



TECHNICAL DATASHEET VARIOTRAC 300R

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VARIOTRAC 300R

GENERAL INFORMATION

Constructor	PLAISANCE EQUIPEMENTS SAS
Brand	Plaisance
Type	Self-propelled machine (MAGA)
Version	VARIOTRAC 300R
Power grip	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 SPICER
	4 driving wheels
	Steering mode: – 2 front wheels steering (for circulation), 4 wheels steering (for work) / Crab steering or rear wheel following
Tires size	Forestry or road tires 18,4-26 or ALLIANCE R550
Chassis	Integral chassis made of high strength steel. Floating motor-box set. Full shielding.
	Winch in option
Engine location and layout	On the back, longitudinal
Driver's cab location	Central position between front axle and rear axle

LATERAL ARM FEATURES

Size	5,5 m	9 m
Properties	Removal arm in SX 960 with rotator	
	180° amplitude	
Tools	BFH 301 or sawblade	

	ENGINE	
Denomination	Manufacturer: CUMMINS	
	Type: QSB 6,7	
General description	Inner combustion engine with reciprocating pistons and crankshaft	
	Power grip: 260 hp – Engine capacity: 6,7 l	
	Cycle: Diesel	
Number and disposition of cylinders	6 cylinders in line	
Maximum torque	987 Nm at 1500 rotation/min	
Maximum rotation speed	2200	
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 10 mm	
	ROPS-FOPS-OPS approval	
Equipment	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	

	EXTRA INFORMATION	
Fuel type	Diesel	
Fuel tank	Without winch: 466 l steel tank on the back of the frame	With winch: 357 l steel tank on the back of the frame
	110 l steel tank on the left side of the frame	

TECHNICAL DESCRIPTION - FRONT TOOL

BF 501 2000R

FRONTAL MULCHER

Rotor width	2 m
Rotor diameter	500 mm
Use	Forestry mulcher
Teeth	Fixed – 1 or 2 carbide tips Side teeth
Teeth position on the rotor	Helical and V positions
Side belts transmission to rotor	6 V-belts by side
Curtains of chains	Double curtain of chains
Protection door	Hydraulic with two cylinders (public works)
Hydraulic rake	With two cylinders (public works)
Frame	Strengthen – High tensile steel
Rolling	Heavy duty roller bearings with double rows of rollers. Made with mass cut steel bearing.
Rotor axis	Bolted shafts
Skids	HARDOX 500® soles Adjustable in 3 positions: + 45 mm / 0 mm / - 45 mm
Protections	Anti-wire cut in mass, bolted and interchangeable
Gearbox	300 hp
Hitch	Second and third hydraulic point

TEETH



Wood tool
Single carb tip

OF5
75 to 95 teeth



Wood tool
Double carb tip

OF6
45 to 55 teeth

TECHNICAL DESCRIPTION - SIDE TOOL

BFH 301

MULCHER

Rotor widths	0,8 m	1 m	1,2 m
Rotor diameter	410 mm		
Use	Mulching		
Teeth	Fixed – Single, double carbide tip or without carbide		
Teeth position on the rotor	Helical and V positions		
Side belt transmission to rotor	1 polychain belt in carbon		
Curtain of chains	Single curtain of chains		
Protection door	Hydraulic with two cylinders (public works)		
Safety	Anti-shock, anti-cavitation valves		
Rolling	Heavy duty roller bearings with double rows of rollers. Made with mass cut steel bearing.		
Skids	HARDOX 450® soles		
Protections	Anti-wire, bolted and interchangeable cut in mass		
Bearings	Mass cut steel bearing		
Hydraulic motor	HYDRO LEDUC		
Counter blade	HARDOX® counter knives, inside frame		
Frame	HLE steel		
Hydraulic flow/Pressure	We will adapt the hydraulic motor to your flow rates and pressures to optimize the power and achieve optimum performance		

