



# 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<br>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),<br>4 wheels steering (for work)                               |
| Tyres size                 | Forestry tyres 18,4-26   |
| Chassis                    | Integral chassis made of high strength steel.<br>Floating motor-box set.<br>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                    |
|                     | Rearview camera  |
| 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 :<br>2 front headlights and 2 rear headlights                             |
|                     | High comfort seat (Public works type)  |
|                     | Stereo USB-Bluetooth radio   |
| Winch               | Hydraulic – 10 tonnes (optional)   |

|                | <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.<br>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)



