

Energreen America Build Spec  
Remote Controlled Mower

RoboMax  
L – 77" W – 51" H – 40"

Standard equipment: SPEC# 220

**THERMAL ENGINE:**

- Diesel engine with emission regime in compliance with directive 97/68/EC - Stage V – Tier 4-cylinder YANMAR, 3.3 l, power up to 80 CV.
- Guaranteed lubrication system for the engine components up to a 55° slope in all directions.
- Self-cleaning reversible fan (FLEXXAIRE), hydraulically driven.
- Radiator with enhanced cooling.
- Control of the coolant liquid temperature.

**HYDRAULIC SYSTEM:**

- Hydraulic system using Q8 HELLER 46 mineral oil
- Negative emergency brake hydraulically actuated.
- Crawler unit with direct independent drive.
- Hydraulic traction of crawler provided by 2 piston pumps in closed circuit and 2 motor reducers.
- Hydraulic transmission with two forward speeds
- Gear pump drives the machine services.
- Piston pump in closed circuit drives the equipment.
- Multi-section electro-hydraulic distributor.
- Independent cooling circuit.
- Flexible high-pressure anti-abrasion piping.

**CHASSIS:**

- Mono-block supporting structure in steel.
- N°4 hooks for machine lifting.
- Professional crawler vehicle with 12 lower rolls + 4 upper rolls.
- Crawler track width of 1612 (steel chain) – 1662 (rubber belt)
- Crawler tensioner with grease pistons and safety mechanical spring.
- Front and rear sprockets with hardening thermal treatment.
- 57 l Diesel reservoir.
- 45 l Hydraulic oil reservoir
- Rubber belt crawler with agricultural profile, adapted to extreme slopes.

**SYSTEM & COMMANDS:**

- AUTECH radio-command with active range of 150 m.
- Command by proportional joystick for maximum speed control.
- Forward – backward speeds.
- Equipment movement command by means of on/off joystick.
- Electronic control of the pump and piston displacement capacity for the equipment.
- Potentiometer for advance speed control, variable from 0 to 100%.
- Potentiometer for correction of the advance direction (off-set).
- Command cable for emergency situations.  
Flashing Beacon Light

