

HOLDER

NO COMPROMISES

HOLDER M 480

BENEFITS, FEATURES AND TECHNICAL DATA



HOLDER M 480



CABIN

- Comfort cabin with air conditioning and 360° circumferential visibility
- Windows can be opened on the side
- Very spacious even for tall and big drivers
- Air-suspended driver's seat incl. seat-heating height-adjustable and longitudinally adjustable, with longitudinal-horizontal suspension

Perfect view of attachments and maximum working comfort



OPERATING CONSOLE

- 1-hand operation
- Clear membrane keyboard
- Programmable joystick
- Drive program control for 4 driving and working steps with limit load control

Individual setting options for the professional user



SERVICE ACCESS

- Hydraulically tiltable engine compartment cover with integrated tipping framework (incl. hitched device)
- Removable side parts left and right
- Battery for e.g. jump starting during winter is accessible from the outside

Daily servicing work is possible without disassembling the attachments



FRONT ATTACHMENT

- Heavy-duty front power lift, movable 3-dimensionally and double-acting, with vibration damping, arrester hooks adjustable from KAT I to KAT II
- Lifting power up to 2000 kg
- Up to 4 double-acting control valves (plug-in couplings are drip-free), up to 2 floating positions, simultaneous control possible
- Up to 100 l/min hydraulic power for the powering of devices
- Mechanical PTO shaft with optionally either 540 or 1000 r/min



REAR ATTACHMENT

- Double-acting rear power lift with vibration damping, arrester hooks are adjustable from KAT I to KAT II
- Lifting power up to 2000 kg
- Up to 2 double-acting control valves (plug-in couplings are drip-free)
- Up to 100 l/min hydraulic power for the powering of devices
- Mechanical PTO shaft



OTHER BENEFITS

- Frame based construction
- Hydrostatic drive via 4 wheel motors
- 2-stage steering for more direct steering ratio, e.g. when shunting
- Long wheel base ensures smooth running and optimally balanced weight displacement
- Wheels up to 440/50 R17 possible
- Corrosion protection: all steel components are EPD-coated, plug-in couplings in ZINi, vehicle is waxed
- Transport speed up to 40 km/h
- Official approval and homologation for road service



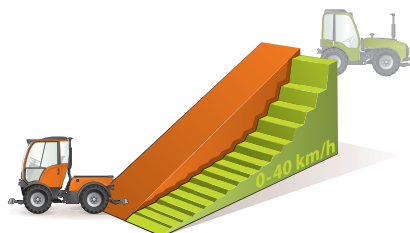
3 ATTACHMENT AREAS

- 2 standardised attachment areas (front and rear lift) as well as 3rd attachment area for hitching devices
- 1-person device mounting without tools



STEPLESS DRIVING UP TO 40 KM/H

- No traction interruptions
- Transport: automotive driving via foot pedal
- Working: speed control via rotary potentiometer on the joystick
- Alternatively, speed control via foot pedal at constant PTO shaft speed = SDS traction drive



ELECTRO-HYDRAULIC ATTACHMENT RELIEF

- Weight of the attachment can be transferred to the entire vehicle steplessly
- Due to the electro-hydraulic control, the composition of the soil is maintained optimally
- More traction on inclinations and for slippery ground, protection of the device (e.g. mulching)



UNIQUE TECHNOLOGY

- Articulated steering
- Permanent four-wheel drive
- 4 equal-sized wheels
- Wheel load compensation
- Mechanical differential lock acting on both axles
- 4-wheel brake

For more info and user videos, visit www.max-holder.com

WIDE RANGE OF APPLICATION

- Mowing and grass-collecting
- Cylinder mowing and large area mowing
- Rotary and flail mulching
- Weed removal
- Scarifying and aeration
- Watering and high-pressure cleaning
- Sweeping and suction cleaning
- Lawn sweeping and synthetic turf cleaning
- Earth handling (front loader)
- Loading and transport
- Snow ploughing and snow blowing
- Snow sweeping and snow loading
- Salt spreading (with attachment, box or funnel spreader)
- Cross-country ski tracks

FIELDS OF APPLICATION:

- Green areas and synthetic turf
- Sports grounds and golf courses
- Sidewalks, roads and public open spaces
- Underground car parks and rails

SECTORS:

- Municipalities and service providers
- Facility management
- Horticulture and landscaping
- Airports and military

With your Holder vehicle, you are able to carry out up to 3 applications at the same time!

