



5045T

Telescopic wheel loader

More range. More efficiency.

The 5045T is the perfect all-rounder that adapts to your work - powerful, robust and reliable in daily use. This makes it the ideal introduction to the world of telescopic wheel loaders. The compact design combined with impressive performance is ideal for use in confined spaces - whether in gardening and landscaping or on the construction site. With its powerful 33 kW engine, a maximum speed of 30 km/h and an operating weight of over 3,000 kg, it offers the perfect balance of agility and stability.

Telescopic loading system: Increase in productivity due to the plus of transmission range, stacking and dumping height, as well as an optimal overview due to the narrow box structure

Get in and drive away: Thanks to its one-piece vehicle frame, high level of stability, manoeuvrability and constant payload, as well as the three types of steering (all-wheel, crab and front-wheel steering), the machine is easy to operate, even for inexperienced drivers

Compact dimensions: Due to its compact dimensions and vehicle width of 1.32 m, the 5045T is ideal for confined working environments. With the optional maximum tyre width of 400 mm, the machine is attractive thanks to its greatest possible contact area and therefore provides optimal stability for demanding applications

Cabin versions: Two full-featured wheel loader cabins, comfort cabin (2.26 m height) and low cabin (2.11 m height) provide excellent 360° visibility, as well as ergonomically designed operating elements for easy and intuitive operation. The wide entry enables the comfortable and quick entry and exit - ideal for daily use

Versatile quick change plates: The fully hydraulic quickhitch system Smart Attach is available as an option and enables changing of attachments directly from the cab. In addition, alternative quick change plates, like the Euro-System, are also available

Technical Data

Standard engine data

| | |
|------------------------|---|
| Engine manufacturer | Yanmar |
| Drive output | 33.3 kW |
| Drive output | 45 PS |
| Cylinder capacity | 1,568 cm ³ |
| Exhaust standard level | V |
| Exhaust aftertreatment | Diesel Oxidationskatalysator (DOC) mit Dieselpartikelfilter (DPF) |

Weights

| | |
|-----------------------------------|---------------------|
| Bucket capacity (standard bucket) | 0.45 m ³ |
| Stacking height (max.) | 3,770 mm |
| Operating weight | 3,325 - 3,575 kg |
| Payload (S=1.25) | 1,240 kg |
| Tipping load (standard bucket) | 1,910 kg |
| Tipping load (pallet fork)* | 1,550 kg |

Filling levels

| | |
|---------------------------------|------|
| Tank capacity for fuel | 56 l |
| Tank capacity for hydraulic oil | 19 l |

Drive system

| | |
|-----------------------|-----------|
| Travel speed Standard | 0-20 km/h |
| Travel speed Option 1 | 0-30 km/h |

Hydraulic system

| | |
|---|-------------|
| Work hydraulics discharge volume (max.) | 40+37 l/min |
|---|-------------|

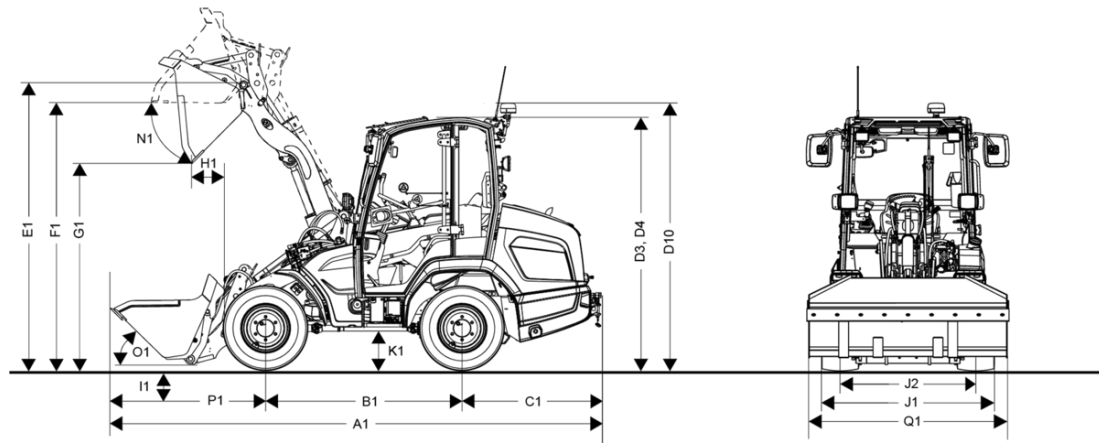
Kinematics

| | |
|---------------------|-----------|
| Kinematics type | Z |
| Quick change system | hydraulic |

