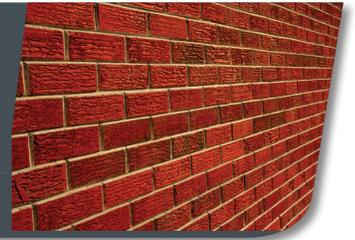




# MHT 1490

HEAVY CAPACITY telescopic handler



# PERFORMANCE

## POWER and PRECISION

### HEAVY-DUTY MAXIMUM CAPACITY

**20,000 lbs. [9000 kg]**

### LIFT HEIGHTS UP TO

**46' [14m]**

### TURNING RADIUS

**13'2" [4m]**

### 176 HP (129 KW)

Tier IV-certified Mercedes turbo diesel engine utilizes diesel exhaust fluid (DEF) technology.

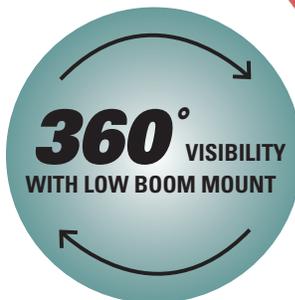
The engine provides 553 ft. lbs. (750 Nm) of torque at 1600 rpm.

### 3-SECTION CHAIN BOOM

Hoses, cylinder and chain are located inside the 3-Section Chain boom, protecting these components from damage.

### HYDROSTATIC TRANSMISSION

Coupled with a two speed gearbox, this system provides optimum power and control of travel for precise placement of the machine.



### THREE STEERING MODES

2-wheel, 4-wheel and crab.

### STANDARD STABILIZERS



## ERGONOMICS



### JSM (JOYSTICK, SWITCH & MOVE)

The exclusive Manitou all-in-one joystick allows the left hand to remain on the steering wheel while the right hand controls all hydraulic and machine movement functions.

### DELUXE CAB WITH HEAT & A/C

Features include air conditioning, adjustable armrest, front, rear, roof and right side wipers, left and right rearview mirrors, working lights, and pneumatic seat with active suspension.



### INTERACTIVE DASHBOARD WITH 7" (.18 M) DISPLAY

All machine notifications are located in one clear, easy to read display. Fuel level, engine temperature, wheel alignment, tachometer, speed, hour meter, warning lights and more information are displayed.



### EASY-OPEN ACCESS

Engine hood lifts out of the way and lower panel drops down for full open access to major components.

### FUEL, OIL & ADBLUE TANKS

Fluid tanks are placed under the cab door, accessible in one location.

### AUTOMATIC LOCKING REAR AXLE

The rear axle is automatically locked to increase machine stability.

### FRAME AND STABILIZER LEVELING SYSTEMS

Tackle sloping terrain and uneven ground with ease.

