISERS DOWN

HEIGHT	REACH										
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH
+7.5 m			3.9*	3.9*					2.3*	2.3*	5.3
+6.0 m			4.1*	4.1*	3.6*	3.1			2.0*	2.0*	6.7
+4.5 m			5.0*	5.0	4.2*	3.2			1.9*	1.9*	7.5
+3.0 m	9.2*	9.2*	6.3*	4.9	4.7*	3.1	3.4*	1.9	1.9*	1.7	7.9
+1.5 m	10.1*	9.1	7.7*	4.8	5.3	3.1	3.6	1.9	2.1*	1.6	8.0
0.0 m	12.1*	9.3	8.4*	4.8	5.4	2.9	3.6	1.8	2.4*	1.7	7.8
-1.5 m	14.1*	8.9	8.5*	4.6	5.2	2.7			2.9*	1.9	7.2
-3.0 m	14.7*	8.7	8.6*	4.2	4.7*	2.6			4.0*	2.4	6.2
-4.5 m											

### DIPPERSTICK 2600 mm

#### STABILISERS UP

HEIGHT	REACH										
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH
+7.5 m			3.6*	3.6*					1.9*	1.9*	5.8
+6.0 m					3.4*	2.3			1.7*	1.5	7.0
+4.5 m			4.2*	3.7	3.8	2.3	2.5	1.3	1.6*	1.2	7.8
+3.0 m	9.4*	6.8	5.8	3.6	3.7	2.3	2.5	1.3	1.6*	1.0	8.2
+1.5 m	10.2*	6.5	5.7	3.5	3.7	2.3	2.4	1.3	1.7*	1.0	8.3
0.0 m	11.1	6.4	5.7	3.4	3.6	2.1	2.3	1.2	2.0	1.0	8.1
-1.5 m	11.4	5.9	5.7	3.2	3.4	1.8	2.2	1.1	2.2	1.1	7.5
-3.0 m	11.2	5.7	5.4	2.9	3.2	1.7			2.8	1.4	6.6
-4.5 m	10.9	5.5							6.5	3.5	4.0

#### STABILISERS DOWN

HEIGHT	REACH										
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH
+7.5 m			3.6*	3.6*					1.9*	1.9*	5.8
+6.0 m					3.4*	3.1			1.7*	1.7*	7.0
+4.5 m			4.2*	4.2*	4.0*	3.2	2.6*	2.0	1.6*	1.6*	7.8
+3.0 m	9.4*	9.4	5.9*	4.9	4.4*	3.1	3.5*	2.0	1.6*	1.6	8.2
+1.5 m	10.2*	9.1	7.4*	4.8	5.2*	3.1	3.6	1.9	1.7*	1.5	8.3
0.0 m	11.5*	9.2	8.3*	4.8	5.3	3.0	3.6	1.8	2.0*	1.6	8.1
-1.5 m	13.7*	9.0	8.4*	4.6	5.3	2.7	2.7*	1.7	2.4*	1.7	7.5
-3.0 m	14.5*	8.7	8.7*	4.3	5.1	2.6			3.4*	2.2	6.6
-4.5 m	11.4*	8.5							7.1*	5.1	4.0

### DIPPERSTICK 2900 mm

#### STABILISERS UP

HEIGHT	REACH										
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH
+7.5 m					2.2*	2.2			1.6*	1.6*	6.2
+6.0 m					3.1*	2.3			1.4*	1.4	7.4
+4.5 m			3.5*	3.5*	3.6*	2.3	2.5	1.4	1.3*	1.1	8.1
+3.0 m	8.7*	6.8	5.5*	3.6	3.7	2.3	2.5	1.4	1.4*	0.9	8.5
+1.5 m	9.9*	6.5	5.7	3.5	3.7	2.3	2.4	1.3	1.5*	0.9	8.6
0.0 m	11.1	6.4*	5.7	3.5	3.7	2.1	2.3	1.2	1.7*	0.9	8.4
-1.5 m	11.3	5.9	5.7	3.2	3.4	1.9	2.2	1.1	2.0*	1.0	7.9
-3.0 m	11.1	5.7	5.4	2.9	3.2	1.7			2.5	1.3	7.0
-4.5 m	10.8	5.5	5.2	2.8					4.6	2.4	4.9

