



# WILLE 375



Wille 375 is a powerful, agile and fast machine. In contrast to, for example, mini-tractors, various loading, piling and transport operations during the renovation of streets and green areas can be performed, thanks to the loader with extensive outreach, with one single machine.

Operator has various possibilities to connect hydraulic flows to front and rear of the machine according to the work requirements. The cabin with excellent ergonomics is spacious and user-friendly. The distinct multi-function display gives the operator precise information about the machine's different functions in the desired language.



## ENGINE

- Kohler KDI1903TCR EU Off Road Stage 5
- 3 cylinder turbo charged and intercooled diesel engine
- DOC and DPF
- Common Rail fuel system
- Displacement 1,861 cm<sup>3</sup>
- Output 42 kW (56 hp)/2,600 rpm
- Max. torque 225 Nm/1,500 rpm
- Fuel tank 50 l

## ELECTRIC SYSTEM

- Voltage 12 V
- Electric main switch
- Battery 100 Ah
- Start motor 2.2 kW
- Alternator 100 A

## TRANSMISSION

- Hydrostatic transmission
  - Variable displacement pump
  - Variable displacement motor
- Charge automation of the engine
- Driving direction to the front and rear is changed electrically
- 1-speed reduction gear
- Driving speed/tractive force 0-38 kph/1,500 daN

## NOISE LEVEL

- External under LwA 101 dBA
- Inside cabin under LpA 73 dBA

## WEIGHT

- Own weight 2,920 kg
- Front axle weight 1,310 kg
- Rear axle weight 1,610 kg

## STEERING SYSTEM

- Hydrostatic articulated steering
- Turning angle +/- 39°
- Angle of oscillation +/- 7°

## AXLES

- Automatic differential locks in the front
- Hydraulically assisted multi-disc brakes in oil-bath in the front
- Electro-hydraulic control of the parking brake

## OPERATING HYDRAULICS

- Gear pump 55 lpm., 190 bar
- Gear pump 35 lpm., 190 bar
- Gear pump 20 lpm., 190 bar
- Volume of hydraulic system about 60 l
- Hydraulic oil cooler

## LOADER

- Optional quick-coupler types: Kunta 500, Trima and Vila
- Hydraulic quick-coupler for work attachment
- Hydraulic self-level feature of the loader
- Hydraulic suspension
- Hydraulic pilot control
- Service support for loader-arms
- Loader-arm support for levelling work

## TYRES

- 31x11.5-15 (width of the machine 1,430 mm)
- With lawn tyres 31x15.5-15 (width of the machine 1,520 mm)

## STANDARD EQUIPMENT

- Motor hydraulic pumps (max flow 2600 rpm)
  - single-acting to the front 110 lpm
  - single-acting to the rear 110 lpm
- Hydraulic circuit for 3rd cylinder, electric control 0 – 35 lpm
- Hydraulic circuit for 4th cylinder, electric control 0 – 35 lpm
- Double-acting cylinder hydraulics to the rear
- Electric Inching and accelerator pedal
- Flow control valve for motor hydraulics with electric control 0 – 55 lpm
- Socket outlet of 12 V in the front and rear
- Beacon light with foldable shaft
- TFT display
- Radio/mp3 Bluetooth/AUX-in/USB/SD-Card
- Windscreen and rear window wiper and washer
- Rear mirrors with heating
- LED work lights in the front and rear
- Adjustment of steering wheel tilt
- Seat with heating
- 2-point safety belt
- Roof window
- Safety cabin ROPS (ISO 3471)
- Safety cabin FOPS (ISO 3449 1365 J)
- Engine heater
- Bottom armours in the front and rear
- Towing hitch
- Reverse alarm (can be connected on/off by operator)
- Immobiliser is active when the parking brake is engaged
- Brackets for work attachments on top of the engine compartment

## OPTIONAL EQUIPMENT

- Rear tilt (Kunta 500, Vila and Trima)
- Float position for rear tilt
- Hydraulic oil heater
- Central pressure lubrication
- Air-conditioning
- Air-cushioned seat
- Readiness for cabin heater
- Brake valve for trailer
- Float position for loader
- Counter-weight 250 kg
- Rear view camera
- Refill pump for hydraulic oil

## Wille work attachments:

- Rotary brush 170
- Collecting sweeper 205
- Ice-plough
- Soil bucket 400 l
- Snow bucket 800 l
- High-tipping bucket 550 l
- Multi-function bucket 750 l
- Rear sand spreader 250 l (370 l for salt)
- Disc gritter 450 l
- Leaf collector 900 l
- High-pressure washer 550 l
- Sprinkling tank 550 l
- Fixed platform 230 l
- Access platform Wille-9
- Forklift forks



|  | FRONT FACE OF THE QUICK-COUPLER | BUCKET 400 L | DISTANCE TO CENTRE OF GRAVITY 500 mm |
|--|---------------------------------|--------------|--------------------------------------|
| Lifting force lower position, kN               | 17.7                            | 16.2         | 14.8                                 |
| Lifting force upper position, kN               | 7.4                             | 5.8          | 5.1                                  |
| Rated transport capacity, kg                   |                                 | 625*         | 850*                                 |
| Tipping load, with straight/turned machine, kg | 1720/1510*                      | 1500/1250*   | 1250/1070*                           |
| Break-out force of the bucket, kN              |                                 | 10.0         |                                      |

\* with rear-tilt, without counter-weight. According to the ISO 8313 and EN 474-3 standards

Dimensions with 400 l bucket:  
Width 1,430 mm  
Inner turn radius 2,140 mm  
Outer turn radius 3,570 mm

