



TECHNICAL DATASHEET

VARIOTRAC 180H

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VARIOTRAC 180H

GENERAL INFORMATION

Constructor	PLAISANCE EQUIPEMENTS SAS
Brand	Plaisance
Type	Self-propelled machine (MAGA)
Version	VARIOTRAC 180H
Drive	Hydraulic

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 212/420 and 212/421, 4 simple wheels
	4 driving wheels
	Steering mode: 2 front wheels steering (for circulation), 4 wheels steering (for work)
Tires size	Forestry tires 420/85-28
Frame	Integral frame made of high strength steel. Full shielding.
Engine location and layout	On the back, longitudinal
Driver's cab location	Central position between front axle and rear axle

	ENGINE
Denomination	Manufacturer: VOLVO PENTA
	Type: TAD581_VE
General description	Inner combustion engine with reciprocating pistons and crankshaft
	Power rating: 175 hp – Engine capacity: 5,13 l
	Cycle: Diesel
Number and disposition of cylinders	4 cylinders in line
Maximum torque	950 nm at 1300 rotation/min
Maximum rotation speed	2310 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

	CONFORT + CAB
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
Equipment	New air-conditioning, soundproofed, pressurized and high comfort damping system
	Working lights: 2 at the front and 2 at the rear
	High comfort seat (Public works)
	Stereo USB-Bluetooth radio

	EXTRA INFORMATION
Fuel type	Diesel
Fuel tank	215 l steel tank on the left side of the frame
Hydraulic tank	195 l steel tank on the right side of the frame
AdBlue tank	45 l on the right in the hydraulic tank

MULCHER TECHNICAL DESCRIPTION

BF 401H 1800

MULCHER

Rotor width	1,8 m
Rotor diameter	497 mm
Use	Forestry mulching/crushing
Teeth	Double carbide tips + side teeth
Teeth position on the rotor	Fixed - Helical and V positions
Side belt transmission to rotor	1 polychain belt in carbon
Curtain of chains	Anti-projection curtain of chains
Protection door	Hydraulic with two cylinders (public works)
Hydraulic rake	Hydraulic with two cylinders (public works)
Frame	HLE and HARDOX® steels
Rolling	Heavy duty roller bearings with double rows of rollers. Made with mass cut steel bearing.
Rotor axis	Bolted shafts
Skids	HARDOX 450® soles
Protections	Anti-wire, bolted and interchangeable cut in mass, chains and metal sheet antiprotection
Hitch	Hydraulic third point

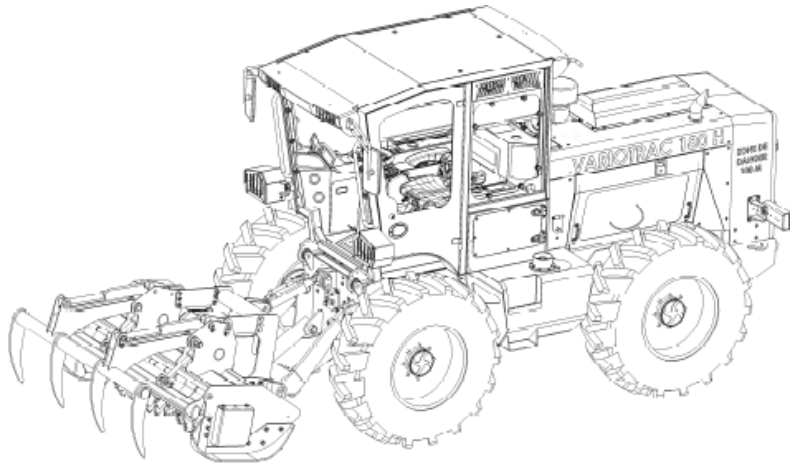
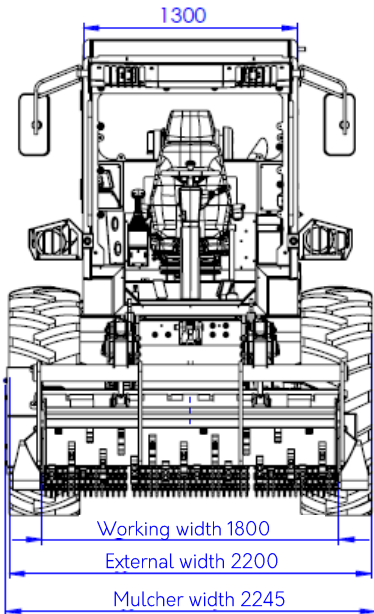
TEETH