#### STABILISERS DOWN

HEIGHT	REACH										
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH
+7.5 m					2.2*	2.2*			1.6*	1.6*	6.2
+6.0 m					3.1*	3.1*			1.4*	1.4*	7.4
+4.5 m			3.5*	3.5*	3.6*	3.2	2.8*	2.0	1.3*	1.3*	8.1
+3.0 m	8.7*	8.7*	5.5*	4.9	4.3*	3.1	3.3*	2.0	1.4*	1.4*	8.5
+1.5 m	9.9*	9.1	7.1*	4.7	5.0*	3.1	3.7	1.9	1.5*	1.4	8.6
0.0 m	11.1*	9.1	8.1*	4.7	5.3	3.0	3.6	1.8	1.7*	1.4	8.4
-1.5 m	13.3*	9.0	8.3*	4.6	5.3	2.7	3.5	1.7	2.0*	1.6	7.9
-3.0 m	14.3*	8.7	8.6*	4.3	5.1	2.6			2.8*	2.0	7.0
-4.5 m	12.7*	8.4	6.6*	4.1					5.5*	3.6	4.9

As per ISO 10567 with excavator equipped with bucket. The indicated load is no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Value marked with an asterisk are limited by the hydraulic system.

# MH PLUS

## TRIPLE ARTICULATION - LIFTING CAPACITIES

Bucket (CECE): 0.48 m<sup>3</sup> - 510 kg

VALUES ARE EXPRESSED IN TONNES

### FRONT BLADE - REAR STABILISERS

### FOUR STABILISERS

#### DIPPERSTICK 2300 mm

##### BLADE - STABILISERS DOWN

HEIGHT	REACH										
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH
+7.5 m			3.9*	3.9*					2.3*	2.3*	5.3
+6.0 m			4.1*	4.1*	3.6*	3.6*			2.0*	2.0*	6.7
+4.5 m			5.0*	5.0*	4.2*	4.1			1.9*	1.9*	7.5
+3.0 m	9.2*	9.2*	6.3*	6.3*	4.7*	4.1	3.4*	2.7	1.9*	1.9*	7.9
+1.5 m	10.1*	10.1*	7.7*	6.3	5.4*	4.1	3.8*	2.6	2.1*	2.1*	8.0
0.0 m	12.1*	12.1*	8.4*	6.3	5.9*	3.9	3.7*	2.6	2.4*	2.4	7.8
-1.5 m	14.1*	13.0	8.5*	6.3	6.0*	3.8			2.9*	2.7	7.2
-3.0 m	14.7*	13.0	8.6*	6.0	4.7*	3.6			4.0*	3.4	6.2
-4.5 m											

##### STABILISERS DOWN

HEIGHT	REACH										
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH
+7.5 m			3.9*	3.9*					2.3*	2.3*	5.3
+6.0 m			4.1*	4.1*	3.6*	3.6*			2.0*	2.0*	6.7
+4.5 m			5.0*	5.0*	4.2*	4.2*			1.9*	1.9*	7.5
+3.0 m	9.2*	9.2*	6.3*	6.3*	4.7*	4.7*	3.4*	3.4*	1.9*	1.9*	7.9
+1.5 m	10.1*	10.1*	7.7*	7.7	5.4*	4.9	3.8*	3.3	2.1*	2.1*	8.0
0.0 m	12.1*	12.1*	8.4*	7.7	5.9*	5.0	3.7*	3.3	2.4*	2.4*	7.8
-1.5 m	14.1*	14.1*	8.5*	8.0	6.0*	4.8			2.9*	2.9*	7.2
-3.0 m	14.7*	14.7*	8.6*	7.7	4.7*	4.7			4.0*	4.0*	6.2
-4.5 m											

#### DIPPERSTICK 2600 mm

##### BLADE - STABILISERS DOWN

HEIGHT	REACH										
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH
+7.5 m			3.6*	3.6*					1.9*	1.9*	5.8
+6.0 m					3.4*	3.4*			1.7*	1.7*	7.0
+4.5 m			4.2*	4.2*	4.0*	4.0*	2.6*	2.6*	1.6*	1.6*	7.8
+3.0 m	9.4*	9.4*	5.9*	5.9*	4.4*	4.1	3.5*	2.7	1.6*	1.6*	8.2
+1.5 m	10.2*	10.2*	7.4*	6.3	5.2*	4.0	4.1*	2.7	1.7*	1.7*	8.3
0.0 m	11.5*	11.5*	8.3*	6.3	5.7*	4.0	4.2*	2.6	2.0*	2.0*	8.1
-1.5 m	13.7*	12.8	8.4*	6.3	5.9*	3.8	2.7*	2.5	2.4*	2.4*	7.5
-3.0 m	14.5*	13.0	8.7*	6.0	5.4*	3.6			3.4*	3.1	6.6
-4.5 m	11.4*	11.4*							7.1*	7.1*	4.0