TEETH



Wood tool
Single carb tip

OF5
75 to 95 teeth



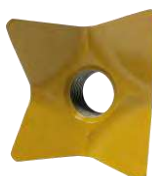
Wood tool
Double carb tip

OF6
45 to 55 teeth



Wood tool
Double carb tip

OF12
20 to 30 teeth



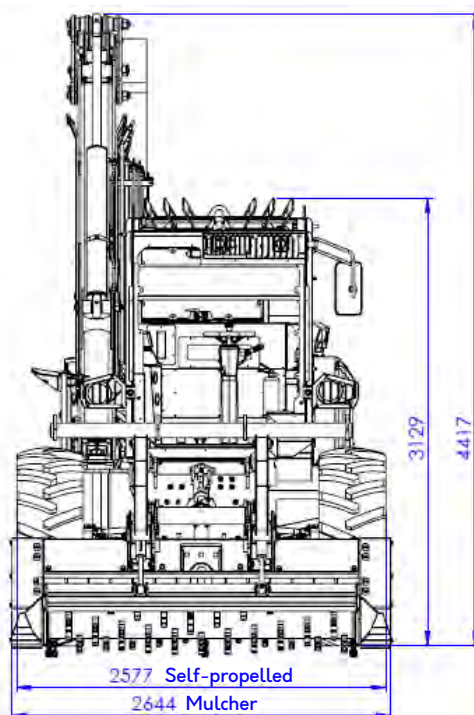
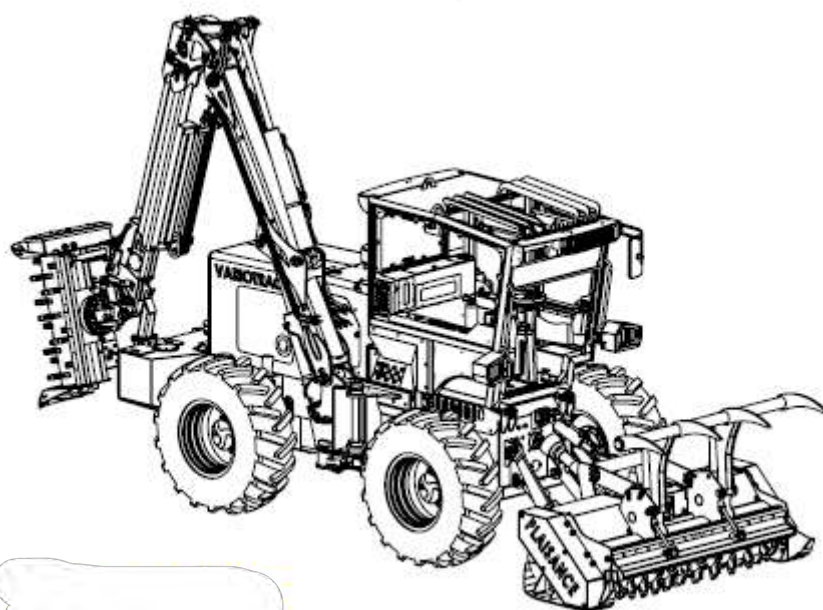
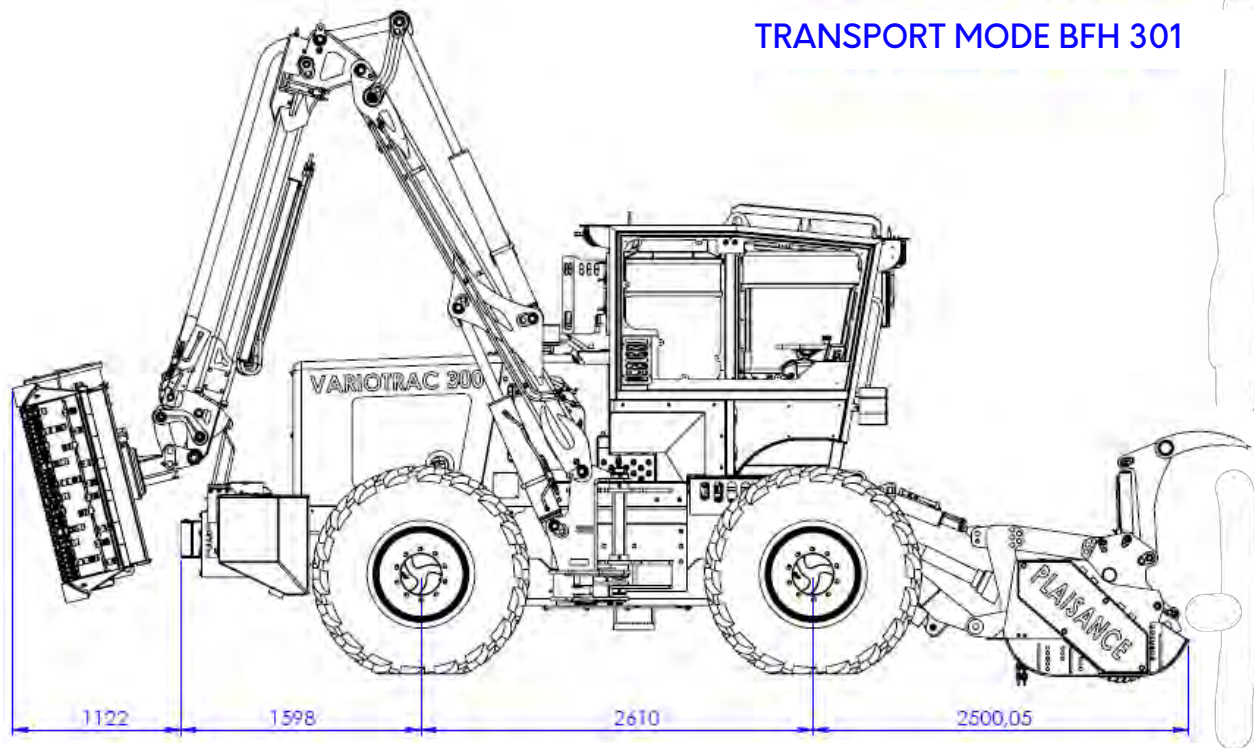
Wood tool
Without carbide

