



**ENERGREEN**<sup>®</sup> *America*  
Professional Machines



REMOTE CONTROLLED  
TOOL CARRIER

# MSRP 2024

MSRP 2024 - N° 2 - REV. 00  
(In force on January 1, 2024)



# REMOTE CONTROLLED TOOL CARRIER



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**ENERGREEN**<sup>®</sup> *America*  
Professional Machines 

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ATTENTION: THE CODES IN THE PRICE LIST MAY VARY ON THE ORDER  
CONFIRMATIONS BASED ON THE INDIVIDUAL MACHINE SETUP

55 SLOPE



**RoboEVO**  
40HP



EUSDP000R100 - N. 2 - 01/01/2024 - The company reserves the right to make changes to the product presented in this catalogue at any time and without prior notice.



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# RoboEVO<sup>40HP</sup>

REMOTE-CONTROLLED  
TOOL CARRIER



MSRP 2024 - N° 2 - REV. 00  
(In force from January 1, 2024)

## RoboEVO<sup>40HP</sup>

**RoboEVO** is a remote-controlled tool-carrier made to work on slopes up to 55° in all directions thanks to its low center of gravity and a special engine oil sump.

The machine is equipped with a 40 HP Diesel engine, tracks with hydraulic tensioning 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. The front lifter is able to work in three different ways: standard, floating and suspended thanks to an hydraulic accumulator. For the implements there are always one high flow closed circuit hydraulic line and two double effect open circuit hydraulic lines; all the lines are equipped with quick couplings. Lifter and hydraulic connections allows the perfect match with all the previous and current equipments provided by Energreen.





## Standard set up:

### ENGINE:

- YANMAR 3TNV88C 3-cylinder, 4-stroke, naturally aspirated, diesel, liquid-cooled engine
- Displacement 0,4 gal
- Power 40 HP @ 3000 rpm
- Direct injection and electronic engine management via ECU
- Exhaust gas emission reduction system through EGR, DPF and without DEF (Ad-Blue)
- Emissions class EPA Tier 4f
- Modified engine oil sump to guarantee lubrication up to 55° of inclination
- Reversible self-cleaning fan
- Single reinforced two-section radiator for coolant and hydraulic oil
- Positioning of the air filter on the left side of the machine body with quick access for maintenance

### HYDRAULIC SYSTEM:

- Hydraulic system with Q8 HELLER46 mineral oil
- Dedicated oil cooling section into the machine radiator
- High pressure anti-abrasion flexible hoses
- Screw-on quick couplings
- Pressurized hydraulic circuit and immersion filter inside the tank
- Traction of each track by motor wheel operated by a dedicated closed circuit piston pump
- Double forward speed through hydraulic variation of the motor wheel displacement
- Hydraulically operated negative brake inside the motor wheel
- Gear pump in open circuit and multi-section electro-hydraulic distributor for services
- Closed circuit piston pump for the high flow output
- Hydraulic track tensioning with automatic pressure maintenance system
- Floating system of the lifter controlled by an electrohydraulic distributor
- Pneumohydraulic suspension system of the lifter obtained by means of a nitrogen accumulator

### FRAME:

- Steel monocoque supporting structure
- Double steel roll-bar integrated into the machine body
- N. 4 hooks for lifting the machine on the frame
- Transmission drive wheels with hardening heat treatment
- Front idle wheels with hardening heat treatment
- Tracked undercarriage with 6 sliding rollers and front and rear track guiding shoes
- Hydraulically operated track tensioner equipped with safety nitrogen accumulator
- Machine body hoods in painted steel
- Air filter protection in painted steel
- Rear radiator protection grille in painted steel and quick opening
- Mechanical quick coupling for the tool on the front lifter equipped with security lever
- 6,8 gal painted steel diesel tank
- 6,6 gal painted steel hydraulic oil tank



## Standard set up

### SYSTEM & COMMANDS:

- AUTECH radio control with a range of 492 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 and lifter management controlled through two-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
- Potentiometer for adjusting the flow of the high flow output
- Three-way selector for selecting the lifter operating mode (standard/floating/suspension)
- Double-effect hydraulic lines controlled through on/off control levers
- Armored carrying case for remote control and accessories supplied with the machine (weatherproof and shockproof)



## FIRST SET UP:



DESCRIPTION	PRICE
RoboEVO with rubber tracks (10" x 3" x 2")	<b>\$ 81,044.00</b>



DESCRIPTION	PRICE
RoboEVO with Super rubber tracks (11" x 3" x 2")	<b>\$ 81,367.00</b>



DESCRIPTION	PRICE
RoboEVO with studded tracks (10" x 3" x 2")	<b>\$ 82,398.00</b>



DESCRIPTION	PRICE
RoboEVO with studded tracks and spikes (10" x 3" x 2")	<b>\$ 84,289.00</b>

## RoboEVO VAARIO

**RoboEVO VAARIO** is a remote-controlled tool-carrier equipped with enlargable undercarriage made to work on slopes up to **55°** in all directions thanks to its low center of gravity and a special engine oil sump.

The machine is equipped with a **40 HP Diesel engine**, tracks with hydraulic tensioning 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. Each tracked undercarriage can be widened independently of the other, by means of a hydraulic drive controlled by the remote control, up to 11" (22" by widening both undercarriages) to increase safety in the most extreme places.

The implements are mounted on a front hydraulic lifter which allows a quick-change system, making the work easier and multifunctional. The front lifter is able to work in three different ways: standard, floating and suspended thanks to an hydraulic accumulator. For the implements there are always one high flow closed circuit hydraulic line and two double effect open circuit hydraulic lines; all the lines are equipped with quick couplings. Lifter and hydraulic connections allows the perfect match with all the previous and current equipments provided by Energreen.





**FIRST SET UP:**



DESCRIPTION	PRICE
RoboEVO VAARIO with rubber tracks (10" x 3" x 2")	<b>\$ 88,951.00</b>



DESCRIPTION	PRICE
RoboEVO VAARIO with Super rubber tracks (11" x 3" x 2")	<b>\$ 89,274.00</b>



DESCRIPTION	PRICE
RoboEVO VAARIO with studded tracks (10" x 3" x 2")	<b>\$ 90,304.00</b>



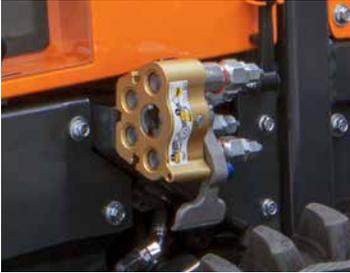
DESCRIPTION	PRICE
RoboEVO VAARIO with studded tracks and spikes (10" x 3" x 2")	<b>\$ 92,197.00</b>



## FIRST SET UP:



DESCRIPTION	PRICE
Screw hydraulic couplings (machine side)	STANDARD
RoboEVO Cod. ENG0KT01000737	
RoboEVO VAARIO Cod. ENG0KT01001051	