##### STABILISERS DOWN

HEIGHT	REACH										
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH
+7.5 m			3.6*	3.6*					1.9*	1.9*	5.8
+6.0 m					3.4*	3.4*			1.7*	1.7*	7.0
+4.5 m			4.2*	4.2*	4.0*	4.0*	2.6*	2.6*	1.6*	1.6*	7.8
+3.0 m	9.4*	9.4*	5.9*	5.9*	4.4*	4.4*	3.5*	3.4	1.6*	1.6*	8.2
+1.5 m	10.2*	10.2*	7.4*	7.4*	5.2*	4.9	4.1*	3.4	1.7*	1.7*	8.3
0.0 m	11.5*	11.5*	8.3*	7.7	5.7*	4.9	4.2*	3.3	2.0*	2.0*	8.1
-1.5 m	13.7*	13.7*	8.4*	7.8	5.9*	4.8	2.7*	2.7*	2.4*	2.4*	7.5
-3.0 m	14.5*	14.5*	8.7*	7.8	5.4*	4.6			3.4*	3.4*	6.6
-4.5 m	11.4*	11.4*							7.1*	7.1*	4.0

#### DIPPERSTICK 2900 mm

##### BLADE - STABILISERS DOWN

HEIGHT	REACH										
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH
+7.5 m					2.2*	2.2*			1.6*	1.6*	6.2
+6.0 m					3.1*	3.1*			1.4*	1.4*	7.4
+4.5 m			3.5*	3.5*	3.6*	3.6*	2.8*	2.7	1.3*	1.3*	8.1
+3.0 m	8.7*	8.7*	5.5*	5.5*	4.3*	4.0	3.3*	2.7	1.4*	1.4*	8.5
+1.5 m	9.9*	9.9*	7.1*	6.2	5.0*	4.0	3.9*	2.7	1.5*	1.5*	8.6
0.0 m	11.1*	11.1*	8.1*	6.2	5.6*	4.0	4.2*	2.6	1.7*	1.7*	8.4
-1.5 m	13.3*	12.7	8.3*	6.3	5.8*	3.8	3.7*	2.5	2.0*	2.0*	7.9
-3.0 m	14.3*	13.0	8.6*	6.0	5.7*	3.6			2.8*	2.8*	7.0
-4.5 m	12.7*	12.7	6.6*	5.9					5.5*	5.1	4.9

##### STABILISERS DOWN

HEIGHT	REACH										
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH		
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH
+7.5 m					2.2*	2.2*			1.6*	1.6*	6.2
+6.0 m					3.1*	3.1*			1.4*	1.4*	7.4
+4.5 m			3.5*	3.5*	3.6*	3.6*	2.8*	2.8*	1.3*	1.3*	8.1
+3.0 m	8.7*	8.7*	5.5*	5.5*	4.3*	4.3*	3.3*	3.3*	1.4*	1.4*	8.5
+1.5 m	9.9*	9.9*	7.1*	7.1*	5.0*	4.9	3.9*	3.4	1.5*	1.5*	8.6
0.0 m	11.1*	11.1*	8.1*	7.6	5.6*	4.9	4.2*	3.3	1.7*	1.7*	8.4
-1.5 m	13.3*	13.3*	8.3*	7.7	5.8*	4.8	3.7*	3.2	2.0*	2.0*	7.9
-3.0 m	14.3*	14.3*	8.6*	7.8	5.7*	4.6			2.8*	2.8*	7.0
-4.5 m	12.7*	12.7*	6.6*	6.6*					5.5*	5.5*	4.9

As per ISO 10567 with excavator equipped with bucket. The indicated load is no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Value marked with an asterisk are limited by the hydraulic system.



# ONE PIECE BOOM - LIFTING CAPACITIES

Bucket (CECE): 0.48 m<sup>3</sup> - 510 kg  
VALUES ARE EXPRESSED IN TONNES

## REAR BLADE

### DIPPERSTICK 2300 mm

#### BLADE UP

HEIGHT	REACH											
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH			
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH	
+7.5 m									2.3*	2.3*	4.8	
+6.0 m					2.9*	2.3			1.9*	1.9*	6.3	
+4.5 m			4.7*	3.8	3.6	2.3			1.9*	1.6	7.1	
+3.0 m	10.0*	6.5	5.7	3.5	3.5	2.1	2.3*	1.4	2.0*	1.4	7.6	
+1.5 m			5.3	3.1	3.4	2.0	2.3	1.3	2.2*	1.3	7.7	
0.0 m	5.1*	5.1*	5.1	2.9	3.2	1.9			2.3	1.3	7.4	
-1.5 m	8.5*	5.3	5.0	2.8	3.2	1.8			2.6	1.5	6.9	
-3.0 m	10.3	5.5	5.0	2.9					3.4	2.0	5.8	
-4.5 m												

