



# TECHNICAL DATASHEET

## VARIOTRAC 500B

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# 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

Constructor	PLAISANCE EQUIPEMENTS SAS
Brand	Plaisance
Type	Self-propelled machine
Version	VARIOTRAC 500B
Power grip	100% Mechanic

### FEATURES

Advancement	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
Tyres size	Steering mode : - 2 front wheels steering (for circulation), 4 wheels steering (for work)
	Forestry tyres 23.1-26
Chassis	Integral chassis made of high strenght steel. Floating motor-box set. Full shielding.
Engine location and layout	On the back, longitudinal
Driver's cab location	Central position between front axle and rear axle

	<b>ENGINE</b>
Denomination	Manufacturer : CATERPILLAR
	Type : C13 – AdBlue – Stage 5
General description	Inner combustion engine with reciprocating pistons and crankshaft
	Power rating : 462 Hp – Engine capacity : 12,5l
	Cycle : Diesel
Number and disposition of cylinders	6 cylinders in line
Maximum torque	2082 nm at 1400 rotation/min
Maximum rotation speed	2100 rotation/min
Engine power supply mode	Common rail fuel injection
Air filter type	Dry, with cartridges
Ignition	By compression
Engine cooling	By forced water circulation and water cooler
	<b>CONFORT + CAB</b>
VISION + windscreen	Inclined, monobloc, anti-dust, anti-reflection, anti-rain.
Display and control	Full digital display (mulcher rotation, gauges, indicators, diagnostic, settings...)
	Advancement control by front/rear foot pedal and manual reversing
Safety	Lexan-Margard® safety glass (12 mm)
	ROPS-FOPS-OPS approval
Equipments	New cab, air-conditioned, soundproof, pressurized and high comfort damping system – rearview camera
	Work light : 2 front headlights and 2 rear headlights
	High comfort seat (Public works type)
	Stereo USB-Bluetooth radio
	<b>EXTRA INFORMATION</b>
Fuel type	Diesel
Fuel tank	714 liters metallic tank
Hydraulic tank	146 liters metallic tank fixed on the right side of the chassis
AdBlue tank	45 liters on the left side in the hydraulic tank

## Mulcher technical description

# BF 652 2200

	MULCHER
Rotor width	2,2 m
Rotor diameter	590 mm
Use	Forestry mulching/crushing
Tools	Fixed - 1 or 2 carbide tips
Tools position on the rotor	Helical and V positions
Mechanical drive	2 Gates® Polychain belts
Curtain of chains	Triple curtain of chains
Protection door	Hydraulic with two (public works) heavy duty cylinders
Hydraulic rake	Hydraulic with two HARDOX® jacks
Rolling	Heavy duty roller bearings with double rows of rollers. Made with mass cut steel bearing.
Ski	HARDOX 450® soles
Protections	Anti-wire, bolted and interchangeable cut in mass, chains and antiprojections
Bearings	Mass cut steel bearing
Box	Double industrial gimbals mechanical drive
Counter blade	HARDOX® counter knives, inside chassis
Hitch	Specific hydraulic third point
Chassis	HLE and HARDOX® steels

## Tools

Single carb tip



OF3

Double carb tip



OF7

Single carb tip for stones and materials



OF8

Double carb tip for stones and materials



OM4



## Dimensions (kg and mm)

### COMPLET ROUE 23.1-26





