



# DESCRIPTIF TECHNIQUE VARIOTRAC 300R

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[WWW.PLAISANCE-EQUIPEMENTS.COM](http://WWW.PLAISANCE-EQUIPEMENTS.COM)



# B SERIE

**Exclusive PTO technology, 2 rotation speeds, increasing torque level, no clutch. A system that combines flexibility, comfort and productivity.**

## VARIOTRAC 500B

### GENERAL INFORMATION

<b>Constructor</b>	PLAISANCE EQUIPEMENTS SAS
<b>Brand</b>	Plaisance
<b>Type</b>	Self-propelled machine
<b>Version</b>	VARIOTRAC 500B
<b>Drive</b>	Mechanical

### FEATURES

<b>Advancement</b>	Hydrostatic advancement with 2 speed ranges 0-8 km/h and 0-25 km/h
	Suptronic advancement control (automatic adaptation of the self-propelled vehicle's advance according to the engine speed)
	Number of axles and wheels: 2 motorized steering axles DANA type 213/196, 213-195, 4 simple wheels
	4 driving wheels
	Steering mode: 2 front wheels steering (for circulation), 4 wheels steering (for work)
<b>Tires size</b>	Forestry tires 23.1-26
<b>Frame</b>	Integral frame made of high strength steel. Floating linkage. Full shielding.
<b>Engine location and layout</b>	On the back, longitudinal
<b>Driver's cab location</b>	Central position between front axle and rear axle

	<b>ENGINE</b>
<b>Denomination</b>	Manufacturer: CATERPILLAR
	Type: C13
<b>General description</b>	Inner combustion engine with reciprocating pistons and crankshaft
	Power rating: 440 hp – Engine capacity: 12,5l
	Cycle: Diesel
<b>Number and disposition of cylinders</b>	6 cylinders in-line
<b>Maximum torque</b>	2082 nm at 1400 rotation/min
<b>Maximum rotation speed</b>	2100 rotation/min
<b>Engine power supply mode</b>	Common rail fuel injection
<b>Air filter type</b>	Dry, with cartridges
<b>Ignition</b>	By compression
<b>Engine cooling</b>	By forced water circulation and water cooler

	<b>CONFORT + CAB</b>
<b>VISION + windscreen</b>	Inclined, monobloc, anti-dust, anti-reflection, anti-rain.
<b>Display and control</b>	Full digital display (mulcher rotation, gauges, indicators, diagnostic, settings...)
	Advancement control by front/rear foot pedal and manual reversing
<b>Safety</b>	Lexan-Margard® safety glass (12 mm)
	ROPS-FOPS-OPS approval
<b>Equipment</b>	Cab: air-conditioning system, soundproofed, pressurized and high comfort damping system – rearview camera
	Working lights: 2 front and 2 rear
	High comfort seat (Public works type)
	Stereo USB-Bluetooth radio

	<b>EXTRA INFORMATION</b>
<b>Fuel type</b>	Diesel
<b>Fuel tank</b>	714 l steel tank
<b>Hydraulic tank</b>	146 l steel tank on the right side of the frame
<b>AdBlue tank</b>	45 l on the left side in the hydraulic tank

## MULCHER TECHNICAL DESCRIPTION

# BF 652 2200

## MULCHER

<b>Rotor width</b>	2,2 m
<b>Rotor diameter</b>	590 mm
<b>Use</b>	Forestry mulching
<b>Teeth</b>	Fixed – Single or double carbide tip + Side teeth
<b>Teeth position on the rotor</b>	Fixed – Helical and V positions
<b>Side belts transmission to rotor</b>	2 Polychain belts in carbon
<b>Curtain of chains</b>	Double anti-projection curtain of chains
<b>Protection door</b>	Hydraulic with two cylinders (public works)
<b>Hydraulic rake</b>	With two cylinders (public works)
<b>Frame</b>	HLE and HARDOX® steels
<b>Rolling</b>	Heavy duty roller bearings with double rows of rollers. Made with mass cut steel bearing.
<b>Rotor axis</b>	Bolted shafts
<b>Skids</b>	HARDOX 500® soles Adjustable in 3 positions: +45mm / 0mm / -45mm
<b>Protections</b>	Anti-wire cut in mass, bolted and interchangeable
<b>Hitch</b>	Specific hydraulic third point (Cat 3)

