



PROFESSIONAL MACHINES

227 Trade Court - Aiken - SC 29805 - USA - Phone 470-989-2600
info@energreenamerica.com - www.energreenamerica.com

Contract: VSA Heavy Equipment #24-05-0713
Group: Mowers: Remote Controlled Mower
Item Number: 1447

RoboMINI[®]

23HP

RoboMINI is a remote-controlled tool-carrier made to work on slopes up to 50° in all directions thanks to its low center of gravity and a special system that guarantees the correct engine lubrication.

The machine is equipped with a **23 HP gasoline engine**, tracks frames with oscillating system and a specific tracks profile that allows a perfect ground surface contact to climb over hill and mountain areas, embankments, cliffs, and in all those environments where the adherence is very low and a machine for high slopes is required.

The implements are mounted on a front hydraulic lifter which allows a quick-change system, making the work easier and multi-functional. For the implements there are always one high flow closed circuit hydraulic line and one double effect open circuit hydraulic line; all the lines are equipped with quick couplings





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Standard set up

ENGINE:

- BRIGGS&STRATTON Vanguard V-Twin, 4-stroke, naturally aspirated, gasoline, air-cooled engine
- Displacement 0.6 l
- Power 28HP kW @ 3600 rpm
- Direct injection
- Emissions class EPA Tier 4
- Special system that guarantees the correct engine lubrication up to 50° of inclination
- Reversible self-cleaning fan
- Dedicated radiator for engine oil cooling
- Electric ignition controlled by the remote control and push-on ignition in case of emergency

HYDRAULIC SYSTEM:

- Hydraulic system with Q8 HELLER46 mineral oil
- Dedicated radiator for hydraulic oil cooling
- High pressure anti-abrasion flexible hoses
- Flat-face quick couplings
- Pressurized hydraulic circuit and immersion filter inside the tank
- Traction of each track by orbital motor operated by a dedicated closed circuit piston pump
- Automatic mechanical negative brake when the engine is OFF
- Gear pump in open circuit and multi-section electro-hydraulic distributor for services and to operate the implement (P+T+D)
- Floating system of the lifter controlled by an electrohydraulic distributor

FRAME:

- Steel mono-shell supporting structure
- N. 4 hooks for lifting the machine on the frame
- Transmission drive wheels with hardening heat treatment
- Rear idle wheels with hardening heat treatment
- Tracked undercarriage with 4 sliding rollers and upper and lower track guiding bars
- Screw operated track tensioner equipped with safety spring
- Machine body hoods in painted steel
- Rear radiator protection grid in painted steel and quick opening
- Mechanical quick coupling for the tool on the front lifter
- 4 gal painted steel petrol tank
- 4 gal painted steel hydraulic oil tank



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SYSTEM & REMOTE COMMANDS:

- AUTEK radio control with a range of 500 ft working with FHSS technology
- N. 2 remote control batteries
- Remote control battery charger with lighter socket (10-30 V DC)
- Emergency button on remote control with immediate stop of the machine active functions
- Advancement controlled through single axis proportional joystick
- Steering controlled through single axis proportional joystick
- Potentiometer for controlling the maximum advancement speed (variable from 0 to 100%)
- Potentiometer for the correction of the trajectory and reduction of the drift in advancement
- High flow hydraulic output controlled through on/off lever
- Lifter height controlled through on/off lever
- Two-way selector for selecting the lifter operating mode (standard/floating)
- Double-effect hydraulic output controlled through on/off lever
- Semi-rigid carrying case for remote control and accessories supplied with the machine

Build Part Numbers:

E01600000030	RoboMINI with Super rubber tracks
ENG20101000016	Mineral hydraulic oil
ENGOKT01000049	Orange Paint (STD)

Base Price \$ 36,875.80

Shipping & handling is not included in the base price and will be calculated separately.
Base price already includes the 10% Discount off of MSRP