

EXCEPTIONAL DETAILS

COMFORTABLE CABIN

ERGONOMICAL EQUIPMENT OPERATION

SMOOTH SPEED

UNPARALLELED MANOEUVRABILITY

UNCOMPLICATED MAINTENANCE



»The next one is going to be a Holder again. I'm already looking forward to the test drive with the M 480.«

Rudolf Dick, Residenz Schloss Ludwigsburg

TECHNICAL DATA HOLDER M 480

Characteristics	Engine	Deutz four-stroke turbo diesel	
	Power output	56,5 kW (77 HP)	
	Cylinders	4	
	Cooling	Oil cooling	
	Air filter	Dry air filter with acoustic warning apparatus	
	Tank capacity	60 l	
	Drive	hydrostatic four-wheel drive, controlled with digital electronics	
	Differential lock	Front and rear, can be switched simultaneously electronically, easy to operate with toggle switch, 100% effective for both axles	
	Max. speed	40 km/h	
	Power take-offs	load-dependent, independent engine power take-off, front/rear	
	Brakes	hydraulically activated drum brakes/mechanical handbrake	
	Steering	Full hydrostatic articulated-frame steering (load-sensing)	
	Hydraulic system/pump	17 ccm/U or 42 l/min or 14 ccm/U + 11 ccm/U or 35 l/min + 27 l/min	
	Hydraulic oil quantity	42 l	
	Weight ¹	Excavation power, front/rear	2.000 kg
Auxiliary control valves		Extensive expansion possibilities designed for the respective usage	
Activated carbon filter and air conditioning		optional	
Empty weight		2.230 - 2.485 kg	
Gross vehicle weight		4.000 kg	
Gross axle weight rating, front/rear		2.500 kg	
Coupling load		600 kg	
Wheel base		2.005 mm	
Dimensions		Total length with rear three-point hitch	4.064 mm
		Total height with cabin ²	2.160 - 2.212 mm
	Track ²	990 - 1.170 mm	
	Cabin width	1.100 mm	
Load area/platform dimensions	1.530 x 1.150 x 300 mm, including hydraulic tipping device		

¹ incl. driver with 75 kg, depending upon tyres and equipment ² depending upon tyres

HOLDER
NO COMPROMISES

Subject to technical modifications 09/2009 153 158

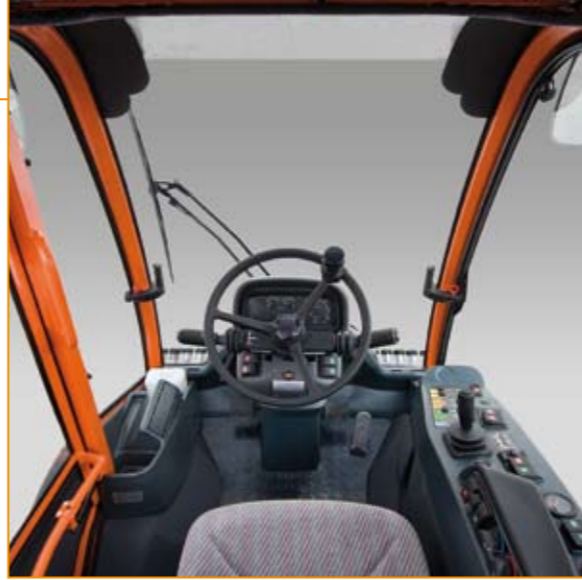


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Optimal consultation, sales and service from your Holder partner:



Comfortable cabin

The large, ergonomic cabin is a comfortable workplace for the whole day in all four seasons. Variable steering and sitting position, legroom even with shoe size 48 and various surfaces demonstrate practicality.

With the integrated air conditioning you always keep a cool head in the summer and clear windows in the winter.

The low clearance means that the vehicle remains compatible for underground parking.

Ergonomical equipment operation

All functions can be precisely operated via the sensibly structured operating console with joystick.

Smooth speed

With a transport speed of up to 40 km/h, you move with city traffic and arrive at your destination quickly. The individually fitting driving position is also available for each type of usage.

Unparalleled manoeuvrability

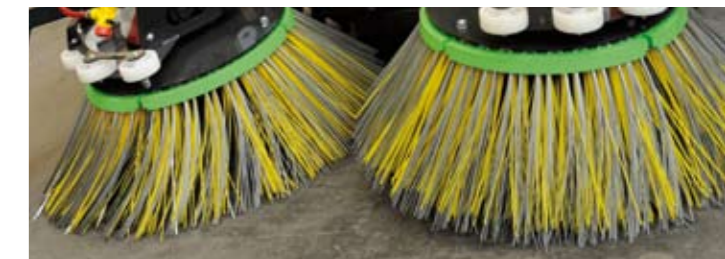
The steering angle of 45° makes the vehicle the most manoeuvrable in its class. The extreme positioning of the axles provides additionally stable driving behaviour and makes it possible to use heavy attachments without counterweighting.

Uncomplicated maintenance

The pivoting fuel tank makes it possible to easily and quickly carry out daily maintenance, even with saddled equipment.

FOUR SEASONS, ONE HOLDER

You have the entire portfolio of attachments for year round use at your disposal. Whether sweeping, mowing, suction extraction or clearing, the M 480 is the perfect vehicle for all purposes. The attachments can be changed easily, without tools and safely by a single person. Load-dependent power take-offs with adjustable rotational speeds ensure an enormously high degree of effectiveness with their direct power transmission from the motor to the attachments. Performance hydraulics of up to one hundred litres are available.



STANDARD HOLDER ADVANTAGES



Versatility



Articulated-frame steering



Real four-wheel drive



Wheel load balance



Four wheels of equal size

VERSATILITY



Our products are constructed for professional year round usage under the hardest conditions. The versatile vehicles demonstrate their strengths especially with difficult tasks and terrain.

ARTICULATED-FRAME STEERING



Manoeuvrability, accuracy, directional stability and a minimal turning radius are unbeatable advantages of the articulated-frame steering invented by Holder. While driving or standing still, the entire front part is steered in the new direction when the carrier is turned. The attachments also follow the steering angle precisely.

REAL FOUR-WHEEL DRIVE



Both axles are continuously driven and can be 100% locked with the differential lock. This ensures superior tractive output and thrust performance even on difficult soil. Breaking out of the track is not an issue even on difficult ground and in the winter.

WHEEL LOAD BALANCE



The sophisticated balance mechanics beneath the inflexion point keep the four-wheel drive wheels firmly on the ground under all driving and load conditions. Especially on steep or uneven ground, but also when driving over curbstones, the Holder has a clear advantage.

FOUR WHEELS OF EQUAL SIZE



The uniform wheel size ensures optimal soil conservation and the best traction through even drive properties. In addition, the rolling resistance is reduced, as movement always covers its own tracks.

A HOLDER IS ALWAYS ECONOMICAL

Those who can count can't get around a Holder: The Holder may cost more to purchase than other vehicles, but it is considerably more economical over the long term:

The high quality ensures a long service life, and thereby reduced repair costs and less idle time. The resale value is also considerably higher than that for other vehicles. A Holder is an investment that pays.