Noise characteristic values

| | |
|--|------------|
| Guaranteed sound power level LwA (cabin) | 101 dB(A) |
| Measured sound power level LwA | 99.1 dB(A) |
| Sound pressure level at the operator's ear | 77 dB(A) |

Dimensions



| | | |
|-----|--|----------|
| A1 | Total length with standard attachment | 4,880 mm |
| B1 | Wheel base center | 1,860 mm |
| C1 | Rear overhang | 1,215 mm |
| D3 | Height with cab | 2,260 mm |
| D4 | Height with cab lowered | 2,110 mm |
| D10 | Total height with rotating beacon | 2,390 mm |
| E1 | Max. height blade pivot point retracted | 3,134 mm |
| E2 | Max. height blade pivot point extended | 3,888 mm |
| F1 | Load-over height retracted | 2,910 mm |
| F2 | Load-over height extended | 3,670 mm |
| G1 | Dumping height retracted | 2,420 mm |
| G2 | Dumping height extended | 3,170 mm |
| H1 | Dumping width retracted | 540 mm |
| H2 | Dumping width extended | 910 mm |
| I1 | Digging depth | 55 mm |
| J1 | Total width | 1,320 mm |
| K1 | Ground clearance | 230 mm |
| L1 | Turning radius outer edge wheels | 2,430 mm |
| M1 | Steering angle | 38 ° |
| N1 | Dumping angle at max. lifting height retracted | 40 ° |
| O1 | Dumping angle at ground level | 40 ° |
| Q1 | Bucket width | 1,350 mm |
| R1 | Stacking height retracted | 3,020 mm |
| R2 | Stacking height extended | 3,770 mm |

Standard components

Cab

- Standard cabin with heating
- Rear-view mirror in the cabin
- Automatic turn-signal resetting
- Color-coded keypads for hydraulic, electric, driving and safety functions
- Mechanically-sprung operator's seat with faux leather cover (MSG85/721) with automatic seat belt; weight, back and horizontal adjustment
- Inspected according to ROPS and FOPS I
- Work lights 2x LED Basic on front, 2x LED Basic on rear (1000 Lumen)
- Lighting according to road traffic regulations

Power transmission

- Lubrication line for oscillating pin rear axle
- Combined brake/inch pedal
- Mechanical parking brake
- 100% differential lock front axle

Steering and work hydraulics

- End position synchronization
- Hydrostatic all-wheel steering with emergency steering properties
- Joystick, 3. Electric control circuit with continuous function, with roller switch for selecting the direction of travel

Kinematics

- Z-kinematics with optimised parallel motion
- Hydraulic quickhitch facility

Documentation

- Operator's manual, service manual

Options

Operator's cab & Cabine

- Cabin with heating
 - possible seat options:
 - MSG85/721 fabric
 - MSG85/721 imitation leather
 - MSG75GL/521 Luft Heizung
- Low cabin with heating
 - possible seat options:
 - MSG20 Fabric mech. spring
 - MSG20 Mechanical spring
 - MSG75GL/521 Luft Heizung
- Air conditioning
- Heated exterior mirrors right left
- Windshield heating front rear
- Swivel steering column
- Radio preparation
- Radio with DAB reception

Lighting

- Rotating LED beacon (orange)
- 2x LED Basic front work lights (series)
- 2x LED Basic rear work lights (series)
- LED Performance work lights package (4400 lumen)
 - includes:
 - 2x LED Performance front work lights (4400 lumen)
 - 2x LED Performance rear work lights (4400 lumen)

