



KT276

Telehandler

The compact multi-talent

The machine is driven by a Stage V engine with an output of 55 kW / 75 hp, exhaust after-treatment carried out with a combination of DOC and DPF. Using the electronically pilot-operated joystick, extremely sensitive and precise loading cycles can be realized. Work hydraulics are supplied by a powerful hydraulic pump that guarantees quick working cycles by the loading system and that enables the operation of special attachments via the 3rd control circuit, if necessary with a continuous function.

Compactness: Two cab heights - lowest overall height in confined spaces (2x2m class) or optimum all-round visibility thanks to raised cab

Modern operating concept: 7" LCD display, all-in-one joystick and jog dial control element for simple machine control

Motor: Economical consumption and high torque, exhaust gas aftertreatment with DOC and DPF

Travel drive: Hydrostatic travel drive without gearshift with up to 40 km/h travel speed

Smart Attach: Hydraulic attachments can be changed quickly, easily and safely thanks to the optional fully hydraulic quick-change plate

Technical Data

Standard engine data

Engine manufacturer	Rehiko
Drive output	55.4 kW
Drive output	75 PS
at max. rpm	2,600 U/min
Cylinder capacity	2,482 cm ³
Exhaust standard level	V
Exhaust aftertreatment	DOC / DPF

Weights

Bucket capacity (standard bucket)	0.85 m ³
Payload (max.)	2,700 kg
Payload at max. reach	1,000 kg
Payload at max. stacking height	1,800 kg
Stacking height (max.)	5,730 mm
Payload max. (LSP 500 mm)	2,700 kg
Operating weight	4,400 - 5,200 kg
Thrust force (max.)	44 kN
Lift capacity (max.)	28 kN

Filling levels

Tank capacity for fuel	95 l
Tank capacity for hydraulic oil	130 l

Drive system

Travel speed Standard	0-20 km/h
Travel speed Option 1	0-30 km/h
Travel speed Option 2	0-40 km/h
Differential lock	100 % front axle

Hydraulic system

Work hydraulics discharge volume (max.)	103 l/min
Work hydraulics working pressure (max.)	260 bar

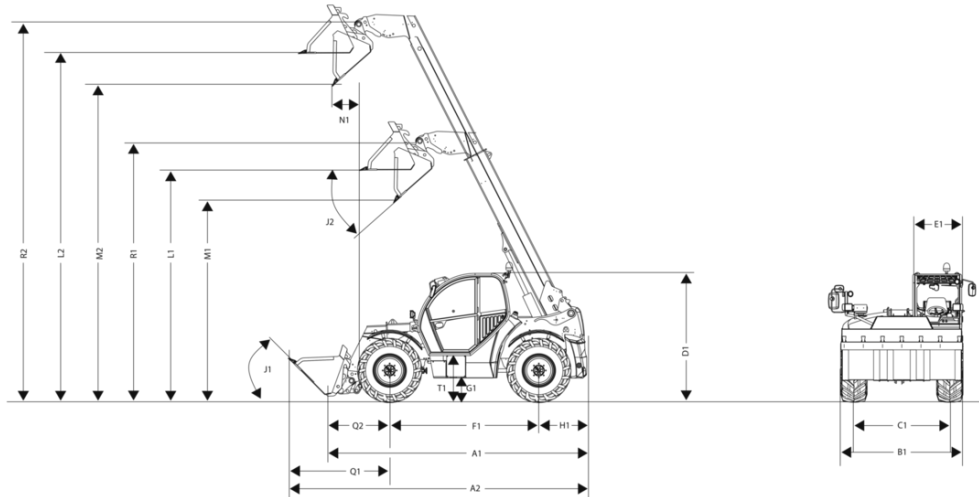
Steering

Steering angle max.	38 degree
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Noise characteristic values

Guaranteed sound power level LwA (cabin)	101 dB(A)
Measured sound power level LwA	95.9 dB(A)
Sound pressure level at the operator's ear	77 dB(A)

Dimensions



A1	Total length	4,400 mm
B1	Total width without bucket	1,960 mm
C1	rear	1,660 mm
D3	Total height of low cab	1,980 mm
D4	Total height of high cab	2,100 mm
D5	Total height of low cab with rotating beacon	2,205 mm
D6	Total height of high cab with rotating beacon	2,325 mm
E1	Cab width	825 mm
F1	Wheel base center	2,650 mm
G1	Ground clearance under axle and transmission, wading depth	300 mm
H1	Distance center rear wheel to rear	730 mm
I1	Rear approach angle (slope angle)	76 °
J1	Dumping angle	45 °
K1	Max. stacking height	5,790 mm
J2	Dumping angle	22 °
L1	Load-over height retracted	3,730 mm
L2	Load-over height extended	5,600 mm
M1	Dumping height retracted	3,450 mm
M2	Dumping height extended	5,280 mm
N1	Dumping width extended	680 mm
Q1	Distance center front wheel to bucket leading edge	1,770 mm
Q2	Distance center front wheel bearing quick change frame	1,030 mm
R1	Bucket pivot point retracted	4,210 mm
R2	Bucket pivot point extended	6,080 mm
S1	Turning radius outer edge wheels	3,670 mm
S2	Turning radius outer edge bucket	4,500 mm
T1	Entry height cab floor	480 mm

