

RoboPLUS 100HP



REMOTE CONTROLLED TOOL CARRIER



**REMOTE CONTROLLED
TOOL CARRIER**





New Remote Radio-Controlled Tool-Carrier

RoboPLUS is a remote-controlled tool-carrier machine able to work in the narrowest areas, on slopes up to **61°** or where the access is very difficult.

Equipped with a **100 HP (75 kW) EPA Tier 4** diesel engine

RoboPLUS is the first radio-controlled machine in the world with AdBlue tank.

Equipped with two double effect hydraulic functions it can carry various tools like a forestry head, a winch etc.

RoboPLUS, thanks to its power, performances, reliability and robustness, is completely different from other remote-controlled machines.

ROBOPLUS

1ST RADIO
CONTROLLED
MACHINE IN THE
WORLD WITH
100 HP
AND
EPA TIER 4
TECHNOLOGY

AdBlue®
TANK
INTEGRATED
INTO THE
MACHINE
STRUCTURE



RoboPLUS
100HP

WORKING RANGE 492 FT

STRENGTHS



Safety and Comfort

- Radio controlled machine
- Operator in safety zone
- Emergency button on remote control
- Excellent handling
- Easy to use and carry
- Quick connection system for the attachment



Multifunction

- Road and river maintenance
- Green maintenance and forestry work
- Agriculture and industry service
- Winter road service

RoboPLUS
100HP



STRENGTHS



Productivity

- Engine 100 HP EPA Tier 4
- Top ability and reduced consumption with new **"Efficiency Control System"**
- Performance engine with new **"PAI - Power Air Intake"**
- Maneuverability on any surface



Working on steep slopes

- Excellent grip in all directions up to 61°
- Exclusive tracks design
- Special oil sump
- Low center of gravity

SLOPE



OPERATOR
IN SAFETY
ZONE



REMOTE CONTROLLED

RoboPLUS is Safety

RoboPLUS is a remote-controlled machine, able to work in **complete safety** in **dangerous areas**, with slopes up to **61°** in any directions.

The low center of gravity and rubber or steel tracks assure excellent stability and grip even in the steepest situations.

With the radio-controlled machine **RoboPLUS** the operator works in full safety: the working range of the remote-control reaches 150 meters avoiding the exposition to noise, vibration, exhaust gas, object projection that could compromise the safety of the working activity.

RoboPLUS
100HP

THE REMOTE CONTROL
IS LIGHTWEIGHT, INTUITIVE,
AND EASY TO MASTER

EMERGENCY
BUTTON



150 M
492 FT

ENGINE

Robo**PLUS** 100HP



100 HP Power Engine

Robo**PLUS** is equipped with a **100 HP** (75 kW) **Deutz** engine with 4-cylinder inline engine with liquid-cooled, external exhaust gas recirculation and **EPA Tier 4** emissions.

The powerful Common Rail injection system at high pressure and the electronic engine control (EMR) with intelligent link to the drive management ensure optimum engine performance at low fuel consumption.

Engine information is available on the control display in the machine.

EASY ACCESS
FOR MAINTENANCE



DEUTZ

QUALITY



DEUTZ ENGINE 100 HP EPA TIER 4



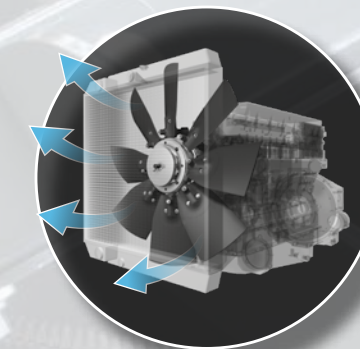
THE BEST COMPONENTS



FREXXAIRE® SELF-CLEANING REVERSIBLE FAN



Robo**PLUS** is equipped with the **self-cleaning reversible fan FLEXXAIRE®** to increase productivity and fuel saving.