DESCRIPTION	PRICE
CEJN hydraulic couplings ** (machine side)	\$ 2,179.00
RoboEVO Cod. ENG0KT01000738	
RoboEVO VAARIO Cod. ENG0KT01001050	

\*\* To be added as difference



## FIRST SET UP:



DESCRIPTION	PRICE
Radio remote control EU DUAL BAND Cod. ENG71305000054	STANDARD
Radio remote control EU DUAL BAND RoboEVO VAARIO Cod. ENG71305000054	STANDARD



DESCRIPTION	PRICE
Radio remote control EU TILT SENSOR ** RoboEVO Cod. ENG71305000055	\$ 208.00
Radio remote control EU TILT SENSOR ** RoboEVO VAARIO Cod. ENG71305000055	

\*\* To be added as difference



Option on 1<sup>st</sup> set up:



DESCRIPTION	PRICE
Mineral hydraulic oil <b>Cod. ENG20101000018</b>	<b>STANDARD</b>



DESCRIPTION	PRICE
Paint STD Orange RAL 2011 Grey RAL 7021 <b>Cod. ENG0KT01000739</b>	<b>STANDARD</b>



DESCRIPTION	PRICE
Lower antenna <b>Not available for Japan and Russia</b> <b>Cod. ENG71305000064</b>	<b>\$ 438.00</b>



## Additional accessories:



DESCRIPTION	PRICE
Working light LED 13 Watt 1300 Lumen electrical wiring  <b>Cod. ENG0KT01000744</b>	<b>\$ 571.00</b>



DESCRIPTION	PRICE
LED flashing beacon 12 Volt with byonet connection  <b>Cod. ENG0KT01000735</b>	<b>\$ 292.00</b>



DESCRIPTION	PRICE
Radiator protection  <b>Cod. ENG00401000206</b>	<b>\$ 955.00</b>



DESCRIPTION	PRICE
12-pole emergency remote control  <b>Cod. ENG91323000003</b>	<b>\$ 517.00</b>



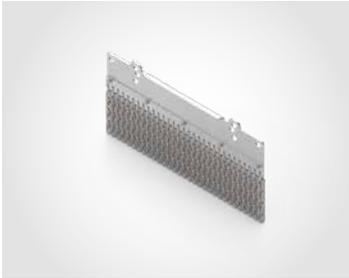
DESCRIPTION	PRICE
Kit two working lights  <b>Cod. ENG0KT01001085</b>	<b>\$ 642.00</b>



## Additional accessories:



DESCRIPTION	PRICE
<p>Tow hook To be applied to ballasts It's not possible to apply it with rear chain protection. Cannot be installed with rear winch.</p> <p><b>Cod. ENG0KT01000848</b></p>	<p><b>\$ 465.00</b></p>



DESCRIPTION	PRICE
<p>Rear chain protection that can be applied with or without ballast Cannot be installed with tow hook.</p> <p><b>Cod. ENG0KT01000849</b></p>	<p><b>\$ 924.00</b></p>



DESCRIPTION	PRICE
<p>Rear ballast Comp. 154 lbs</p> <p><b>Cod. ENG0KT01000675</b></p>	<p><b>\$ 1,215.00</b></p>



## Attachments:



### MULCHER HEAD 130



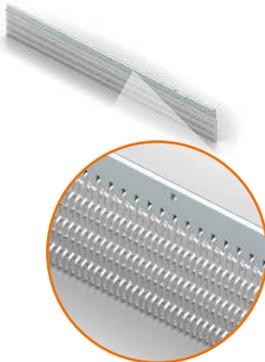
DESCRIPTION	PRICE
Head 130 CEJN COUPLINGS ROTOR NOT INCLUDED  <b>Cod. ENG0420000009</b>	<b>\$ 8,105.00</b>

DESCRIPTION	PRICE
Head 130 SCREW COUPLINGS ROTOR NOT INCLUDED  <b>Cod. ENG0420000010</b>	<b>\$ 6,477.00</b>

TECHNICAL DATA	
Cutting width	49 in
Pressure	4206 PSI
Oil flow	14.5 gal/min
Hydraulic motor	1.4 HP
Weight	440 lbs



**Attachments:**



DESCRIPTION	PRICE
<p>Rotor with Y flails</p> <p><b>Cod. E00901300100</b></p>	<p><b>\$ 1,721.00</b></p>
<p>HAMMER flails rotor (M)</p> <p><b>Cod.E00901300600</b></p>	<p><b>\$ 1,936.00</b></p>

DESCRIPTION	PRICE
<p>Front and rear set chain protections for mulcher head HEAD 130</p> <p><b>Cod. ENGOKT01000763</b></p>	<p><b>\$ 752.00</b></p>



**Attachments:**

**MULCHER HEAD 155**



DESCRIPTION	PRICE
Head 155 CEJN COUPLINGS ROTOR NOT INCLUDED  <b>Cod. ENG04201000156</b>	<b>\$ 12,471.00</b>

DESCRIPTION	PRICE
Head 155 SCREW COUPLINGS ROTOR NOT INCLUDED  <b>Cod.ENG04201000157</b>	<b>\$ 10,958.00</b>

TECHNICAL DATA	
Cutting width	60 in
Pressure	4206 PSI
Oil flow	14,5 gal/min
Hydraulic motor	1,4 HP
Weight	683 lbs



## Attachments:



DESCRIPTION	PRICE
Rotor with Y flails <b>Cod. ENG01301000232</b>	<b>\$ 2,693.00</b>



## Attachments:



REAR BALLAST SUGGESTED.  
COD. ENG0KT01000675  
(SEE PAGE 16)

### FORESTRY HEAD 130



DESCRIPTION	PRICE
FORESTRY 130  <b>CEJN COUPLINGS</b> <b>ROTOR NOT INCLUDED</b>  <b>Cod. ENG04200000013</b>	<b>\$ 12,471.00</b>

DESCRIPTION	PRICE
FORESTRY 130  <b>SCREW COUPLINGS</b> <b>ROTOR NOT INCLUDED</b>  <b>Cod. ENG04200000014</b>	<b>\$ 9,432.00</b>

TECHNICAL DATA	FIXED TEETH	ROTARY HAMMERS
Cutting width	46 in	51 in
Pressure	4206 PSI	4206 PSI
Oil flow	14.5 gal/min	14.5 gal/min
Hydraulic motor	1.5 HP	1.5 HP
Weight	860 lbs	783 lbs



## Attachments:



DESCRIPTION	PRICE
Rotor with fixed teeth <b>Cod. ENG01301000152</b>	<b>\$ 6,735.00</b>



DESCRIPTION	PRICE
Rotor with rotary hammers <b>Cod. ENG01301000153</b>	<b>\$ 4,980.00</b>



DESCRIPTION	PRICE
Pushing frame for Forestry 130 <b>Cod. E00901302000</b>	<b>\$ 795.00</b>



