

HOLDER

NO COMPROMISES

HOLDER F/L 770 AND F/L 780 BENEFITS, FEATURES AND TECHNICAL DATA



HOLDER F/L 770 AND F/L 780



CABIN

- Either with hinged clamp, as partial cabin (with roof and front window) or as full cabin
- Full cabin with air conditioning, sliding window on the sides and fold-out front and rear window
- Air-suspended driver's seat
- Very low front lid

Perfect view of attachments and maximum working comfort



OPERATING CONSOLE

- 1-hand operation
 - Clear membrane keyboard
 - Programmable joystick
- Individual setting options for the professional user**



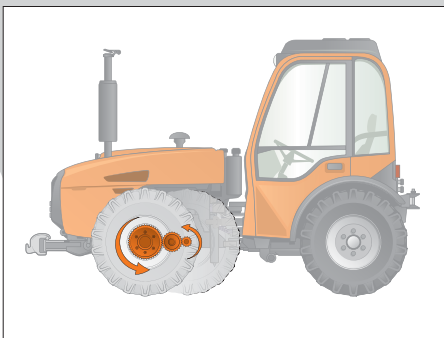
REAR ATTACHMENT

- Double-acting rear power lift with vibration damping, arrester hooks are adjustable from KAT I to KAT II
- Lifting power up to 2250 kg
- Up to 3 double-acting control valves (plug-in couplings are drip-free)
- Up to 50 l/min hydraulic power for the powering of devices
- Mechanical PTO shaft switchable from 750 r/min to 540 r/min or optionally from 1000 r/min to 540 r/min



FRONT ATTACHMENT

- Front power lift double-acting with vibration damping, arrester hooks adjustable from KAT I to KAT II
- Up to 5 double-acting control valves (plug-in couplings are drip-free), up to 3 floating positions
- Up to 50 l/min hydraulic power for the powering of devices
- Mechanical PTO shaft



GANTRY AXLE (L-SERIES)

- Enables the assembly of a front loader
- Improves the climbing ability
- Optimises the driving behaviour on the road
- Increases the lifting power on the front hydraulics



OTHER BENEFITS

- Block based construction (heavier, higher power transmission)
- Fully synchronised 16-gear reverse gear
- Crawling gear from 130 m/h depending on tyres
- Differential lock with stiff fixed drive from front to rear axle, therefore precise synchronism of all wheels
- Very low centre of gravity
- Hydraulically actuated wet disc brake on all 4 wheels
- Corrosion protection: all steel components are EPD-coated, plug-in couplings in ZnNi, vehicle is waxed
- Transport speed up to 40 km/h
- Official approval and homologation for road service

3 ATTACHMENT AREAS

- 2 standardised attachment areas, 3rd attachment area by means of auxiliary frame above the bonnet or front mask
- 1-person device mounting without tools



EMERGENCY BRAKE FOR INCLINES

- Hydraulically actuated emergency mandrel which, if required, is pushed deep into the ground
- Also ready to use if the engine is switched off
- Advantage: maximum safety even in case of extremely steep slopes



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
- Large area mowing
- Rotary and flail mulching
- Weed removal
- Scarifying and aeration
- Watering and high-pressure 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 box or funnel spreader)

FIELDS OF APPLICATION:

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

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

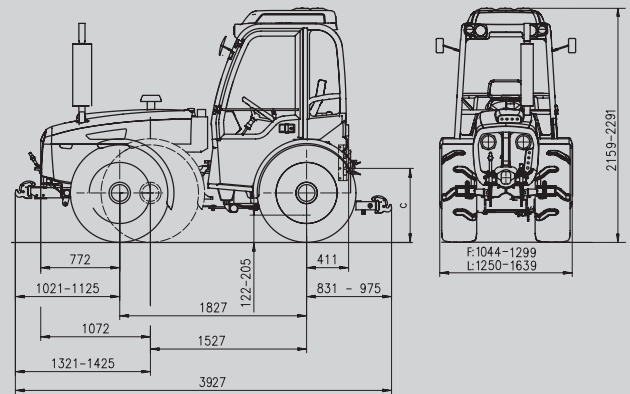
TECHNICAL DATA F / L 770 AND F / L 780

F-series = short wheel base

L-series = long wheel base/gantry axle

ENGINE	Deutz 4-cylinder 4-stroke turbo diesel
Displacement	3619 cm ³
Power	F/L 770: 51.3 kW (70 HP) F/L 780: 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	50 l
Alternator	Max. 80 A / 14 V
DRIVE	Fully synchronised 16-gear reverse gear. 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%. Stiff fixed drive from front to rear axle.
Top speed	40 km/h
PTO shafts	Power-switchable, independent mechanical PTO shaft. Can be switched together at the front and rear and can be switched off at the gear. Front: optionally 1000 r/min. Rear: switchable from 750 r/min to 540 r/min or optionally from 1000 r/min to 540 r/min.
Brakes	Hydraulically actuated wet disc brake. Acts on all 4 wheels as four-wheel brake. Mechanical stop brake acts on both axles.
HYDRAULICS	Hydraulic pump 42.5 l/min. Or: tandem pump 35 l/min + 27.5 l/min.
Hydraulic oil quantity	19 l
Lifting force	F: front 750 kg/rear 2250 kg L: front 1500 kg/rear 2250 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	1-person cabin. Either with hinged clamp, as partial cabin (with roof and front window) or as full cabin. Front and rear window can be tilted.
Optional additional equipment	Air-suspended driver's seat. Air conditioning and activated carbon filter.
WEIGHT	Including driver at 75 kg, depending on tyres and equipment.
Empty weight	F: 2050–2443 kg L: 2205–2598 kg
Permissible total weight	F: 3200 kg L: 4000 kg
Permissible axle load	F: front/rear 2000 kg L: front/rear 2400 kg
Tow bar load on the trailer coupling	Max. 800 kg
Towing capacity	F: unbraked 1200 kg/ overrun braked 3500 kg L: unbraked 2200 kg/ overrun braked 4500 kg
Maximum payload	F: 1150 kg L: 1795 kg
DIMENSIONS	Depending on tyres.
Wheel base	F: 1527 mm L: 1827 mm
Total length	3010–3927 mm
Total height	With cabin: 2159–2291 mm With hinged clamp: 2033–2116 mm
Total outer width	F: 1044–1299 mm L: 1250–1639 mm
Turning circle	Inside F: 1760 mm Inside L: 2130 mm



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