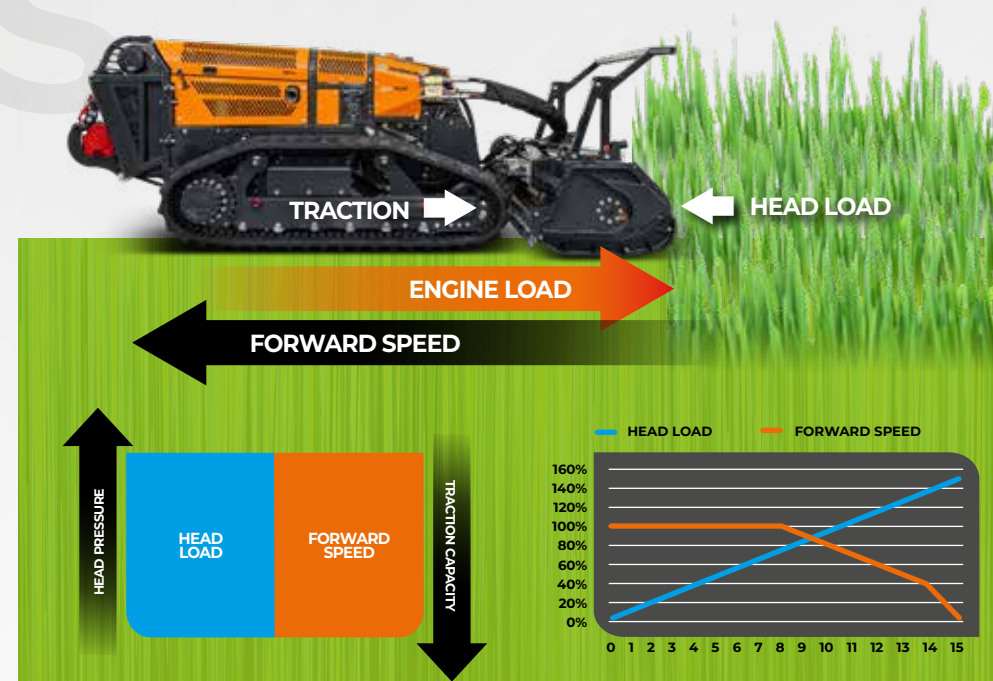


FEATURES

EFFICIENCY CONTROL



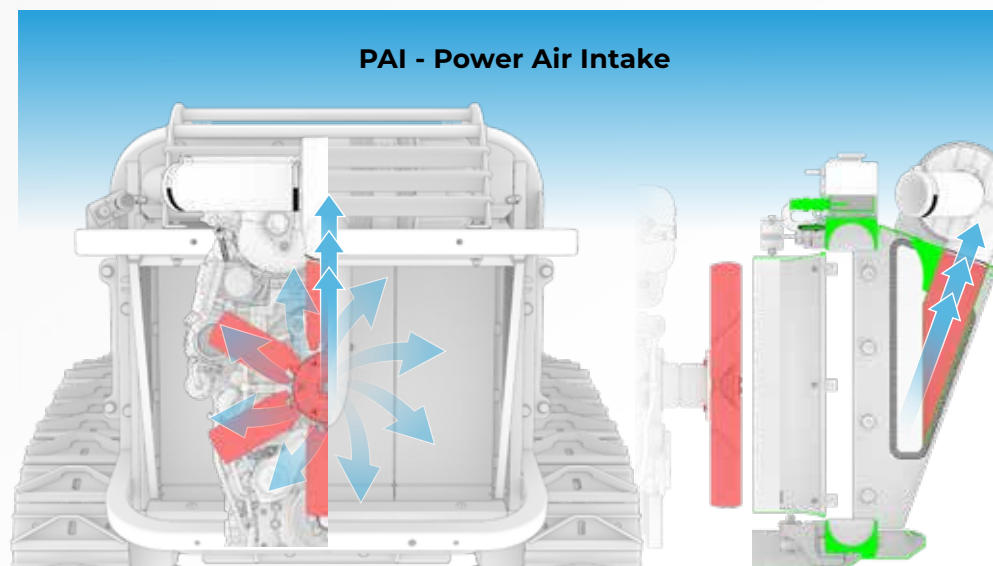
RoboPLUS is equipped with an electronic device which, thanks to a dedicated Energreen software, can optimize the use of the machine at maximum performance, with fuel efficiency. The system controls the “heat engine load” and the machine advancement optimizing everything in order to have **top efficiency** and **low fuel consumption**.



PAI POWER AIR INTAKE



RoboPLUS is equipped with an innovative heat engine air intake system located on the back side of the machine, which improves engine performance, optimizing operation. The system allows the engine to take in air in the cooler and less turbulent area of the machine. The central zone of the cooling radiator is characterized by a depression produced by the intake of the engine fan. This system represents an ideal environment for powering the heat engine and for optimizing its work.





LOWERED CENTER OF GRAVITY

*Robo***PLUS**

WORK ON SLOPES

Working on steep slopes up to 61°

The **special design of the tracks** and its **tensioning system** makes **RoboPLUS** a safe machine for working on slopes up to **61°** in any direction: hilly and mountain areas, slopes, embankments, and in all those places where the adherence is very low and where a machine for high slopes is required.



OPTION A

SUPER RUBBER TRACKS



OPTION B

STEEL TRACKS



HYDRAULIC TENSION OF THE TRACKS

TRACKS



Strong and reliable forestry head, with a frame made of high resistance Strenx® steel, wear-proof and shock-proof. It is the ideal solution to cut grass and shrubs. It can be equipped with a rotor with rotary hammers or teeth.

TECHNICAL DATA

	HAMMERS	TEETH
Cutting width	59 in	58 in
Maximum cutting diameter	3.1 in	4.7 in
Speed rotor	2200 rpm	2200 rpm
No. of tools	20	42
Weight	1742 lbs / 1807 lbs (Full opt.)	1741 lbs / 1807 lbs (Full opt.)



CEJN fast hydraulic couplings



Front lifter with quick attachment with safety lever (A)



Control board with color display 3.5"



Total protection design



WINCH
REAR HYDRAULIC WINCH

Rear hydraulic winch, useful for towing the machine in case of need. Has a towing capacity of 2204 lbs, which added to the power of the machine increases its strength to ensure maximum reliability.

TECHNICAL DATA

Pulling force	2204 lbs
Hydraulic flow	5 gal/min
Drum rope length	105 ft
Rope diameter	0.3 in
Towing pressure	2610 PSI
Weight (complete with support)	254 lbs

TECHNICAL DATA



RoboPLUS

Maximum slope	61°
Transmission	Hydrostatic
Low range speed	0 - 2.50 mph
High range speed	0 - 4.66 mph
Weight with super rubber tracks	5842 lbs
Weight with steel tracks	6062 lbs

ENGINE

Brand	Deutz
Type	4 Cylinders Diesel
Power	100 HP (75 kW) EPA Tier 4
Fuel tank capacity	16 gal.
Working RPM	2000 rpm



REMOTE CONTROL

Brand	Autec
Radio frequency	915 Mhz
Working range	492 ft
Joystick	Proportional
Battery (Li-ion 1400 mAh)	Rechargeable



REMOTE CONTROL CASE
standard





*Robo***PLUS**

f y i in **ENERGREENAMERICA.COM**



REMOTE CONTROLLED TOOL CARRIER

Local dealership



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PROFESSIONAL MACHINES AND ATTACHMENTS