OFMX1
20 to 30 teeth

4 OR 6-DISC SAWBLADE AVAILABLE

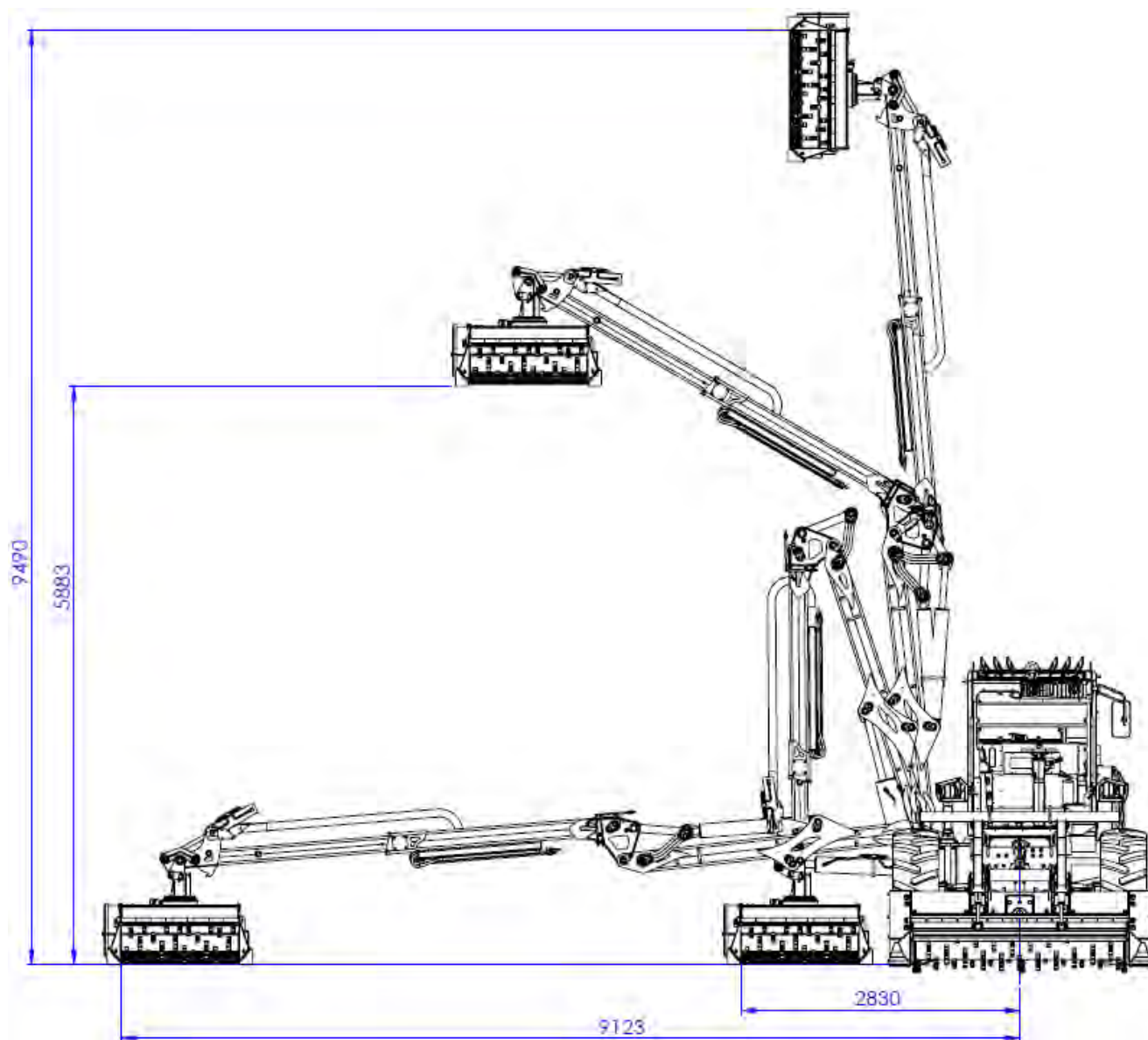
DIMENSIONS – HYDRAULIC FORESTRY MULCHER CONFIGURATION (mm)