### SINGLE CARB TIPS



Wood tool

OF3  
95 to 110 teeth



Wood tool

OF8  
95 to 110 teeth



Wood tool

OF7  
45 to 50 teeth



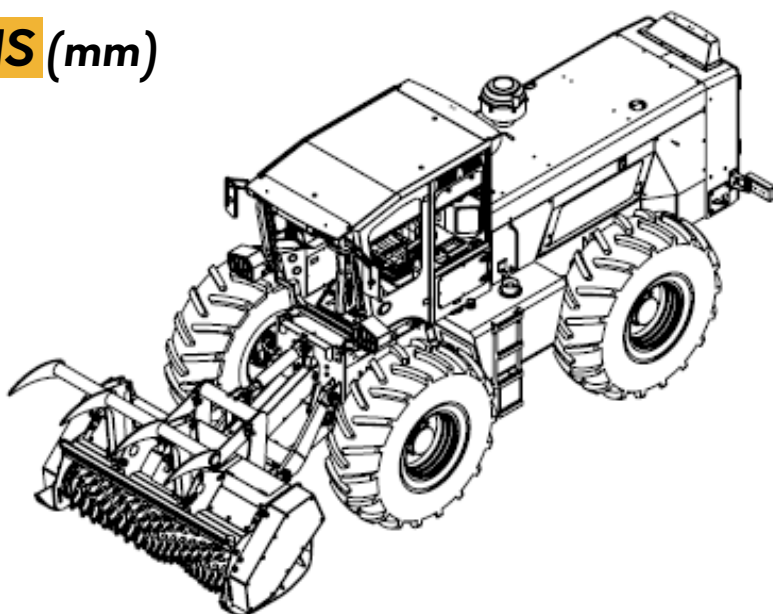
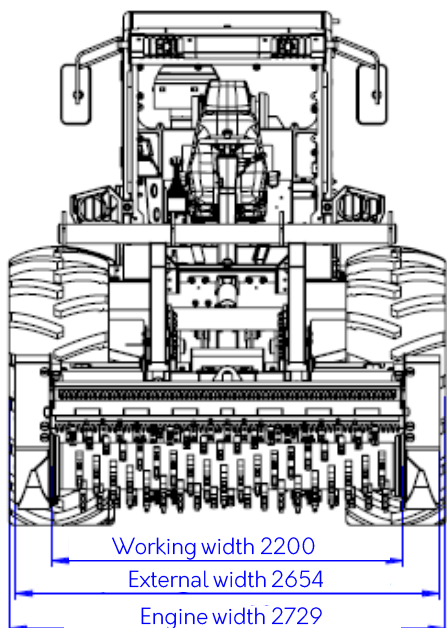
Stone tool

OM4  
45 to 50 teeth

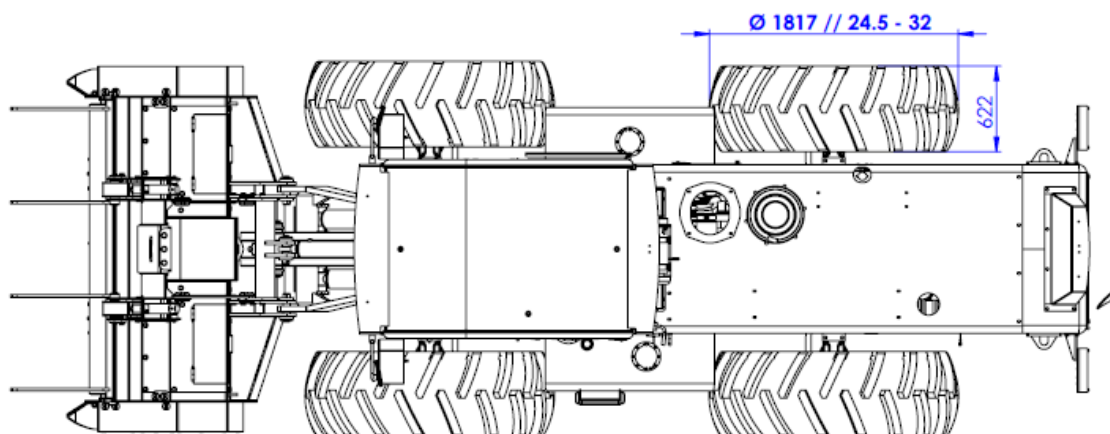
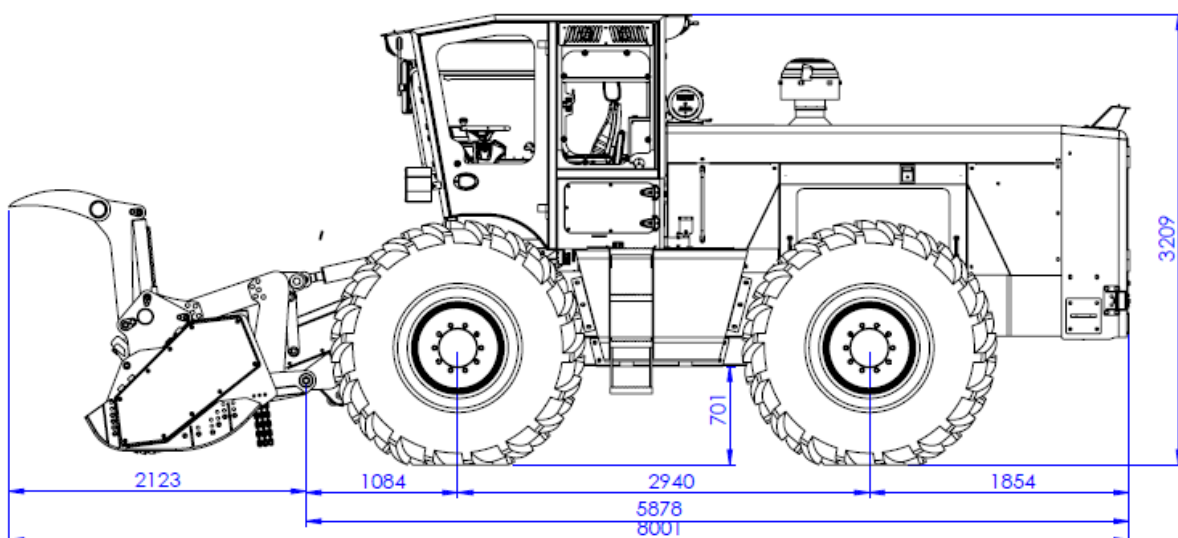
### DOUBLE CARB TIPS



## PLAN AND DIMENSIONS (mm)



**TOTAL WEIGHT: 13 530 kg**



## CABIN INTERIOR



## STEERING COLUMN TILT