## Attachments:



### ROTARY MOWER



DESCRIPTION	PRICE
Rotary mower <b>CEJN COUPLINGS</b>  <b>Cod. ENG0420000021</b>	<b>\$ 10,057.00</b>

DESCRIPTION	PRICE
Rotary mower <b>SCREW COUPLINGS</b>  <b>Cod. ENG0420000022</b>	<b>\$ 8,465.00</b>

TECHNICAL DATA	
Cutting width	59 in
Cutting height	0,3 / 2,8 in
No. knives	3
Pressure	4206 PSI
Hydraulic motor	1,4 HP
Weight	463 lbs



## Attachments:



### SWEEPER



DESCRIPTION	PRICE
Sweeper with PVC synthetic bristles <b>CEJN COUPLINGS</b>  <b>Cod. ENG0420000023</b>	<b>\$ 8,416.00</b>
Sweeper with PVC synthetic bristles <b>SCREW COUPLINGS</b>  <b>Cod. ENG0420000024</b>	<b>\$ 6,826.00</b>

TECHNICAL DATA	
Width	59 in
Height	20 in
Depth	40 in
Width at 0°	55 in
Width at 20°	52 in
Brush diameter	16 in
Oscillation	+/- 20°
Wheel rotation	700 rpm
Hydraulic motor	5.3 HP
Weight	330 lbs



## Attachments:



BUCKET APPLICABLE ON SWEEPER,  
ONLY AVAILABLE ON FIRST SET UP.

DESCRIPTION	PRICE
Front collector for sweeper CEJN COUPLINGS  Cod. ENG0KT01000200	\$ 1,941.00
Front collector for sweeper SCREW COUPLINGS  Cod. ENG0KT01001069	



**Attachments:**



**TRENCHER**



DESCRIPTION	PRICE
Trencher <b>CEJN COUPLINGS</b>  Cod. ENG03801000185	<b>\$ 18,781.00</b>

DESCRIPTION	PRICE
Trencher <b>SCREW COUPLINGS</b>  Cod. ENG03801000184	<b>\$ 17,188.00</b>

TECHNICAL DATA	
Length	83 in
Width	34 in
Height	27.5 in
Power	30 HP
Digging Depth	39 in
Digging Width	5/6/8 in
Pressure	3480 PSI
Weight	573 lbs
Standard teeth: Tiller tools with silicon coating for smooth grounds (no rocks)	



## Attachments:



REAR BALLAST SUGGESTED.  
COD. ENG0KT01000675  
(SEE PAGE 28)



## SPRAYER



DESCRIPTION	PRICE
Sprayer <b>CEJN COUPLINGS</b> Cod. ENG0420000029	\$ 14,768.00
Sprayer with weeding bar <b>CEJN COUPLINGS</b> Cod. ENG0420000061	\$ 16,935.00

DESCRIPTION	PRICE
Sprayer <b>SCREW COUPLINGS</b> Cod. ENG0420000030	\$ 13,174.00
Sprayer with weeding bar <b>SCREW COUPLINGS</b> Cod. ENG0420000062	\$ 15,344.00

TECHNICAL DATA	
Capacity	53 gal
Fan diameter	22 in
Power	13 HP
Flow	18 gal/min
Air volume	10 in <sup>3</sup> /h
Peso - Weight	838 lbs



## Attachments:



### STUMP GRINDER

DESCRIPTION	PRICE
Stump grinder CEJN COUPLINGS  Cod. ENG0420000091	\$ 13,544.00

DESCRIPTION	PRICE
Stump grinder SCREW COUPLINGS  Cod. ENG0420000092	\$ 11,955.00

TECHNICAL DATA	
Wheel diameter	16 in
Wheel rotation	2000 rpm
N° teeth	16
Pressure	4206 PSI
Oil flow	14,5 gal/min
Weight	265 lbs



## Attachments:



### WOOD CHIPPER



DESCRIPTION	PRICE
Wood chipper <b>CEJN COUPLINGS</b>  <b>Cod. ENG04200000031</b>	<b>\$ 17,930.00</b>

DESCRIPTION	PRICE
Wood chipper <b>SCREW COUPLINGS</b>  <b>Cod. ENG04200000032</b>	<b>\$ 16,416.00</b>

TECHNICAL DATA	
Max. cross-section	3,5 in
Output	247 ft <sup>3</sup> /h
Hopper opening	15,7 x 27,5 in
Hydraulic motor	1.4 HP
Power	27 HP
Weight	474 lbs



## Attachments:



REAR BALLAST SUGGESTED.  
COD. ENG0KT01000675  
(SEE PAGE 16)

### HIGH TIPPING BUCKET



DESCRIPTION	PRICE
High tipping bucket <b>CEJN COUPLINGS</b>  Cod. ENG04200000033	<b>\$ 6,187.00</b>

DESCRIPTION	PRICE
High tipping bucket <b>SCREW COUPLINGS</b>  Cod. ENG04200000034	<b>\$ 4,596.00</b>

TECHNICAL DATA	
Working width	51 in
Max. tipping height	26 in
Loading capacity	661 lbs
Bucket volume	7 ft <sup>3</sup>
Pressure	2610 PSI
Weight	551 lbs



## Attachments:



REAR BALLAST SUGGESTED.  
COD. ENG0KT01000675  
(SEE PAGE 16)

### GRAPPLE BUCKET



DESCRIPTION	PRICE
Grapple bucket <b>CEJN COUPLINGS</b>  Cod. ENG0420000020	<b>\$ 7,053.00</b>

DESCRIPTION	PRICE
Grapple bucket <b>SCREW COUPLINGS</b>  Cod. ENG0420000035	<b>\$ 5,459.00</b>

TECHNICAL DATA	
Working width	52 in
Max. tipping height	24 in
Loading capacity	661 lbs
Bucket volume	5,3 ft <sup>3</sup>
Pressure	2610 PSI
Weight	551 lbs



## Equipments:



REAR BALLAST SUGGESTED.  
COD. ENG0KT01000675  
(SEE PAGE 16)

### SNOW BLOWER



DESCRIPTION	PRICE
Snow blower <b>CEJN COUPLINGS</b>  Cod. ENG04200000036	<b>\$ 18,163.00</b>

DESCRIPTION	PRICE
Snow blower <b>SCREW COUPLINGS</b>  Cod. ENG04200000037	<b>\$ 16,569.00</b>



DESCRIPTION	PRICE
Adjustable hydraulic chute  Cod. ENG10733000002	<b>\$ 1,714.00</b>

TECHNICAL DATA	
Working width	55 in
Tiller diameter	16 in
Hydraulic motor	4 HP - 3626 PSI
Chute rotation	+/- 100°
Weight	617 lbs