**+/- 8°** Level correction each way.

### VARIETY OF ATTACHMENTS AVAILABLE



CARRIAGE WITH FORKS



HOOK



JIB



TIRE HANDLERS



WORK PLATFORMS

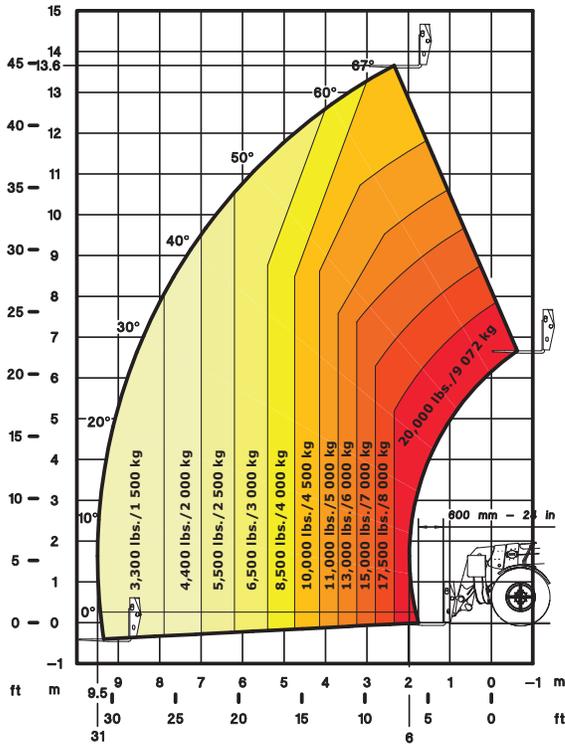


UNDERGROUND WORK PLATFORMS

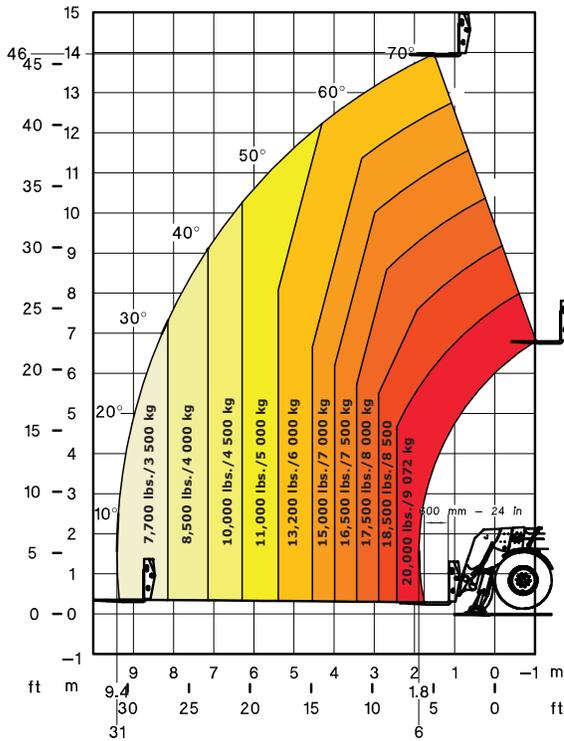


# MHT 1490 TELESCOPIC HANDLER SPECIFICATIONS & DIAGRAMS

## ON TIRES WITH FORKS



## ON STABILIZERS WITH FORKS

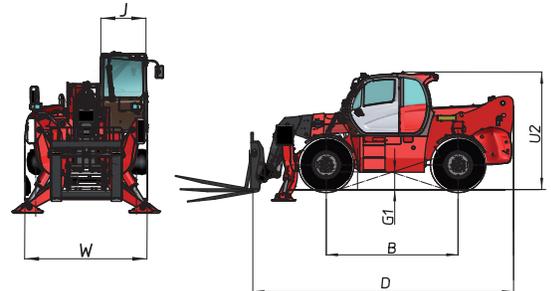


MHT 1490 load charts based on 24" (600 mm) load center per ANSI/ITSDF B56.6

MHT 1490		
CAPACITIES	Lift Capacity (kg)	20,000 lbs. (9072)
	Max. Lift Height (m)	46' (14.0)
	Capacity at Max. Lift Height (kg)	13,200 lbs. (6000)
	Max. Forward Reach (m)	31' (9.45)
	Capacity at Max. Forward Reach (kg)	7,700 lbs. (3493)
ENGINE	Manufacturer	Mercedes
	Power (kW)	176 hp (129) Tier IV
	Model	OM 934LA
	Maximum Torque (Nm)	553 ft. lbs. (750) @ 1600 rpm
COMPONENTS	Transmission	Hydrostatic
	Max Travel Speed (km/hr)	19.3 mph (31)
	Drive	4-Wheel
	Selective Steering	2-Wheel, 4-Wheel, Crab
	Axle Manufacturer	Dana
	Hydraulics	Total Capacity (L/min)
GENERAL SPECIFICATIONS	Pressure (bar)	4350 psi (300)
	Approximate Weight (kg)	45,856 lbs. (20,800)
	Length - Less Forks (m)	20'2" (6.15)
	Width (m)	8'3" (2.50)
	Ground Clearance (m)	17" (0.44)
	Wheelbase (m)	11'1" (3.37)
	Turning Radius (m)	13'2" (4.0)
	Overall Height (m)	9'10" (3.0)
	Frame Leveling	+ / - 8°
	Carriage Rotation	135°
	Tire Size	17.5 R25
	CAPACITIES	Hydraulic Reservoir Capacity (L)
Fuel Tank Capacity (L)		83 gal. (315)
DEF Tank Capacity (L)		14.3 gal. (54)

## DIMENSION REFERENCE DIAGRAMS

(B)	Wheelbase	11'1" (3.37)
(D)	Length	20'2" (6.15)
(G1)	Ground Clearance	17" (0.44)
(J)	Cab Width	36.6" (0.93)
(W)	Machine Width	8'3" (2.50)
(U2)	Overall Height	9'10" (3.0)



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This publication in no way constitutes an offer and the company reserves the right to alter specifications without notice.