#### BLADE DOWN

HEIGHT	REACH											
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH			
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH	
+7.5 m									2.3*	2.3*	4.8	
+6.0 m					2.9*	2.6			1.9*	1.9*	6.3	
+4.5 m			4.7*	4.3	4.3*	2.6			1.9*	1.8	7.1	
+3.0 m	10.0*	7.6	6.2*	4.0	4.9*	2.5	2.3*	1.6	2.0*	1.6	7.6	
+1.5 m			7.7*	3.6	5.6*	2.3	3.1*	1.6	2.2*	1.5	7.7	
0.0 m	5.1*	5.1*	8.5*	3.4	5.8	2.2			2.6*	1.6	7.4	
-1.5 m	8.5*	6.4	8.4*	3.4	5.7	2.2			3.4*	1.8	6.9	
-3.0 m	10.8*	6.6	7.2*	3.4					5.0*	2.3	5.8	
-4.5 m												

### DIPPERSTICK 2600 mm

#### BLADE UP

HEIGHT	REACH											
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH			
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH	
+7.5 m									1.9*	1.9*	5.3	
+6.0 m					3.0*	2.3			1.6*	1.6*	6.6	
+4.5 m					3.7	2.3			1.6*	1.4	7.4	
+3.0 m	8.9*	6.7	5.7	3.5	3.5	2.1	2.4	1.4	1.6*	1.2	7.8	
+1.5 m	4.8*	4.8*	5.3	3.1	3.4	2.0	2.3	1.3	1.8*	1.2	7.9	
0.0 m	5.2*	5.2	5.0	2.9	3.2	1.9	2.2	1.3	2.1	1.2	7.7	
-1.5 m	7.9*	5.3	4.9	2.8	3.2	1.8			2.4	1.3	7.2	
-3.0 m	10.2	5.4	5.0	2.8	3.2	1.8			3.1	1.8	6.2	
-4.5 m	7.5*	5.7							4.6*	3.1	4.5	

#### BLADE DOWN

HEIGHT	REACH											
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH			
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH	
+7.5 m									1.9*	1.9*	5.3	
+6.0 m					3.0*	2.7			1.6*	1.6*	6.6	
+4.5 m					4.0*	2.6			1.6*	1.6*	7.4	
+3.0 m	8.9*	7.8	5.8*	4.0	4.6*	2.5	2.9*	1.6	1.6*	1.5	7.8	
+1.5 m	4.8*	4.8*	7.4*	3.7	5.4*	2.3	3.7*	1.6	1.8*	1.4	7.9	
0.0 m	5.2*	5.2*	8.4*	3.4	5.7	2.2	3.4*	1.5	2.1*	1.4	7.7	
-1.5 m	7.9*	6.3	8.4*	3.3	5.7	2.1			2.8*	1.6	7.2	
-3.0 m	11.4*	6.5	7.5*	3.4	5.1*	2.2			4.2*	2.1	6.2	
-4.5 m	7.5*	6.8							4.6*	3.6	4.5	

### DIPPERSTICK 2900 mm

#### BLADE UP

HEIGHT	REACH											
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH			
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH	
+7.5 m									1.6*	1.6*	5.7	
+6.0 m					2.9*	2.3			1.4*	1.4*	7.0	
+4.5 m					3.6*	2.3	2.0*	1.4	1.3*	1.3	7.7	
+3.0 m	7.8*	6.9	5.3*	3.5	3.5	2.2	2.4	1.4	1.4*	1.1	8.1	
+1.5 m	6.4*	5.7	5.4	3.2	3.4	2.0	2.3	1.3	1.5*	1.1	8.2	
0.0 m	5.4*	5.3	5.0	2.9	3.2	1.8	2.2	1.2	1.8*	1.1	8.0	
-1.5 m	7.5*	5.2	4.9	2.8	3.1	1.8			2.2	1.2	7.5	
-3.0 m	10.1	5.3	4.9	2.8	3.1	1.8			2.8	1.6	6.6	
-4.5 m	8.5*	5.6	5.1	2.9					4.4	2.5	5.0	

#### BLADE DOWN

HEIGHT	REACH											
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH			
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH	
+7.5 m									1.6*	1.6*	5.7	
+6.0 m					2.9*	2.7			1.4*	1.4*	7.0	
+4.5 m					3.6*	2.6	2.0*	1.7	1.3*	1.3*	7.7	
+3.0 m	7.8*	7.8*	5.3*	4.1	4.4*	2.5	3.1*	1.6	1.4*	1.4	8.1	
+1.5 m	6.4*	6.4*	7.1*	3.7	5.2*	2.3	3.9*	1.6	1.5*	1.3	8.2	
0.0 m	5.4*	5.4*	8.2*	3.4	5.7	2.2	3.9	1.5	1.8*	1.3	8.0	
-1.5 m	7.5*	6.3	8.4*	3.3	5.6	2.1			2.3*	1.5	7.5	
-3.0 m	11.3*	6.4	7.7*	3.3	5.3*	2.1			3.3*	1.9	6.6	
-4.5 m	8.5*	6.7	5.5*	3.5					4.6*	3.0	5.0	

As per ISO 10567 with excavator equipped with bucket. The indicated load is no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Value marked with an asterisk are limited by the hydraulic system.