## Attachments:



### SNOW BLADE



DESCRIPTION	PRICE
Snow blade with PVC knife <b>CEJN COUPLINGS</b>  <b>Cod. ENG04200000038</b>	<b>\$ 5,996.00</b>
Snow blade with PVC knife <b>SCREW COUPLINGS</b>  <b>Cod. ENG04200000039</b>	<b>\$ 4,403.00</b>

TECHNICAL DATA	
Blade width	67 in
Blade Height	23 in
Blade material	PVC
Inclination degree	20°
Oscillation degree	+/- 13°
Weight	271 lbs



**Attachments:**



**SNOW BLADE**



DESCRIPTION	PRICE
Snow blade with steel knife <b>CEJN COUPLINGS</b>  <b>Cod. ENG0420000053</b>	<b>\$ 6,473.00</b>
Snow blade with steel knife <b>SCREW COUPLINGS</b>  <b>Cod. ENG0420000054</b>	<b>\$ 4,879.00</b>

TECHNICAL DATA	
Blade width	67 in
Blade height	23 in
Blade material	Steel
Inclination degree	20°
Oscillation degree	+/- 13°
Weight	271 lbs



## Attachments:

### LEVELLING BLADE



DESCRIPTION	PRICE
Levelling Blade <b>CEJN COUPLINGS</b>  Cod. ENG0420000040	<b>\$ 6,143.00</b>

DESCRIPTION	PRICE
Levelling Blade <b>SCREW COUPLINGS</b>  Cod. ENG0420000041	<b>\$ 4,549.00</b>

TECHNICAL DATA	
Blade width	67 in
Blade height	16 in
Blade material	Steel
Inclination degree	+/- 20°
Oscillation degree	+/- 13°
Weight	308 lbs



## Attachments:



### PALLET FORKS



REAR BALLAST SUGGESTED.  
COD. ENGOKT01000675  
(SEE PAGE 16)

DESCRIPTION	PRICE
Pallet Forks with standard attachment  <b>Cod. E00903801600</b>	<b>\$ 1,497.00</b>

TECHNICAL DATA	
Max width forks	35 in
Forks lenght	31 in
Forks class	1-ISO 2328
Loading capacity	660 lbs
Weight	176 lbs



## Attachments:



### ROTARY TILLER



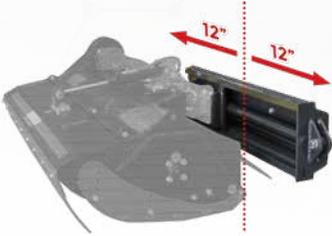
DESCRIPTION	PRICE
Rotary tiller <b>CEJN COUPLINGS</b>  Cod. ENG04200000044	<b>\$ 13,160.00</b>

DESCRIPTION	PRICE
Rotary tiller <b>SCREW COUPLINGS</b>  Cod. ENG04200000045	<b>\$ 11,570.00</b>

TECHNICAL DATA	
Working width	57 in
Max. lenght	63 in
Max. working depth	6 in
No. of tools	28
Power	22 HP
Weight	386 lbs



## Attachments:



WORKS ONLY WITH  
MULCHER HEAD 130

### SIDE SHIFT

DESCRIPTION	PRICE
SIDE SHIFT <b>CEJN COUPLINGS</b>  <b>Cod. ENG0420000051</b>	<b>\$ 5,178.00</b>
SIDE SHIFT <b>SCREW COUPLINGS</b>  <b>Cod. ENG0420000052</b>	<b>\$ 3,587.00</b>

TECHNICAL DATA	
Left shift	12 in
Right shift	12 in
Width	35 in
Height	20 in
Weight	148 lbs



**Attachments:**



**TRIMMY**



DESCRIPTION	PRICE
Trimmy <b>CEJN COUPLINGS</b> <b>Cod. ENG03800000034</b>	<b>\$ 16,770.00</b>
Trimmy <b>SCREW COUPLINGS</b> <b>Cod. ENG03800000033</b>	<b>\$ 14,395.00</b>

DATI TECNICI	
Maximum height	177 in
Maximum length	138 in
Oil flow rate	8 gal/min
Oil pressure	2320 PSI
Weigh	474 lbs



## Attachments:



### TRIMMY TOOLS

DESCRIPTION	PRICE
Cutting Head GARDEN 800 <b>Cod. ENG10723000022</b>	<b>\$ 5,398.00</b>

TECHNICAL DATA	
Cutting Width	31 in
Rotation	190°
Rotation speed	2800 rpm
N° knives	32
Weight	227 lbs



DESCRIPTION	PRICE
Saw bar <b>Cod. ENG03801000136</b>	<b>\$ 7,340.00</b>



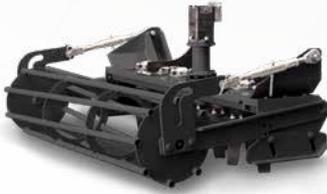
DESCRIPTION	PRICE
Hedge Trimmer <b>Cod. ENG03801000141</b>	<b>\$ 5,867.00</b>



DESCRIPTION	PRICE
Brush <b>Cod. ENG03801000133</b>	<b>\$ 5,987.00</b>



## Attachments:



### ROTARY HARROW

DESCRIPTION	PRICE
Rotary Harrow <b>CEJN COUPLINGS</b>  <b>Cod. ENG04200000019</b>	<b>\$ 20,640.00</b>

DESCRIPTION	PRICE
Rotary Harrow <b>SCREW COUPLINGS</b>  <b>Cod. ENG04200000046</b>	<b>\$ 18,935.00</b>

TECHNICAL DATA	
Working width	59 in
Max working depth	7 in
No. of tools	14
No. of rotator	7
Power	32 HP
Weight	551 lbs



## Attachments:



### REAR WINCH

DESCRIPTION	PRICE
Rear winch <b>Cod. ENG0KT01000859</b>	<b>\$ 8,847.00</b>

TECHNICAL DATA	
Pulling force	3086 lbs
Hydraulic flow	3,7 gal/min.
Drum rope length	105 ft
Rope diameter	0,3 in
Towing pressure	2610 PSI
Weight (with support)	330 lbs

55 SLOPE



**Robo** **FIFTI** **RS**  
50HP



EUSDP000R100 - N. 2 - 01/01/2024 - The company reserves the right to make changes to the product presented in this catalogue at any time and without prior notice.



**ENERGREEN**<sup>®</sup> *America*  
Professional Machines



# RoboFIFTI<sup>RS</sup> 50HP

REMOTE-CONTROLLED  
TOOL CARRIER



MSRP 2024 - N° 2 - REV. 00  
(In force from January 1, 2024)

## RoboFIFTI<sup>RS</sup><sub>50HP</sub>

**RoboFIFTI RS** is a remote-controlled tool-carrier made to work on slopes up to **55°** in all directions thanks to its low center of gravity and a special engine oil sump.

