



# ***TECHNICAL DATASHEET***

# ***VARIOTRAC 300***

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## **VARIOTRAC 300**

### **GENERAL INFORMATION**

Constructor	PLAISANCE EQUIPEMENTS SAS
Brand	Plaisance
Type	Self-propelled machine (MAGA)
Version	VARIOTRAC 300
Power grip	100% Mechanic – Multi-disc oil bath technology

### **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 223/169 and 223/170, 4 simple wheels
	4 driving wheels
	Steering mode : – 2 front wheels steering (for circulation), 4 wheels steering (for work)
Tyres size	Forestry tyres 18,4-26
Chassis	Integral chassis made of high strength 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 : CUMMINS
	Type : B6.7 - Stage 5
General description	Inner combustion engine with reciprocating pistons and crankshaft
	Power rating : 264 Hp – Engine capacity : 6,7 l
	Cycle : Diesel
Number and disposition of cylinders	6 cylinders in line
Maximum torque	1152 nm at 1500 rotation/min
Maximum rotation speed	2500
Engine power supply mode	Common rail fuel injection
Air filter type	Dry, with cartridges
Igniting	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
	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	300 liters metallic tank fixed on the right side of the chassis
Hydraulic tank	159 liters metallic tank fixed on the left side of the chassis
AdBlue tank	38 liters on the right in the hydraulic tank

## Mulcher technical description

### *BF 501 2000R*

### *MULCHER*

Rotor width	2 m
Rotor diameter	500 mm
Use	Forestry mulching/crushing
Tools	Fixed – 1 or 2 carbide tips
Tools position on the rotor	Helical and V positions
Mechanical drive	6 V-belts by side
Curtains of chains	Double 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 500® soles
Protections	Anti-wire, bolted and interchangeable cut in mass, chains and metal sheet 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	<b>HLE and HARDOX® steels</b>

## Tools

*Single carb tip*



**OF5**

*Double carb tip*



**OF6**

## Dimensions (mm)