# MH PLUS

## ONE PIECE BOOM - LIFTING CAPACITIES

Bucket (CECE): 0.48 m<sup>3</sup> - 510 kg  
VALUES ARE EXPRESSED IN TONNES

### REAR STABILISERS

#### DIPPERSTICK 2300 mm

##### STABILISERS UP

HEIGHT	REACH											
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH			
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH	
+7.5 m										2.3*	2.3*	4.8
+6.0 m					2.9*	2.2				1.9*	1.9	6.3
+4.5 m			4.7*	3.6	3.7	2.1				1.9*	1.5	7.1
+3.0 m	10.0*	6.2	5.7	3.3	3.6	2.0	2.3*	1.3		2.0*	1.3	7.6
+1.5 m			5.4	3.0	3.4	1.9	2.3	1.2		2.2*	1.2	7.7
0.0 m	5.1*	5.0	5.1	2.7	3.3	1.8				2.3	1.2	7.4
-1.5 m	8.5*	5.1	5.0	2.7	3.2	1.7				2.6	1.4	6.9
-3.0 m	10.4	5.2	5.1	2.7						3.5	1.9	5.8
-4.5 m												

##### STABILISERS DOWN

HEIGHT	REACH											
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH			
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH	
+7.5 m										2.3*	2.3*	4.8
+6.0 m					2.9*	2.2				1.9*	1.9*	6.3
+4.5 m			4.7*	4.7*	4.3*	3.0				1.9*	1.9*	7.1
+3.0 m	10.0*	9.2	6.2*	4.7	4.9*	2.9	2.3*	1.9		2.0*	1.9	7.6
+1.5 m			7.7*	4.3	5.2	2.7	3.1*	1.9		2.2*	1.8	7.7
0.0 m	5.1*	5.1*	8.5	4.1	5.1	2.6				2.6*	1.8	7.4
-1.5 m	8.5*	7.9	8.4	4.0	5.1	2.6				3.4*	2.1	6.9
-3.0 m	10.8*	8.1	7.2*	4.1						5.0*	2.8	5.8
-4.5 m												

#### DIPPERSTICK 2600 mm

##### STABILISERS UP

HEIGHT	REACH											
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH			
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH	
+7.5 m										1.9*	1.9*	5.3
+6.0 m					3.0*	2.2				1.6*	1.6*	6.6
+4.5 m					3.7	2.2				1.6*	1.4	7.4
+3.0 m	8.9*	6.4	5.8	3.3	3.6	2.0	2.4	1.3		1.6*	1.2	7.8
+1.5 m	4.8*	4.8*	5.4	3.0	3.4	1.9	2.3	1.2		1.8*	1.1	7.9
0.0 m	5.2*	5.0	5.1	2.7	3.3	1.7	2.3	1.2		2.1*	1.1	7.7
-1.5 m	7.9*	5.0	5.0	2.6	3.2	1.7				2.4	1.3	7.2
-3.0 m	10.3	5.1	5.0	2.7	3.2	1.7				3.1	1.6	6.2
-4.5 m	7.5*	5.4								4.6*	2.9	4.5

##### STABILISERS DOWN

HEIGHT	REACH											
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH			
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH	
+7.5 m										1.9*	1.9*	5.3
+6.0 m					3.0*	3.0*				1.6*	1.6*	6.6
+4.5 m					4.0*	3.0				1.6*	1.6*	7.4
+3.0 m	8.9*	8.9*	5.8*	4.7	4.6*	2.9	2.9*	1.9		1.6*	1.6*	7.8
+1.5 m	4.8*	4.8*	7.4*	4.3	5.3	2.7	3.6	1.9		1.8*	1.7	7.9
0.0 m	5.2*	5.2*	8.4*	4.1	5.1	2.6	3.4*	1.8		2.1*	1.7	7.7
-1.5 m	7.9*	7.8	8.3	4.0	5.0	2.5				2.8*	1.9	7.2
-3.0 m	11.4*	8.0	7.5*	4.0	5.1	2.6				4.2*	2.5	6.2
-4.5 m	7.5*	7.5*								4.6*	4.3	4.5