The machine is equipped with a **50 HP Diesel engine**, tracks with hydraulic tensioning system and a specific track profile for 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 multifunctional. The front lifter is able to work in three different ways: standard, floating and suspended thanks to a hydraulic accumulator. For the implements there are always one high flow closed circuit hydraulic line and two double effect open circuit hydraulic lines; all the lines are equipped with quick couplings. Lifter and hydraulic connections allow the perfect match with all the previous and current attachments provided by Energreen.





## Standard set up:

### ENGINE:

- PERKINS 403J 3-cylinder, 4-stroke, turbocharged, diesel, liquid-cooled engine.
- Displacement 1663 cc.
- Power 50 HP @ 2800 rpm.
- Direct injection and electronic engine management via ECU.
- Exhaust gas emission reduction system through EGR, DPF and without DEF (Ad-Blue).
- Emissions class Tier5.
- Modified engine oil sump to guarantee lubrication up to 55° of inclination.
- Reversible self-cleaning fan.
- Single reinforced two-section radiator for coolant and hydraulic oil.
- Positioning of the air filter on the left side of the machine body with quick access for maintenance.

### HYDRAULIC SYSTEM:

- Hydraulic system with Q8 HELLER46 mineral oil.
- Dedicated oil cooling section into the machine radiator.
- High pressure anti-abrasion flexible hoses.
- Screw-on quick couplings.
- Pressurized hydraulic circuit and immersion filter inside the tank.
- Traction of each track by motor wheel operated by a dedicated closed circuit piston pump.
- Double forward speed through hydraulic variation of the motor wheel displacement.
- Hydraulically operated negative brake inside the motor wheel.
- Gear pump in open circuit and multi-section electro-hydraulic distributor for services.
- Closed circuit piston pump for the high flow output.
- Hydraulic track tensioning with automatic pressure maintenance system.
- Floating system of the lifter controlled by an electrohydraulic distributor.
- Pneumohydraulic suspension system of the lifter obtained by means of a nitrogen accumulator.

### FRAME:

- Steel monocoque supporting structure.
- Double steel roll-bar integrated into the machine body.
- N. 4 hooks for lifting the machine on the frame.
- Transmission drive wheels with hardening heat treatment.
- Front idle wheels with hardening heat treatment.
- Tracked undercarriage with 6 sliding rollers and front and rear track guiding shoes.
- Hydraulically operated track tensioner equipped with safety nitrogen accumulator.
- Machine body hoods in painted steel.
- Air filter protection in painted steel.
- Rear radiator protection grille in painted steel and quick opening.
- Mechanical quick coupling for the tool on the front lifter equipped with security lever.
- 6,8 gal painted steel diesel tank.
- 6,6 gal painted steel hydraulic oil tank.

## Standard set up

### SYSTEM & COMMANDS:

- AUTECH radio control with a range of 492 ft working with FHSS technology.
- N. 2 remote control lithium 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 and lifter management controlled through two-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.
- Potentiometer for adjusting the flow of the high flow output.
- Three-way selector for selecting the lifter operating mode (standard/floating/suspension).
- Double-effect hydraulic lines controlled through on/off control levers.
- Armored carrying case for remote control and accessories supplied with the machine (weatherproof and shockproof).



## FIRST SET UP



DESCRIPTION	PRICE
RoboFIFTI with rubber tracks (10" x 3" x 2")	<b>\$ 95,144.00</b>



DESCRIPTION	PRICE
RoboFIFTI with Super rubber tracks (11" x 3" x 2")	<b>\$ 95,437.00</b>



DESCRIPTION	PRICE
RoboFIFTI with studded tracks (10" x 3" x 2")	<b>\$ 96,466.00</b>



DESCRIPTION	PRICE
RoboFIFTI with studded tracks and spikes (10" x 3" x 2")	<b>\$ 98,359.00</b>



## FIRST SET UP:



DESCRIPTION	PRICE
Screw hydraulic couplings <b>Cod. ENG0KT01001097</b>	<b>STANDARD</b>



DESCRIPTION	PRICE
CEJN hydraulic couplings <b>Cod. ENG0KT01001098</b>	<b>\$ 2,179.00</b>



DESCRIPTION	PRICE
Radio remote control EU DUAL BAND <b>Cod. ENG71305000054</b>	<b>STANDARD</b>



DESCRIPTION	PRICE
Radio remote control EU TILT SENSOR ** <b>Cod. ENG71305000055</b>	<b>\$ 208.00</b>

\*\* To be added as difference



Option on 1<sup>st</sup> set up:



DESCRIPTION	PRICE
Mineral hydraulic oil <b>Cod.ENG20101000018</b>	<b>STANDARD</b>



DESCRIPTION	PRICE
Paint STD Orange RAL 2011 Grey RAL 7021 <b>Cod. ENG0KT01000739</b>	<b>STANDARD</b>



DESCRIPTION	PRICE
Lower antenna <b>Not available for Japan and Russia</b> <b>Cod. ENG71305000064</b>	<b>\$ 438.00</b>



**Additional accessories:**



DESCRIPTION	PRICE
Working light LED 13 Watt 1300 Lumen electrical wiring  <b>Cod. ENG0KT01000744</b>	<b>\$ 571.00</b>



DESCRIPTION	PRICE
LED flashing beacon 12 Volt with byonet connection  <b>Cod. ENG0KT01000735</b>	<b>\$ 292.00</b>



DESCRIPTION	PRICE
Radiator protection  <b>Cod. ENG00401000311</b>	<b>\$ 955.00</b>



DESCRIPTION	PRICE
12-pole emergency remote control  <b>Cod. ENG91323000003</b>	<b>\$ 517.00</b>



DESCRIPTION	PRICE
Kit two working lights  <b>Cod. ENG0KT01001085</b>	<b>\$ 642.00</b>



## Additional accessories:



DESCRIPTION	PRICE
Extra ballast (2 pieces) <b>Cod. ENG00101000367</b>	<b>\$ 636.00</b>



DESCRIPTION	PRICE
Tow hook <b>Cod. ENG0KT01000848</b>	<b>\$ 465.00</b>



## Attachments:

### MULCHER HEAD 130



DESCRIPTION	PRICE
Head 130 CEJN COUPLINGS ROTOR NOT INCLUDED  <b>Cod. ENG0420000009</b>	<b>\$ 8,105.00</b>

DESCRIPTION	PRICE
Head 130 SCREW COUPLINGS ROTOR NOT INCLUDED  <b>Cod. ENG04200000010</b>	<b>\$ 6,477.00</b>

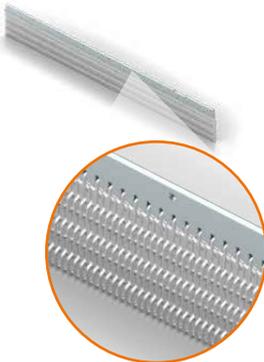
TECHNICAL DATA	
Cutting width	49 in
Pressure	4424 PSI
Oil flow	14.5 gal/min
Hydraulic motor	1.4 HP
Weight	440 lbs