TRANSPORT MODE BFH 301

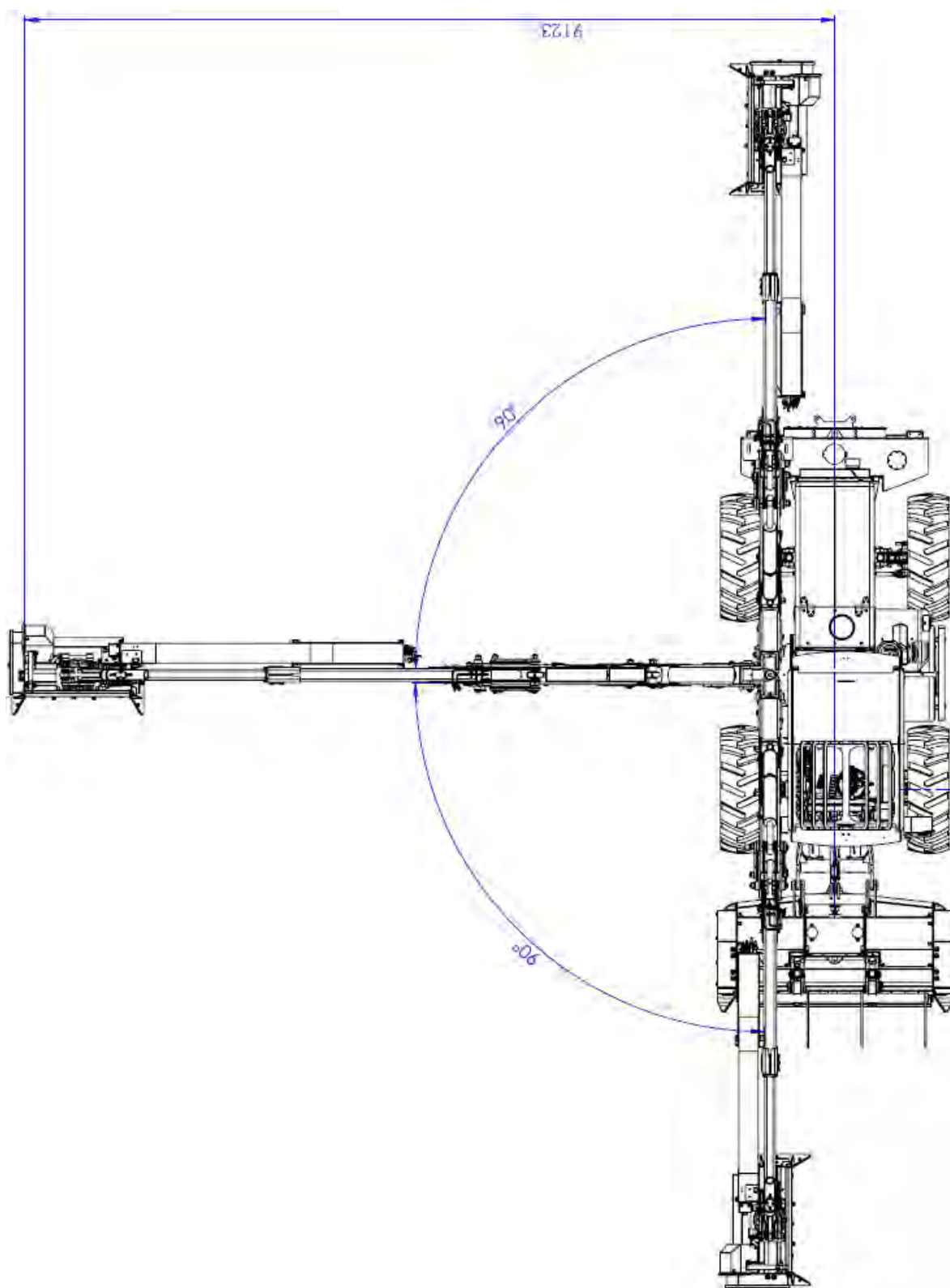


TOTAL WEIGHT: 12 040 kg

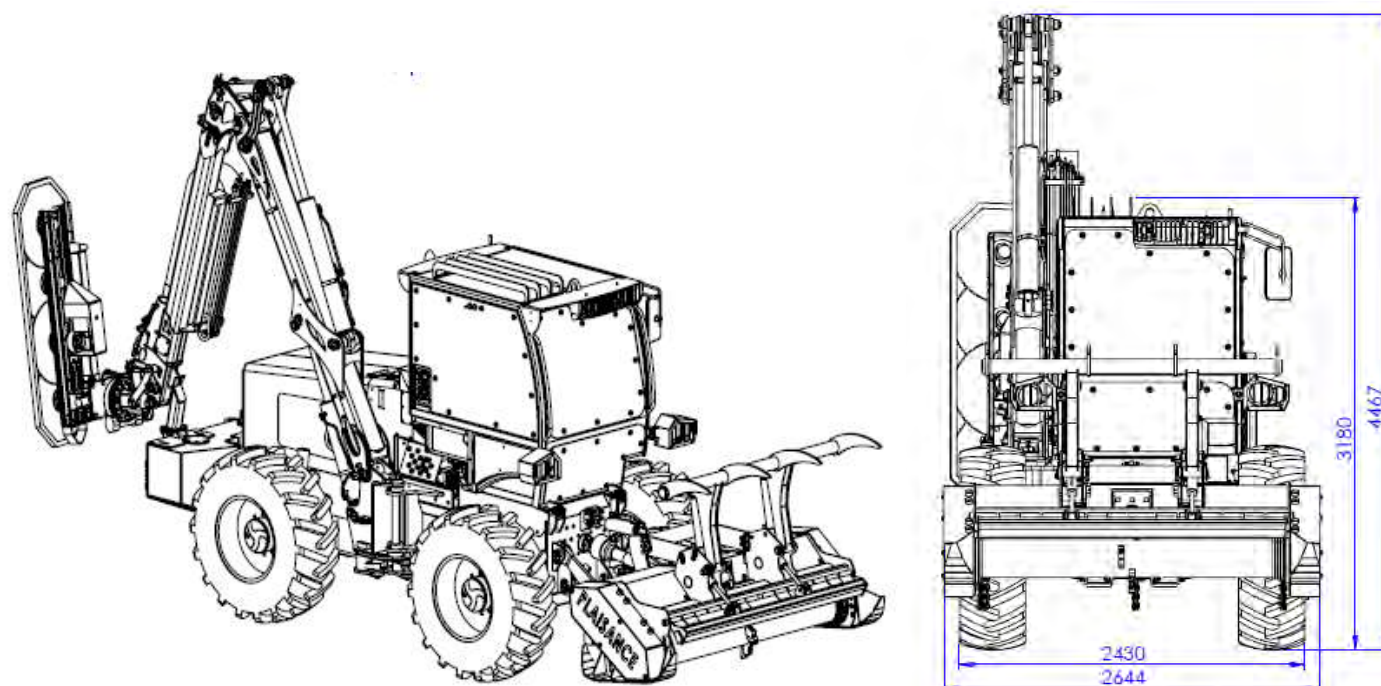
