RoboPLUS 100HP

ENERGREEN® America
Professional Machines

REMOTE CONTROLLED TOOL CARRIER

61 SLOPE

Efficiency system Control

PAI system
Power Air Intake

Robo

REMOTE CONTROLLED
TOOL CARRIER

New

ROBOPLUS

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 likea a forestry head, a winch etc.

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

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

RoboPLUS 100HP

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

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

Multifunction

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

Working on steep slopes

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

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

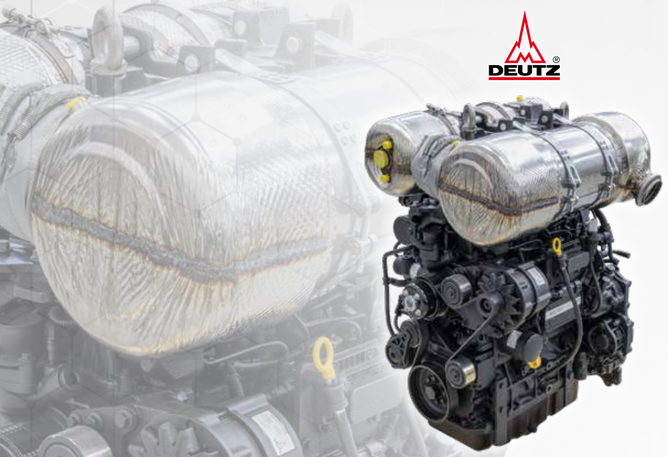
ENGINE

RoboPLUS 100HP

100 HP Power Engine

RoboPLUS 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.



DEUTZ

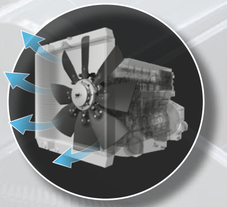
QUALITY

DEUTZ ENGINE 100 HP EPA TIER 4

THE BEST COMPONENTS

FREXXAIRE® SELF-CLEANING REVERSIBLE FAN

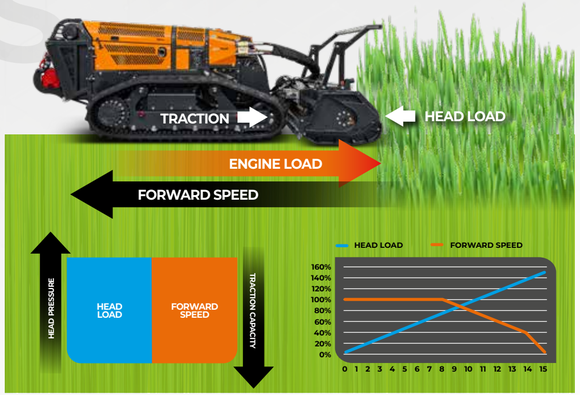
RoboPLUS is equipped with the **self-cleaning reversible fan FLEXXAIRE®,** to increase productivity and fuel saving.



FEATURES

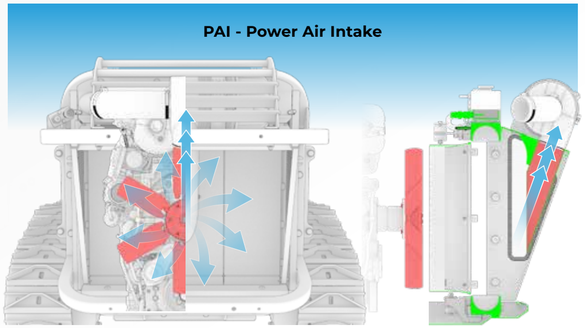
EFFICIENCY CONTROL

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.



WORK ON SLOPES

61

LOWERED CENTER OF GRAVITY

RoboPLUS

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

FORESTRY 150

FORESTRY HEAD

HEMMERS 3.1”

TEETH 4.7”

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.)

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

CEJN fast hydraulic couplings

Front lifter with quick attachment with safety lever (A)

Control board with color display 3.5”

Total protection design

TECHNICAL DATA

* Super rubber tracks
** Steel tracks

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

RoboPLUS

ENERGREENAMERICA.COM

REMOTE CONTROLLED TOOL CARRIER

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Professional Machines

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PROFESSIONAL MACHINES AND ATTACHMENTS

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