## Attachments:



DESCRIPTION	PRICE
Rotor with Y flails <b>Cod. E00901300100</b>	<b>\$ 1,721.00</b>
HAMMER flails rotor (M) <b>Cod.E00901300600</b>	<b>\$ 1,936.00</b>



DESCRIPTION	PRICE
Front and rear set chain protections for mulcher head HEAD 130 <b>Cod. ENGOKT01000763</b>	<b>\$ 752.00</b>



**Attachments:**

**MULCHER HEAD 155**



DESCRIPTION	PRICE
Head 155 CEJN COUPLINGS ROTOR NOT INCLUDED  <b>Cod. ENG04201000156</b>	<b>\$ 12,471.00</b>

DESCRIPTION	PRICE
Head 155 SCREW COUPLINGS ROTOR NOT INCLUDED  <b>Cod. ENG04201000157</b>	<b>\$ 10,958.00</b>

TECHNICAL DATA	
Cutting width	60 in
Pressure	4424 PSI
Oil flow	14,5 gal/min
Hydraulic motor	1,4 HP
Weight	683 lbs



## Equipments:



DESCRIPTION	PRICE
Rotor with Y flails <b>Cod. ENG01301000232</b>	<b>\$ 2,693.00</b>



## Attachments:



### FORESTRY HEAD 130



DESCRIPTION	PRICE
Forestry 130 CEJN COUPLINGS ROTOR NOT INCLUDED <b>Cod. ENG04200000013</b>	<b>\$ 10,713.00</b>

DESCRIPTION	PRICE
Forestry 130 SCREW COUPLINGS ROTOR NOT INCLUDED <b>Cod. ENG04200000014</b>	<b>\$ 9,432.00</b>

TECHNICAL DATA	FIXED TEETH	ROTARY HAMMERS
Cutting width	46 in	51 in
Pressure	4424 PSI	4424 PSI
Oil flow	14.5 gal/min	14.5 gal/min
Hydraulic motor	1.5 HP	1.5 HP
Weight	860 lbs	783 lbs



## Attachments:



DESCRIPTION	PRICE
Rotor with fixed teeth <b>Cod. ENG01301000152</b>	<b>\$ 6,735.00</b>



DESCRIPTION	PRICE
Rotor with rotary hammers <b>Cod. ENG01301000153</b>	<b>\$ 4,980.00</b>



DESCRIPTION	PRICE
Pushing frame Forestry 130 <b>Cod. E00901302000</b>	<b>\$ 795.00</b>



**Attachments:**



**ROTARY MOWER**



DESCRIPTION	PRICE
Rotary mower <b>CEJN COUPLINGS</b>  Cod. ENG0420000021	<b>\$ 10,057.00</b>

DESCRIPTION	PRICE
Rotary mower <b>SCREW COUPLINGS</b>  Cod. ENG0420000022	<b>\$ 8,465.00</b>

TECHNICAL DATA	
Cutting width	59 in
Cutting height	0,3 / 2,8 in
No. knives	3
Pressure	4424 PSI
Hydraulic motor	1,4 HP
Weight	463 lbs



**Attachments:**



**SWEeper**



DESCRIPTION	PRICE
Sweeper with PVC synthetic bristles <b>CEJN COUPLINGS</b> <b>Cod. ENG0420000023</b>	<b>\$ 8,416.00</b>
Sweeper with PVC synthetic bristles <b>SCREW COUPLINGS</b> <b>Cod. ENG0420000024</b>	<b>\$ 6,826.00</b>

TECHNICAL DATA	
Width	59 in
Height	20 in
Depth	40 in
Width at 0°	55 in
Width at 20°	52 in
Brush diameter	16 in
Oscillation	+/- 20°
Wheel rotation	700 rpm
Hydraulic motor	5.3 HP
Weight	330 lbs



## Attachments:



**ONLY AVAILABLE  
ON FIRST SET UP.**

DESCRIPTION	PRICE
Front collector for sweeper <b>CEJN COUPLINGS</b>  <b>Cod. ENG0KT01000200</b>	<b>\$ 1,941.00</b>
Front collector for sweeper <b>SCREW COUPLINGS</b>  <b>Cod. ENG0KT01001069</b>	



**Attachments:**



**TRENCHER**



DESCRIPTION	PRICE
Trencher <b>CEJN COUPLINGS</b>  Cod. ENG03801000185	<b>\$ 18,781.00</b>

DESCRIPTION	PRICE
Trencher <b>SCREW COUPLINGS</b>  Cod. ENG03801000184	<b>\$ 17,188.00</b>

TECHNICAL DATA	
Length	83 in
Width	34 in
Height	27.5 in
Power	30 HP
Digging Depth	39 in
Digging Width	5/6/8 in
Pressure	3480 PSI
Weight	573 lbs
Standard teeth: Tiller tools with silicon coating for smooth grounds (no rocks)	



## Attachments:



REAR BALLAST SUGGESTED.  
COD. **ENG00101000367**  
(SEE PAGE 52)



## SPRAYER



DESCRIPTION	PRICE
Sprayer <b>CEJN COUPLINGS</b>  Cod. <b>ENG0420000029</b>	<b>\$ 14,768.00</b>
Sprayer with weeding bar <b>CEJN COUPLINGS</b>  Cod. <b>ENG0420000061</b>	<b>\$ 16,935.00</b>

DESCRIPTION	PRICE
Sprayer <b>SCREW COUPLINGS</b>  Cod. <b>ENG0420000030</b>	<b>\$ 13,174.00</b>
Sprayer with weeding bar <b>SCREW COUPLINGS</b>  Cod. <b>ENG0420000062</b>	<b>\$ 15,344.00</b>

TECHNICAL DATA	
Capacity	53 gal
Fan diameter	22 in
Power	13 HP
Flow	18 gal/min
Air volume	10 in <sup>3</sup> /h
Peso - Weight	838 lbs



## Attachments:



### STUMP GRINDER

DESCRIPTION	PRICE
Stump grinder <b>CEJN COUPLINGS</b>  Cod. ENG0420000091	<b>\$ 13,544.00</b>

DESCRIPTION	PRICE
Stump grinder <b>SCREW COUPLINGS</b>  Cod. ENG0420000092	<b>\$ 11,955.00</b>

TECHNICAL DATA	
Wheel diameter	16 in
Wheel rotation	2000 rpm
N° teeth	16
Pressure	4206 PSI
Oil flow	14,5 gal/min
Weight	265 lbs



**Attachments:**



**WOOD CHIPPER**



DESCRIPTION	PRICE
Wood chipper <b>CEJN COUPLINGS</b>  <b>Cod. ENG04200000031</b>	<b>\$ 17,930.00</b>

DESCRIPTION	PRICE
Wood chipper <b>SCREW COUPLINGS</b>  <b>Cod. ENG04200000032</b>	<b>\$ 16,416.00</b>