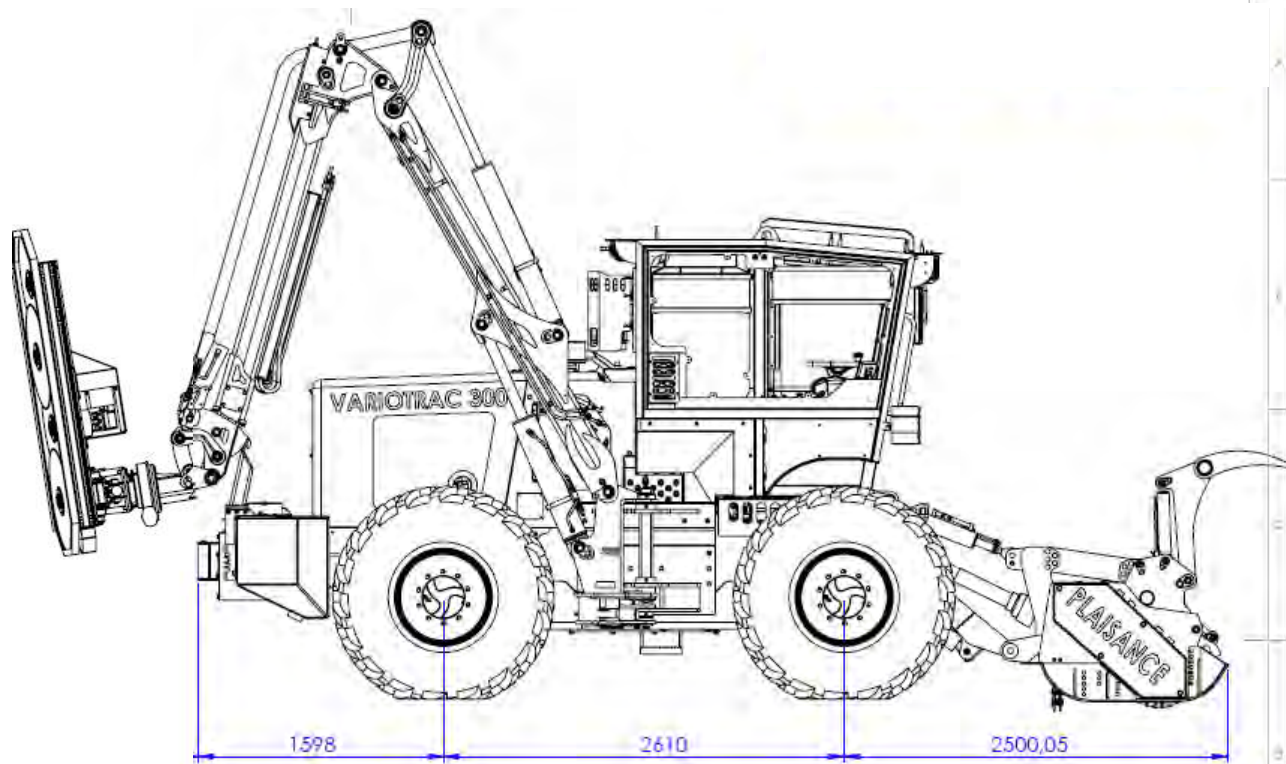
ARM AMPLITUDE – HYDRAULIC FORESTRY MULCHER CONFIGURATION (mm)



ARM AMPLITUDE – HYDRAULIC FORESTRY MULCHER CONFIGURATION (mm)



DIMENSIONS – 4-DISC SAWBLADE CONFIGURATION (mm)



4 OR 6-DISC SAWBLADE AVAILABLE

CABIN INTERIOR



STEERING COLUMN TILT