Standard components

Cab

- ROPS/FOPS tested, sound proofed, low-vibration, comfortable cabin with 360-degree all-round visibility and colored full-glazing.
- Windshield wipers in front and rear, with intermittent wipers in front, indicator reset
- Indicator for interior cab lighting, door divided, upper door section adjustable to two positions by 180°
- Solid panoramic front windshield without a transversal spar for optimal visibility
- Rear window can be opened
- Hanging pedals and removable floor mats
- Mechanically-sprung comfort operator's seat Grammer MSG85/721
- Electronically pilot-operated multifunctional joystick with integrated travel direction selector and telescopic function
- Color-coded switches for hydraulic, electric, driving, and safety features
- Heater with 3-speed fan, 4 air vent and defroster nozzles
- 12 V socket
- Bottle holder, sun blind, storage compartment under the operator's seat, clothing hook
- Work lights 1x LED Basic on front (1000 lm), work light 1x LED Basic on rear (1000 lm)
- Lighting according- road traffic regulations

Steering and work hydraulics

- Gear pump with load-pressure-independent flow distribution (LUDV system)
- 3 steering types (all wheel steering, front wheel steering, crab steering)
- 3rd control circuit and telescoping function with proportional control
- Continuous function for 3rd control circuit connectible via keypad
- Overload and operator assistance system "Smart Handling" (manual mode, bucket and stacking mode)

Engine

- Coarse meshed combination radiator for engine water, hydraulic oil and charge air
- Cyclone-air filter with integrated safety cartridge and pre-filter
- Manual battery isolator switch
- 4-year or 4000 operating hour guarantee for the engine

Drive system and axles

- Infinitely variable, hydrostatic transmission with load-dependent, electronic transmission control
- Temporary reversing alarm
- Mechanical parking brake

Vehicle design and kinematics

- Torsion-resistant steel frame in box profile design
- Telescopic arm guided by 13 sliding elements, adjustable from outside
- End position damping in the telescopic cylinder

Documentation

- Operator's manual, service manual

Options

Operator's cab & Cabine

- Raised cabin for optimized all-round visibility (+120 mm)
- Cab window right and rear, heated with automatic shut-off
- Air-conditioning system
- Interior mirror including bracket for cell phone
- Mechanically-sprung operator's seat with fabric cover (MSG85/721) (standard)
- Backrest extension for standard operator's seat (MSG85/721)
- Fabric, air-sprung operator's seat (MSG95AL/722)
- Adjustable steering column (height and incline)
- Radio-ready (antenna, speaker)
- DAB+ radio system with BT + hands-free system (radio, aerial, speaker)
- 7" display (incl. oil volume adjustment, joystick sensitivity)
- Rear-view camera
 - only in association with
 - 7" display (incl. oil volume adjustment, joystick sensitivity)
- Front view camera right side

Lighting

- LED rotating beacon (orange)
- LED Basic work lights (1000 lumen) - 1x additional front, 1x additional rear
- LED Basic lighting package (1000 lumen) - 7 additional work lights - 1x front, 1x rear, 1x left, 2x right, 2x outer arm
- Work light 2x Basic LED lights (1000 lumen) on side of telescopic arm (outer pipe)
- Auxiliary LED Basic rear lighting (1000 lumen)

Approval, road traffic

- Data confirmation (ABE) for self-propelled work machine (standard)*
- EC certificate of conformity for tractor (167/2013/EC - Class T1), without data confirmation
- EC certificate of conformity for tractor (167/2013/EC - Class T1), with data confirmation-- only for Germany
- License plate mount incl license plate lighting

*Germany, Luxembourg, Netherlands, Austria, Slovakia, the Czech Republic, Switzerland, Estonia, Latvia, Lithuania, Hungary

Drive system and axles

- Hydrostatic 20 km/h (standard)
- Three steering types (all-wheel steering, front wheel steering, crab steering) (standard)
- Driving mode Power (standard)
- Hydrostatic 30 km/h
 - only in combination with:
 - License plate bracket incl. license plate illumination
- Hydrostatic 40 km/h
 - only in combination with:
 - License plate bracket incl. license plate illumination
- Driving mode Power/Eco/Pedal/CSD
 - includes:
 - Low-speed control and manual throttle
- Vacuum pre-filter
- Reversible fans incl. automatic function
- 100% differential lock in the front axle – connectible
- Pre-heating of coolant, fuel, hydraulic oil

Tires

- Mitas 340/80-18 (12.5-18) MPT-01 - traction tread - ET35 (standard)
- Mitas 340/80-18 (12.5-18) MPT-04 - construction machine tread - ET35
- Michelin 400/70R20 BIBLOAD - multi-purpose tread - ET50
- Mitas 405/70-20 MPT 01 - traction tread - ET35
- Michelin 400/70 R20 XMCL - traction tread - ET50
- Alliance 400/70 R20 multi-use 550 - municipal tread - ET50
- Alliance 33x12-20 "Beefy Baby" - full rubber - ET35
 - Maximum permissible travel speed is 17 km/h
- Mitas 340/80-20 (12.5 - 20) MPT-01 traction tread - ET58
- Alliance 10-16.5 12PR Primex - ET5
 - Attention - travel speed is max. is 16 km/h as standard!
 - only in association with
 - Front view camera right side
- Firestone 400/70 R20 Duraforce Utility - multi-purpose tread - ET50