TECHNICAL DATA	
Max. cross-section	3,5 in
Output	247 ft <sup>3</sup> /h
Hopper opening	15,7 x 27,5 in
Hydraulic motor	1.4 HP
Power	27 HP
Weight	474 lbs



## Attachments:



### HIGH TIPPING BUCKET



REAR BALLAST SUGGESTED.  
COD. **ENG00101000367**  
(SEE PAGE 52)

DESCRIPTION	PRICE
High tipping bucket <b>CEJN COUPLINGS</b>  Cod. <b>ENG04200000033</b>	<b>\$ 6,187.00</b>

DESCRIPTION	PRICE
High tipping bucket <b>SCREW COUPLINGS</b>  Cod. <b>ENG04200000034</b>	<b>\$ 4,596.00</b>



## Attachments:



REAR BALLAST SUGGESTED.  
COD. **ENG00101000367**  
(SEE PAGE 52)

### GRAPPLE BUCKET



DESCRIPTION	PRICE
Grapple bucket <b>CEJN COUPLINGS</b>  Cod. <b>ENG04200000020</b>	<b>\$ 7,053.00</b>

DESCRIPTION	PRICE
Grapple bucket <b>SCREW COUPLINGS</b>  Cod. <b>ENG04200000035</b>	<b>\$ 5,459.00</b>

TECHNICAL DATA	
Working width	52 in
Max. tipping height	24 in
Loading capacity	661 lbs
Bucket volume	5,3 ft <sup>3</sup>
Pressure	2610 PSI
Weight	551 lbs



**Attachments:**



REAR BALLAST SUGGESTED.  
COD. **ENG00101000367**  
(SEE PAGE 52)

**SNOW BLOWER**



DESCRIPTION	PRICE
Snow blower <b>CEJN COUPLINGS</b>  Cod. <b>ENG04200000036</b>	<b>\$ 18,163.00</b>

DESCRIPTION	PRICE
Snow blower <b>SCREW COUPLINGS</b>  Cod. <b>ENG04200000037</b>	<b>\$ 16,569.00</b>



DESCRIPTION	PRICE
Adjustable hydraulic chute  Cod. <b>ENG10733000002</b>	<b>\$ 1,714.00</b>

TECHNICAL DATA	
Working width	55 in
Tiller diameter	16 in
Hydraulic motor	4 HP - 3626 PSI
Chute rotation	+/- 100°
Weight	617 lbs



## Attachments:



### SNOW BLADE



DESCRIPTION	PRICE
Snow blade with PVC knife <b>CEJN COUPLINGS</b>  <b>Cod. ENG04200000038</b>	<b>\$ 5,996.00</b>
Snow blade with PVC knife <b>SCREW COUPLINGS</b>  <b>Cod. ENG04200000039</b>	<b>\$ 4,403.00</b>

TECHNICAL DATA	
Blade width	67 in
Blade Height	23 in
Blade material	PVC
Inclination degree	20°
Oscillation degree	+/- 13°
Weight	271 lbs



## Attachments:



### SNOW BLADE



DESCRIPTION	PRICE
Snow blade with steel knife <b>CEJN COUPLINGS</b> <b>Cod. ENG0420000053</b>	<b>\$ 6,473.00</b>
Snow blade with steel knife <b>SCREW COUPLINGS</b> <b>Cod. ENG0420000054</b>	<b>\$ 4,879.00</b>

TECHNICAL DATA	
Blade width	67 in
Blade height	23 in
Blade material	Steel
Inclination degree	20°
Oscillation degree	+/- 13°
Weight	271 lbs



## Attachments:

### LEVELLING BLADE



DESCRIPTION	PRICE
Levelling Blade <b>CEJN COUPLINGS</b>  <b>Cod. ENG0420000040</b>	<b>\$ 6,143.00</b>

DESCRIPTION	PRICE
Levelling Blade <b>SCREW COUPLINGS</b>  <b>Cod. ENG0420000041</b>	<b>\$ 4,549.00</b>

TECHNICAL DATA	
Blade width	67 in
Blade height	16 in
Blade material	Steel
Inclination degree	+/- 20°
Oscillation degree	+/- 13°
Weight	308 lbs



## Attachments:



### PALLET FORKS



REAR BALLAST SUGGESTED.  
COD. **ENG00101000367**  
(SEE PAGE 52)

DESCRIPTION	PRICE
Pallet Forks with standard attachment  <b>Cod. E00903801600</b>	<b>\$ 1,497.00</b>

TECHNICAL DATA	
Max width forks	35 in
Forks lenght	31 in
Forks class	1-ISO 2328
Loading capacity	660 lbs
Weight	176 lbs



## Attachments:



### ROTARY TILLER



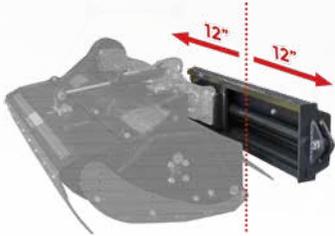
DESCRIPTION	PRICE
Rotary tiller <b>CEJN COUPLINGS</b>  <b>Cod. ENG04200000044</b>	<b>\$ 13,160.00</b>

DESCRIPTION	PRICE
Rotary tiller <b>SCREW COUPLINGS</b>  <b>Cod. ENG04200000045</b>	<b>\$ 11,570.00</b>

TECHNICAL DATA	
Working width	57 in
Max. lenght	63 in
Max. working depth	6 in
No. of tools	28
Power	22 HP
Weight	386 lbs



## Attachments:



WORKS ONLY WITH  
MULCHER HEAD 130

### SIDE SHIFT

DESCRIPTION	PRICE
SIDE SHIFT <b>CEJN COUPLINGS</b>  <b>Cod. ENG0420000051</b>	<b>\$ 5,178.00</b>
SIDE SHIFT <b>SCREW COUPLINGS</b>  <b>Cod. ENG0420000052</b>	<b>\$ 3,587.00</b>

TECHNICAL DATA	
Left shift	12 in
Right shift	12 in
Width	35 in
Height	20 in
Weight	148 lbs



## Attachments:



### TRIMMY



DESCRIPTION	PRICE
Trimmy CEJN COUPLINGS <b>Cod. ENG03800000034</b>	<b>\$ 16,770.00</b>
Trimmy SCREW COUPLINGS <b>Cod. ENG03800000033</b>	<b>\$ 14,395.00</b>

DATI TECNICI	
Maximum height	177 in
Maximum length	138 in
Oil flow rate	8 gal/min
Oil pressure	2320 PSI
Weigh	474 lbs



## Attachments:



### TRIMMY TOOLS

DESCRIPTION	PRICE
Cutting Head GARDEN 800 Cod. ENG10723000022	\$ 5,398.00

TECHNICAL DATA	
Cutting Width	31 in
Rotation	190°
Rotation speed	2800 rpm
N° knives	32
Weight	227 lbs