WITH US, YOU ARE IN GOOD HANDS

- 24 months guarantee
- 24-hour delivery of spare parts
- More than 15 years spare parts supply
- Close service network and local partners
- Long service life
- High stability of value
- Rental, financing and leasing
- Europe-wide homologation

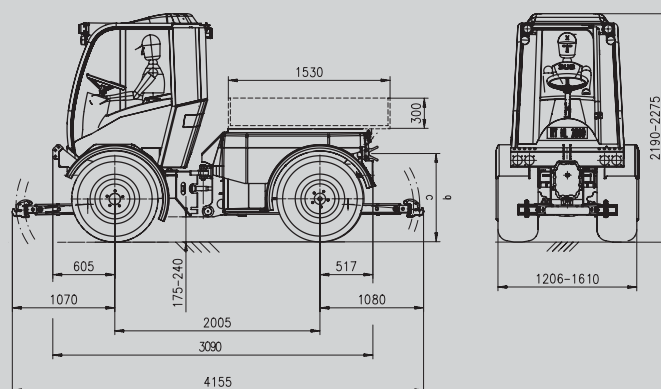
SEE HOLDER IN ACTION:

www.youtube.com/user/maxholdergmbh

TECHNICAL DATA M 480

ENGINE	Deutz 4-cylinder 4-stroke turbo diesel
Displacement	3619 cm ³
Power	56.5 kW (77 HP)
Torque	240 Nm
Cooling	Integrated oil-air cooling.
Air filter	Dry air filter with acoustic warning unit.
Fuel tank capacity	60 l
Alternator	Max. 80 A / 14 V
DRIVE	Hydrostatic traction drive. Controlled digital-electrically. Stepless road speed control. Permanent four-wheel drive. 4 wheels of the same size.
Differential lock	Mechanical at the front and rear. Simultaneously switchable electrohydraulically. Acts on both axles at 100%.
Top speed	40 km/h
PTO shafts	Optional: power-switchable, independent mechanical PTO shaft. Can be switched separately at the front and rear. Front: 1000 r/min or optionally 540 r/min (540 r/min: rotational direction left and right). Rear: 540 r/min.
Brakes	Hydraulically actuated drum brake on the front axle. Optionally acting on all four wheels. Service brake: acts on all 4 wheels as four-wheel brake via the hydrostatic traction drive. Electrically actuated stop brake with hydraulic accumulator on the front axle.
HYDRAULICS	Hydraulic pump 42.5 l/min. Or: tandem pump 35 l/min + 27.5 l/min. Both optionally expandable with additional device variable displacement pump 100 l/min.
Hydraulic oil quantity	42 l
Lifting force	Front 2000 kg/rear 2000 kg
Three-point lift	Standard three-point. Arrester hook steplessly adjustable from KAT I to KAT II.
Additional control valves	High expandability, adapted for the purpose.

CABIN	Comfort 1-person cabin. Mechanically suspended driver's seat.
Optional additional equipment	Air-suspended driver's seat with seat heater. Heated front window and exterior rear-view mirror. Air conditioning and activated carbon filter.
WEIGHT	Including driver at 75 kg, depending on tyres and equipment.
Empty weight	2230–2390 kg
Permissible total weight	4000 kg
Permissible axle load	Front 2500 kg/rear 2500 kg
Tow bar load on the trailer coupling	Max. 600 kg
Towing capacity	Unbraked 2200 kg/ overrun braked 4500 kg
Maximum payload	1770 kg
DIMENSIONS	Depending on tyres.
Wheel base	2005 mm
Total length	3090–4155 mm
Total height	2190–2275 mm
Total outer width	1206–1610 mm
Turning circle	Inside 1680 mm
Inner flatbed dimensions	1530 x 1200 x 300 mm



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