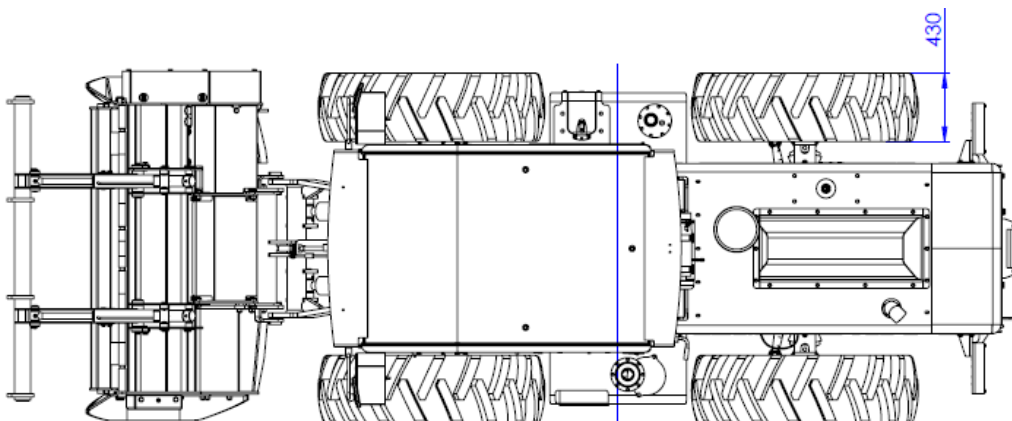
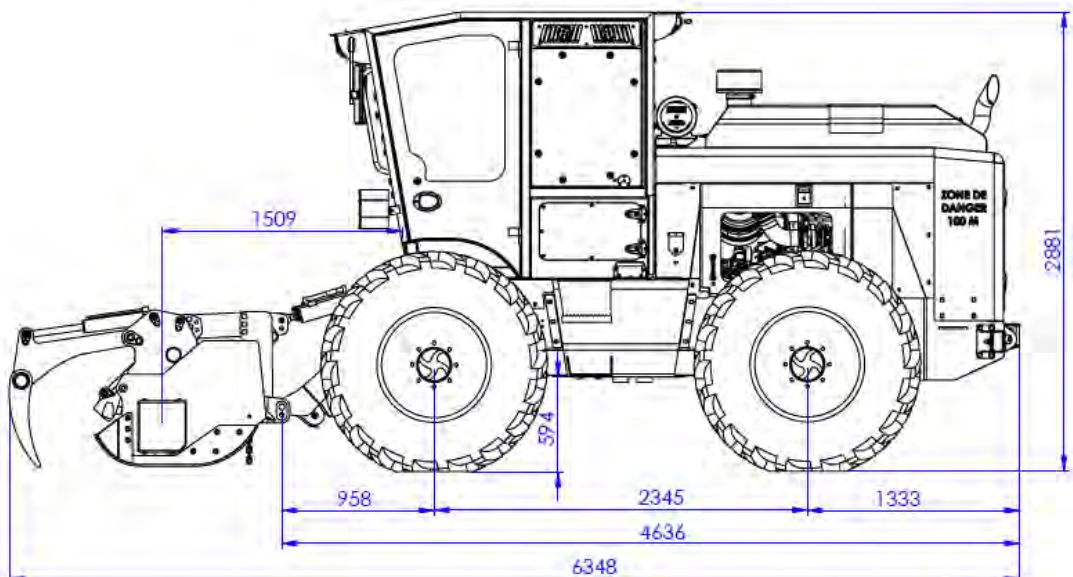
Wood tool
Double carb tip

OF6
35 to 50 teeth

PLAN AND DIMENSIONS (mm)



TOTAL WEIGHT: 7 275 kg



CABIN INTERIOR



STEERING COLUMN TILT



