

Energreen America Build Spec Remote Controlled Mower

RoboGreen Evo
L – 77" W – 50" H – 40"

Standard equipment: SPEC #221

HEAT ENGINE:

- 3-cylinder YANMAR 3TNV88 engine, normal aspiration.
- 1.6 l cylinder displacement, diesel, power up to 29 kW – 40 CV Stage IIIA – Tier 4i
- Engine torque 107.4 Nm,
- Guaranteed lubrication system for the engine components up to a 55° slope in all directions.
- Self-cleaning reversible fan.
- Radiator with enhanced cooling.
- Lateral air filter position and exhaust in symmetrically opposite position, everything needed for a reduced machine height and high stability in slopes
- Engine hood in painted steel
- Reinforced front hood in steel
- Rear steel roll-bar and radiator protection
- Steel hood to enclose the hydraulic pump compartment and the machine chassis
- Engine air filter protection
- Quick mechanical coupling on front elevator
- Simplified rear radiator hood (grating)

HYDRAULIC SYSTEM:

- Hydraulic system using Q8 HELLER46 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.
- Hydraulic transmission with two forward speeds (0÷3 km/h 0÷6.5 km/h).
- 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.
CEJN Hydraulic Quick Coupler

CHASSIS:

- Mono-block supporting structure in steel.
- N°4 hooks for machine lifting.
- Professional crawler vehicle with 10 rolls.
- Crawler track width of 1280 mm. (with std. 250 mm crawlers)
- Crawler tensioner with grease pistons and safety mechanical spring.
- Rear transmission sprocket with hardening thermal treatment.
- Plain front wheel with grease tensioner, with hardening thermal treatment.
- 21 l Diesel reservoir.
- 25 l Hydraulic oil reservoir.

SYSTEM & COMMANDS:

- AUTECH remote control with active range of 150 m, with weather protection and antishock case for remote control
- Command by proportional joystick for maximum speed control. Speeds forward – backward from 0 to 6.5 Km/h
- 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.
 - Emergency STOP button with auto-reset of the active functions.
- Flashing Beacon light