Loading system & Quick change plates

- Load stabilizer (vibration dampening) with automatic function
- Automatic bucket return (ABR), including vibration function of the tipping cylinder
- Tipping cylinder lock
- Dirt wipers, telescopic arm
- Mechanical quickhitch facility, Kramer system (telescope "small" - 132° swing angle) (standard)
- Hydraulic quickhitch facility, Kramer system (telescope "small" - 132° swing angle)
- Hydraulic quickhitch facility, Kramer system (telescope "small" - 150° swing angle)
- Smart Attach (fully-hydraulic quickhitch facility); Kramer system (telescope "small" - 150° swing angle)
 - only in association with
 - Pressure release of 3rd control circuit
- Hydraulic quickhitch facility, Weidemann system (150° swing angle)
- Hydraulic quickhitch facility, EURO system (150° swing angle)
- Hydraulic quickhitch facility, Manitou system (150° swing angle)
- Hydraulic quickhitch facility, Matbro / John Deere system (150° swing angle)
- SkidSteer hydraulic quick change plate (150° swing angle)
- Telescopic arm angle display (for Australia/New Zealand)
- Telescopic arm discharge display (for Australia/New Zealand)

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

Hydraulics

- Filling of the hydraulic system with environmentally friendly and biodegradable hydraulic oil
- Oil volume adjustment for auxiliary hydraulic control circuits
 - included in:
 - 7" inch display (incl. oil volume adjustment, joystick sensitivity)
- Pressure release of 3rd control circuit
- Unpressurized return line, on the outer arm, incl. leak oil line
- Diverter valve in front on 3rd control circuit
- Tipper connection
- Three-point lifting unit, category II
- Rear power take-off 540 rpm
 - only in combination with:
 - Three-point lifting unit, category II
 - Automatic attachment coupling 38 mm – fixed to frame
- Rear power take-off 540 rpm
 - only in combination with:
 - Three-point lifting unit, category II
 - Mechanical attachment coupling 32 mm – fixed to frame
- Control circuit, rear attachment, double-acting
 - only in combination with:
 - Tipper connection

Electrical system

- Plug receptacle for front attachments, 7-pole
- Outlet for rear attachments, 7-pole

Safety options

- Temporary reverse alarm (standard)
- Reverse alarm (acoustic)
- Drive train cover
- Underbody protection
 - only in association with
 - Drive train cover
- Immobilizer system, integrated in the ignition switch key
- Seatbelt warning
- Fire extinguisher (2 kg)
- Protective grating for front windshield, removable
 - not approved for machine travel on public roads!
 - not in conjunction with:
 - Red/white warning stripes (in accordance with DIN 30710)
- Red/white warning stripes (in accordance with DIN 30710)
 - Not with:
 - Protective grating for front windshield, removable (not approved for machine travel on public roads)
- CESAR DataTag-ID - Only for countries that use this system within their legal authorities, e.g. Great Britain

Other

- Single-color RAL custom paint finish (gray parts not included)*
- Protective measures against corrosive agents (salt and fertilizer)
 - only in combination with:
 - Dry lubrication (smooth paint) Telescopic arm
 - Telescopic arm dirt wiper
 - Cover for the drive train
- Dry lubrication (smooth paint) Telescopic arm (not for AUS/NZ)

* We reserve the right to decline paint finishes that exhibit similarities to protected colors or color combinations of other manufacturers!

- (Fully automatic) central lubrication unit
- Pre-configured central lubrication system (lubrication line positioned in the arm)
- EquipCare Dual ID

Ball hitches

- Automatic attachment coupling 38 mm - fixed to frame
- Towing hitch
- Auto hitch attachment coupling (incl. Hydraulic control and tipper connection)
- Mechanical attachment coupling 32 mm - fixed to frame
- Bearing block for attachment couplings, height-adjustable (application for attachment coupling, height-adjustment required)
- Automatic 38 mm attachment coupling application for bearing block, height-adjustable
- Ball head coupling (K50) application for bearing block, height-adjustable, extended
- Mechanical attachment coupling application for bearing block, height-adjustable - 32 mm
- Automatic attachment coupling application for bearing block, height-adjustable - 32 mm
- Piton-Fix application for bearing block, height-adjustable
- Mirror for attachment coupling
- Hydraulic trailer brake valve (2-line system)

Extended warranties

- Security 24 (2000 h)
- Security 36 (3000 h)
- Security 48 (4000 h)
- Security 60 (5000 h)
- Power-Line (24 months or 2000 hrs)
- Power-Line (36 months or 3000 hrs)
- Power-Line (48 months or 4000 hrs)
- Power-Line (60 months or 5000 hrs)