



WILLE 465



The new Wille 465 model picks up from where its predecessor, the best-in-class, reliable Finnish player in real estate services, the Wille 455B, left off – even better than before. The new Stage 3B/ Tier 4 Final engine meets the latest emission requirements. The load sensing hydraulic system with variable displacement pump and proportional control makes the working even more comfortable. The electric inching and accelerator pedal make operating the work attachments significantly easier and more efficient. The extended wheelbase improves the machine's stability and tipping load, and the strong loader enables handling of larger masses than before.



ENGINE

- Kohler KDI 2504 TCR, EU Off Road Stage 3B/Tier 4 final
- 4-cylinder turbo-charged Common rail diesel engine with intercooler
- DOC-catalyst
- Displacement 2482 cm³
- Output 55,4 kW (74,3 hp) 2300 rpm
- Max. torque 300 Nm/ 1500 rpm
- Fuel tank 55 l

ELECTRIC SYSTEM

- Voltage 12 V
- Electric main switch
- Battery 105 Ah
- Start motor 2.0 kW
- Alternator 100 A

TRANSMISSION

- Hydrostatic transmission
- Variable displacement pump
- Variable displacement motor
- Driving direction to the front and rear is changed electrically
- 1-speed reduction gear
- Driving speed/tractive force 0-40 kph/1,600 daN

NOISE LEVEL

- External under LwA 101 dBA
- Inside cabin under LpA 76 dBA

WEIGHT

- Own weight 3,420 kg
- Front axle weight 1,510 kg
- Rear axle weight 1,910 kg
- With standard bucket 3,955 kg

STEERING SYSTEM

- Hydrostatic articulated steering
- Turning angle +/- 40°
- Angle of oscillation +/- 9°

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 with immobilizer

OPERATING HYDRAULICS

- Load sensing hydraulic system with variable displacement, 80 lpm, 200 bar
- Gear pump 52 lpm., 200 bar
- Maximum flow 132 lpm, 200 bar
- Volume of hydraulic system about 70 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
- Automatic suspension for the loader, 5-10 kph
- Hydraulic pilot control
- Service support for loader-arms
- Loader-arm support for levelling work

TYRES

- 305/70R16 (width of the machine 1655 mm)
- Lawn tyres 380/60-R15 (width of the machine 1,830 mm)

STANDARD EQUIPMENT

- Motor hydraulics (max. flow 2,300 rpm)
- double-acting to the front 0 - 80 lpm
- single-acting to the front 52 lpm
- single-acting to the front 52-132 lpm
- single-acting to the rear 52 / 0 - 80 / 52 - 132 lpm
- Hydraulic circuit for 3rd cylinder, proportional control 0 - 52 lpm
- Hydraulic circuit for 4th cylinder, proportional control 0 - 52 lpm
- Double-acting hydraulics to the rear
- Electric inching and accelerator pedal
- Socket outlet of 12 V in the front and rear
- Beacon light with foldable shaft
- Radio/mp3 Bluetooth/AUX-in/USB/SD-Card
- Windscreen and rear window wiper and washer
- Rear mirrors with heating
- Low beam automation
- LED work lights in the front 2000/1800lm and rear 800/1400 lm, EMC –and E- certified
- 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
- Refill pump for hydraulic oil
- Towing hitch
- Reverse alarm , on/off selectable
- Brackets for work attachments on top of the engine compartment

OPTIONAL EQUIPMENT

- Rear tilt (Kunta 500)
- Float position for rear tilt
- Hydraulic oil heater
- Central pressure lubrication
- Automatic air-conditioning
- Air-cushioned seat
- Readiness for cabin heater
- Brake valve for trailer
- Float position for loader
- Counter-weight 300 kg
- FOPS-roof (ISO 3449 11,600 J)
- Rear view camera

Wille work attachments:

- Rotary brush 200
- Collecting sweeper 305
- Zoom plough 290
- Ice-plough
- Soil bucket 600 l
- Snow bucket 1,200 l
- High-tipping bucket 800 l
- Multi-function bucket 1,000 l
- Mechanical rear blade 180 l
- Rear sand spreader 370 l
- Disc gritter 700 l
- Leaf bucket 1,200 l
- Leaf collector 1,000 l
- High-pressure washer 1,000 l
- Fixed platform 300 l
- Platform with hydraulic tipping 300 l
- Access platform Wille-9
- Forklift forks



	FRONT FACE OF THE QUICK-COUPLER	BUCKET 600 L	FORKLIFT FORK with 500 mm DISTANCE TO CENTRE OF GRAVITY
Lifting force lower position, kN	24.7	23.0	19.5
Lifting force upper position, kN	11.6	10.3	9.5
Rated transport capacity, kg		795*	980* (even surface)
Tipping load, with straight/turned machine, kg	2,160/1810*	1940/1590*	1450/1230*
Break-out force of the bucket, kN		16.4	

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

Dimensions with 600 l bucket:
Width 1655 mm
Inner turn radius 2355 mm
Outer turn radius 3750 mm