#### DIPPERSTICK 2900 mm

##### STABILISERS UP

HEIGHT	REACH											
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH			
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH	
+7.5 m										1.6*	1.6*	5.7
+6.0 m					2.9*	2.2				1.4*	1.4*	7.0
+4.5 m					3.6*	2.2	2.0*	1.3		1.3*	1.2	7.7
+3.0 m	7.8*	6.6	5.3*	3.4	3.6	2.0	2.4	1.3		1.4*	1.1	8.1
+1.5 m	6.4*	5.5	5.4	3.0	3.4	1.9	2.3	1.2		1.5*	1.0	8.2
0.0 m	5.4*	5.0	5.1	2.7	3.2	1.7	2.3	1.2		1.8*	1.0	8.0
-1.5 m	7.5*	4.9	5.0	2.6	3.2	1.7				2.2	1.1	7.5
-3.0 m	10.2	5.0	5.0	2.6	3.2	1.7				2.8	1.5	6.6
-4.5 m	8.5*	5.3	5.2	2.8						4.4	2.4	5.0

##### STABILISERS DOWN

HEIGHT	REACH											
	3.0 m		4.5 m		6.0 m		7.5 m		AT MAX. REACH			
	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	REACH	
+7.5 m										1.6*	1.6*	5.7
+6.0 m					2.9*	2.9*				1.4*	1.4*	7.0
+4.5 m					3.6*	3.1	2.0*	2.0		1.3*	1.3*	7.7
+3.0 m	7.8*	7.8*	5.3*	4.8	4.4*	2.9	3.1*	1.9		1.4*	1.4*	8.1
+1.5 m	6.4*	6.4*	7.1*	4.4	5.2*	2.7	3.6	1.8		1.5*	1.5	8.2
0.0 m	5.4*	5.4*	8.2*	4.1	5.1	2.6	3.5	1.8		1.8*	1.6	8.0
-1.5 m	7.5*	7.5*	8.3	3.9	5.0	2.5				2.3*	1.8	7.5
-3.0 m	11.3*	7.9	7.7*	3.9	5.0	2.5				3.3*	2.2	6.6
-4.5 m	8.5*	8.2	5.5*	4.1						4.6*	3.5	5.0

As per ISO 10567 with excavator equipped with bucket. The indicated load is no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Value marked with an asterisk are limited by the hydraulic system.

# MH PLUS

## ONE PIECE BOOM - LIFTING CAPACITIES

Bucket (CECE): 0.48 m<sup>3</sup> - 510 kg  
VALUES ARE EXPRESSED IN TONNES

### FRONT BLADE - REAR STABILISERS

### FOUR STABILISERS

#### DIPPERSTICK 2300 mm

##### BLADE - STABILISERS DOWN

HEIGHT	REACH										AT MAX. REACH		
	3.0 m		4.5 m		6.0 m		7.5 m		Front	Side	REACH	Front	Side
+7.5 m											2.3*	2.3*	4.8
+6.0 m					2.9*	2.9*					1.9*	1.9*	6.3
+4.5 m			4.7*	4.7*	4.3*	4.1					1.9*	1.9*	7.1
+3.0 m	10.0*	10.0*	6.2*	6.2*	4.9*	3.9	2.3*	2.3*	2.0*	2.0*	7.6		
+1.5 m			7.7*	6.0	5.6*	3.8	3.1*	2.6	2.2*	2.2*	7.7		
0.0 m	5.1*	5.1*	8.5*	5.7	6.0*	3.6			2.6*	2.6	7.4		
-1.5 m	8.5*	8.5*	8.4*	5.7	5.9*	3.6			3.4*	2.9	6.9		
-3.0 m	10.8*	10.8*	7.2*	5.7					5.0*	3.8	5.8		
-4.5 m													

##### STABILISERS DOWN

HEIGHT	REACH										AT MAX. REACH		
	3.0 m		4.5 m		6.0 m		7.5 m		Front	Side	REACH	Front	Side
+7.5 m											2.3*	2.3*	4.8
+6.0 m					2.9*	2.9*					1.9*	1.9*	6.3
+4.5 m			4.7*	4.7*	4.3*	4.3*					1.9*	1.9*	7.1
+3.0 m	10.0*	10.0*	6.2*	6.2*	4.9*	4.9*	2.3*	2.3*	2.0*	2.0*	7.6		
+1.5 m			7.7*	6.0	5.6*	3.8	3.1*	2.6	2.2*	2.2*	7.7		
0.0 m	5.1*	5.1*	8.5*	5.7	6.0*	4.6			2.6*	2.6*	7.4		
-1.5 m	8.5*	8.5*	8.4*	5.7	5.9*	4.6			3.4*	3.4*	6.9		
-3.0 m	10.8*	10.8*	7.2*	5.7					5.0*	4.9	5.8		
-4.5 m													