Approval, road traffic

- License plate illumination, including license plate bracket
- Data confirmation (ABE) for self-propelled work machine (standard)*

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

Drive system & Axles

- Steering mode change; all-wheel, crab and front-axle steering
- Front axle 100% differential lock (standard)
- Low-speed control CSD and hand throttle
 - includes:
 - Power, Eco, Pedal/CSD modes
 - Travel speed 20 km/h (standard)
 - Travel speed 30 km/h
 - only in association with:
 - Steering mode change; all-wheel, crab and front-axle steering
 - Registration plate lighting, including registration plate bracket
 - Automatic load stabiliser

Tires

- 31x15.5-15 BKT SPHD ET-10
- 10.0/75 15.3 BKT AS 504 ET55 (standard)
- 10.0-16.5 BKT SkidPower ET50
- BKT 31x15.50-15 BKT TR-313 ET-10
- 315/55R16 Conti MPT81 ET40

Loading system & Quick coupler system

- Automatic load stabilizer
- Floating position
- Fully hydraulic quick-change device
- Smart Attach (fully hydraulic quick-change device)
 - only in conjunction with:
 - Pressure relief 3. Steering committee
- Quick-change system ISO23206 (EURO) HV
 - not in connection with:
 - Load hook
- Weidemann quick-change system
 - not in connection with:
 - Load hook
- Load hook
 - not in connection with:
 - Quick-change system ISO23206 (EURO) HV
 - Weidemann quick-change system
- Standard loading system (Z-kinematics) - (standard)

Hydraulics

- Filling the hydraulic system with environmentally friendly and biodegradable hydraulic fluid
- Pressure release of 3rd control circuit
- Pre-heating package
 - includes:
 - Coolant pre-heating 230V
 - Fuel pre-heating
 - Hydraulic fluid pre-heating

Hydraulics - front area

- Power hydraulics High Flow 69l/min
 - not in connection with:
 - Front return line unpressurized return leakage oil
- Front return line unpressurized return leakage oil
 - not in connection with:
 - Power hydraulics High Flow 69l/min
- Front changeover valve 3. Steering committee
 - Not in conjunction with:
 - Power hydraulics High Flow 69l/min
 - Rear changeover valve 3. Steering committee

Hydraulics - rear area

- Rear changeover valve 3. Steering committee
 - Not in conjunction with:
 - Front changeover valve 3. Steering committee

Electrical system

- Rear socket 13-pin
- 7-pin front socket outlet
- Battery disconnecter Plus disconnecting external

Safety options

- Reverse alarm (Schnarcher)
- Pipe break protection for lift and tipping cylinders (standard)
- Drive interlock integrated in ignition switch key
 - not in conjunction with:
 - EquipCare + Dual ID
- Seatbelt alarm
 - not in conjunction with:
 - Safety Belt Orange
 - MSG75GL/521+Air+Heater
- Safety Belt Orange
 - not in conjunction with:
 - Seatbelt alarm
 - MSG75GL/521+Air+Heater
- Fire extinguisher (2 kg)
- Red / white warning stripes (DIN30710)
- Telescopic arm anti-friction paint

Paint

- Special paint finish in one color according to RAL (grey parts are not included) *
- Vehicle use Aggressive media (salt and fertilizer use)

* We reserve the right to reject paint finishes that are similar to protected colors or color combinations from other manufacturers!

Other

- Central lubrication system
- Wheel wedge
- EquipCare 36 Mo
- EquipCare Dual ID
 - not in connection with:
 - Immobilizer, integrated in the ignition key

Ball hitches

- Shunting coupling *
- Ball head trailer coupling (K50) - frame-mounted *

*A rear socket must always be selected in conjunction with a trailer coupling (not a maneuvering coupling)!

*Shunting/ball head coupling can only be fitted to the vehicle independently of each other!

Extended warranties

- Security 24 (2000 H)
- Security 36 (3000 H)
- Security 48 (4000 H)
- Security 60 (5000 H)
- Power-Line (24 months or 2000 H)
- Power-Line (36 months or 3000 H)
- Power-Line (48 months or 4000 H)
- Power-Line (60 Monate oder 5000 H)