#### DIPPERSTICK 2600 mm

##### BLADE - STABILISERS DOWN

HEIGHT	REACH										AT MAX. REACH		
	3.0 m		4.5 m		6.0 m		7.5 m		Front	Side	REACH	Front	Side
+7.5 m											1.9*	1.9*	5.3
+6.0 m					3.0*	3.0*					1.6*	1.6*	6.6
+4.5 m					4.0*	4.0*					1.6*	1.6*	7.4
+3.0 m	8.9*	8.9*	5.8*	5.8*	4.6*	3.9	2.9*	2.7	1.6*	1.6*	7.8		
+1.5 m	4.8*	4.8*	7.4*	6.0	5.4*	3.8	3.7*	2.6	1.8*	1.8*	7.9		
0.0 m	5.2*	5.2*	8.4*	5.7	5.9*	3.6	3.4*	2.5	2.1*	2.1*	7.7		
-1.5 m	7.9*	7.9*	8.4*	5.6	5.9*	3.5			2.8*	2.7	7.2		
-3.0 m	11.4*	11.4*	7.5*	5.7	5.1*	3.6			4.2*	3.4	6.2		
-4.5 m	7.5*	7.5*							4.6*	4.6*	4.5		

##### STABILISERS DOWN

HEIGHT	REACH										AT MAX. REACH		
	3.0 m		4.5 m		6.0 m		7.5 m		Front	Side	REACH	Front	Side
+7.5 m											1.9*	1.9*	5.3
+6.0 m					3.0*	3.0*					1.6*	1.6*	6.6
+4.5 m					4.0*	4.0*					1.6*	1.6*	7.4
+3.0 m	8.9*	8.9*	5.8*	5.8*	4.6*	4.6*	2.9*	2.9*	1.6*	1.6*	7.8		
+1.5 m	4.8*	4.8*	7.4*	6.0	5.4*	3.8	3.7*	2.6	1.8*	1.8*	7.9		
0.0 m	5.2*	5.2*	8.4*	5.7	5.9*	4.6	3.4*	2.5	2.1*	2.1*	7.7		
-1.5 m	7.9*	7.9*	8.4*	5.6	5.9*	4.6			2.8*	2.8*	7.2		
-3.0 m	11.4*	11.4*	7.5*	5.7	5.1*	4.6			4.2*	4.2*	6.2		
-4.5 m	7.5*	7.5*							4.6*	4.6*	4.5		

#### DIPPERSTICK 2900 mm

##### BLADE - STABILISERS DOWN

HEIGHT	REACH										AT MAX. REACH		
	3.0 m		4.5 m		6.0 m		7.5 m		Front	Side	REACH	Front	Side
+7.5 m											1.6*	1.6*	5.7
+6.0 m					2.9*	2.9*					1.4*	1.4*	7.0
+4.5 m					3.6*	3.6*	2.0*	2.0*	1.3*	1.3*	7.7		
+3.0 m	7.8*	7.8*	5.3*	5.3*	4.4*	4.0	3.1*	2.7	1.4*	1.4*	8.1		
+1.5 m	6.4*	6.4*	7.1*	6.0	5.2*	3.8	3.9*	2.6	1.5*	1.5*	8.2		
0.0 m	5.4*	5.4*	8.2*	5.7	5.8*	3.6	4.1*	2.5	1.8*	1.8*	8.0		
-1.5 m	7.5*	7.5*	8.4*	5.6	5.9*	3.5			2.3*	2.3*	7.5		
-3.0 m	11.3*	11.3*	7.7*	5.6	5.3*	3.5			3.3*	3.1	6.6		
-4.5 m	8.5*	8.5*	5.5*	5.5*					4.6*	4.6*	5.0		

##### STABILISERS DOWN

HEIGHT	REACH										AT MAX. REACH		
	3.0 m		4.5 m		6.0 m		7.5 m		Front	Side	REACH	Front	Side
+7.5 m											1.6*	1.6*	5.7
+6.0 m					2.9*	2.9*					1.4*	1.4*	7.0
+4.5 m					3.6*	3.6*	2.0*	2.0*	1.3*	1.3*	7.7		
+3.0 m	7.8*	7.8*	5.3*	5.3*	4.4*	4.4*	3.1*	2.7	1.4*	1.4*	8.1		
+1.5 m	6.4*	6.4*	7.1*	6.0	5.2*	3.8	3.9*	2.6	1.5*	1.5*	8.2		
0.0 m	5.4*	5.4*	8.2*	5.7	5.8*	4.6	4.1*	2.5	1.8*	1.8*	8.0		
-1.5 m	7.5*	7.5*	8.4*	5.6	5.9*	4.5			2.3*	2.3*	7.5		
-3.0 m	11.3*	11.3*	7.7*	5.6	5.3*	4.5			3.3*	3.3*	6.6		
-4.5 m	8.5*	8.5*	5.5*	5.5*					4.6*	4.6*	5.0		

As per ISO 10567 with excavator equipped with bucket. The indicated load is no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Value marked with an asterisk are limited by the hydraulic system.

# STANDARD EQUIPMENT

- 20 km/h travel speed
- 24V electrical system, with 12V socket in cab
- 7 selectable power levels
- Auto-idling system
- Automatic axle lock system
- Automatic battery main switch (coupled to ignition key)
- Automatic drive mode
- Cab mounted on viscous mounts and noise-insulated, with transparent roof, rain protection, sunblind and parallelogram type windshield wiper
- Centralised boom lubrication
- Centralised control of blade and stabilisers on left joystick
- Cold starting equipment (-25°C)
- Consoles adjustable for height and length
- Creeper speed
- Cylinder with cushioning system
- Electrohydraulic servo control
- Electronic immobiliser
- Ergonomic design of arm rest and foot pedals
- Forward/reserve shifting on joystick
- Front working lights on cab
- Incline adjustable steering column
- Latest generation low-consumption and low-exhaust CNH Tier 3A engine, in compliance with EU directive
- LCD monitor with integrated diagnosis function
- Mechanical lock/unlock brake pedal
- Mechanical or pneumatic seat
- Monoblock or 2-piece boom
- Patented disc brakes for jolt-free work
- Patented hydraulic system with two hydraulic pumps for attachment and travel, and one dedicated to swing operation
- Power limit control for management of engine and pump
- Powerboost system
- PowerShift gear box with automatic gear shifting
- Radio preparation
- Robust, modular chassis in box section design
- Safety valves on boom cylinders
- Spacious toolbox on undercarriage
- Swing bearing with long-life lubrication
- Swing brake adjustable in 3 modes
- Tinted safety glass all around, insertable windscreen
- Travel hydrostatic braking

# OPTIONAL

- 30 km/h travel speed
- Additional toolbox on undercarriage
- Additional rear working lights
- Air-conditioning
- Arms, l=2300-2600-2900mm
- Automatic lubrications system
- Automatic fuel electrical pump
- Auxiliary low flow system
- Biodegradable hydraulic oil
- Buckets
- Clamshell bucket piping
- Clamshell bucket support for transportation
- Cooling box
- FOPS and Front Guard protection for cab (in compliance with Machine Directive)
- Equipment types:
  - Rear dozer blade
  - Rear stabilisers
  - Front blade and rear stabilisers
  - Front and rear stabilisers
  - Guard for dozer blade cylinders
  - Guard for stabiliser cylinders
  - Hammer and shear piping
  - Hydraulic quick coupler provision
  - Radio
  - Safety load hook on bucket linkage
  - Safety valve on arm cylinder
  - Single or twin tyres

Note: standard and optional equipment may vary by country. Consult your NEW HOLLAND dealer for specific details.

## BUCKETS

SAE CAPACITY	CECE HEAPED CAPACITY	WIDTH	WEIGHT
0.25 m <sup>3</sup>	0.23 m <sup>3</sup>	500 mm	375 kg
0.45 m <sup>3</sup>	0.41 m <sup>3</sup>	750 mm	472 kg
0.54 m <sup>3</sup>	0.48 m <sup>3</sup>	850 mm	510 kg
0.67 m <sup>3</sup>	0.61 m <sup>3</sup>	1000 mm	560 kg
0.84 m <sup>3</sup>	0.74 m <sup>3</sup>	1200 mm	610 kg
0.93 m <sup>3</sup>	0.81 m <sup>3</sup>	1300 mm	664 kg

\* Please contact your dealer for additional bucket offering

### AT YOUR OWN DEALERSHIP

The information contained in this brochure is intended to be a general nature only. The NEW HOLLAND KOBELCO CONSTRUCTION MACHINERY S.p.A. company may at any time and from time to time, for technical or other necessary reasons, modify any of the details or specifications of the product described in this brochure. Illustrations do not necessarily show products in standard conditions. The dimensions, weights and capacities shown herein, as well as any conversion data used, are approximate only and are subject to variations within normal manufacturing techniques.

Published by NEW HOLLAND KOBELCO CONSTRUCTION MACHINERY S.p.A. - www.newholland.com  
Printed in Italy - LEADER Firenze - Cod. 73301 434GB - Printed 12/07

Printed on recycled paper  
CoC-FSC 000010 CQ Mixed sources



BUILT AROUND YOU

www.newholland.com