DESCRIPTION	PRICE
Saw bar Cod. ENG03801000136	\$ 7,340.00



DESCRIPTION	PRICE
Hedge Trimmer Cod. ENG03801000141	\$ 5,867.00



DESCRIPTION	PRICE
Brush Cod. ENG03801000133	\$ 5,987.00



## Attachments:



### ROTARY HARROW

DESCRIPTION	PRICE
Rotary Harrow <b>CEJN COUPLINGS</b>  Cod. ENG04200000019	<b>\$ 20,640.00</b>

DESCRIPTION	PRICE
Rotary Harrow <b>SCREW COUPLINGS</b>  Cod. ENG04200000046	<b>\$ 18,935.00</b>

TECHNICAL DATA	
Working width	59 in
Max working depth	7 in
No. of tools	14
No. of rotator	7
Power	32 HP
Weight	551 lbs



## Attachments:



### REAR WINCH

DESCRIPTION	PRICE
Rear winch <b>Cod. ENG0KT01001099</b>	<b>\$ 8,847.00</b>

TECHNICAL DATA	
Pulling force	3086 lbs
Hydraulic flow	3,7 gal/min.
Drum rope length	105 ft
Rope diameter	0,3 in
Towing pressure	2610 PSI
Weight (with support)	330 lbs



**RoboMIDI**  
60HP



EUSDPO00R100 - N. 2 - 01/01/2024 - The company reserves the right to make changes to the product presented in this catalogue at any time and without prior notice.



**ENERGREEN**<sup>®</sup> *America*  
Professional Machines



# *RoboMIDI* 60HP

REMOTE-CONTROLLED  
TOOL CARRIER



MSRP 2024 - N° 2 - REV. 00  
(In force from January 1, 2024)

## RoboMIDI<sup>60HP</sup>

**RoboMIDI** is a remote-controlled tool-carrier made to work on slopes up to **55°** in all directions thanks to its low center of gravity and a special engine oil sump.

The machine is equipped with a **60 HP Diesel engine**, tracks with hydraulic tensioning 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. The front lifter is able to work in three different ways: standard, floating and suspended thanks to an hydraulic accumulator. For the implements there are always one high flow closed circuit hydraulic line and two double effect open circuit hydraulic lines; all the lines are equipped with quick couplings.





## Standard set up:

### ENGINE:

- YANMAR 4TNV86CT 4-cylinder, 4-stroke, turbo charged, diesel, liquid-cooled engine.
- Displacement 2.1 l.
- Power 60 HP @ 3000 rpm.
- Direct injection Common Rail and electronic engine management via ECU.
- Exhaust gas emission reduction system through EGR, DPF and without DEF (Ad-Blue).
- Emissions class EPA Tier 4f
- Modified engine oil sump to guarantee lubrication up to 55° of inclination.
- Reversible self-cleaning fan.
- Single reinforced two-section radiator for coolant and hydraulic oil.
- Positioning of the air cyclonic pre-filter on the left side of the machine body in safety position.

### HYDRAULIC SYSTEM:

- Hydraulic system with Q8 HELLER46 mineral oil.
- Dedicated oil cooling section into the machine radiator.
- High pressure anti-abrasion flexible hoses.
- Screw-on quick couplings.
- Pressurized hydraulic circuit and immersion filter inside the tank.
- Traction of each track by motor wheel operated by a dedicated closed circuit piston pump.
- Double forward speed through hydraulic variation of the motor wheel displacement.
- Hydraulically operated negative brake inside the motor wheel.
- Gear pump in open circuit and multi-section electro-hydraulic distributor for services.
- Closed circuit piston pump for the high flow output.
- Hydraulic track tensioning with automatic pressure maintenance system.
- Floating system of the lifter controlled by an electrohydraulic distributor.
- Pneumohydraulic suspension system of the lifter obtained by means of a nitrogen accumulator.

### FRAME:

- Steel monocoque supporting structure.
- Double steel roll-bar integrated into the machine body.
- N. 4 hooks for lifting the machine on the frame.
- Transmission drive wheels with hardening heat treatment.
- Front idle wheels with hardening heat treatment.
- Tracked undercarriage with 7 sliding rollers and front and rear track guiding shoes.
- Hydraulically operated track tensioner equipped with safety nitrogen accumulator.
- Machine body hoods in painted steel.
- Air filter protection in painted steel.
- Rear radiator protection grille in painted steel and quick opening.
- Mechanical quick coupling for the tool on the front lifter equipped with security lever.
- 8 gal painted steel diesel tank.
- 11 gal painted steel hydraulic oil tank.



## Standard set up:

### SYSTEM & COMMANDS:

- AUTECH radio control with a range of 492 ft working with FHSS technology.
- N. 2 remote control lithium 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 and lifter management controlled through two-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.
- Potentiometer for adjusting the flow of the high flow output.
- Three-way selector for selecting the lifter operating mode (standard/floating/suspension).
- Double-effect hydraulic lines controlled through on/off control levers.
- Armored carrying case for remote control and accessories supplied with the machine (weatherproof and shockproof).



## FIRST SET UP



DESCRIPTION	PRICE
RoboMIDI with rubber tracks (12" x 3" x 2")	<b>\$ 113,403.00</b>



DESCRIPTION	PRICE
RoboMIDI with steel tracks (10" x 4" x 1.5")	<b>\$ 116,713.00</b>



## FIRST SET UP:



DESCRIPTION	PRICE
Screw hydraulic couplings <b>Cod. ENG0KT01000785</b>	<b>STANDARD</b>



DESCRIPTION	PRICE
CEJN hydraulic couplings <b>Cod. ENG0KT01000777</b>	<b>\$ 3,841.00</b>



DESCRIPTION	PRICE
Radio remote control EU DUAL BAND <b>Cod. ENG71305000054</b>	<b>STANDARD</b>



DESCRIPTION	PRICE
Radio remote control EU TILT SENSOR ** <b>Cod. ENG71305000055</b>	<b>\$ 208.00</b>

\*\* To be added as difference



Option on 1<sup>st</sup> set up:



DESCRIPTION	PRICE
Hydraulic mineral oil <b>Cod. ENG20101000020</b>	<b>STANDARD</b>



DESCRIPTION	PRICE
Paint STD Orange RAL 2011 Grey RAL 7021 <b>Cod. ENG0KT01000778</b>	<b>STANDARD</b>



DESCRIPTION	PRICE
Lower antenna <b>Not available for Japan and Russia</b> <b>Cod. ENG71305000064</b>	<b>\$ 438.00</b>



**Additional accessories:**



DESCRIPTION	PRICE
Working light LED 13 Watt 1300 Lumen electrical wiring  <b>Cod. ENG0KT01000744</b>	<b>\$ 571.00</b>



DESCRIPTION	PRICE
Radiator protection  <b>Cod. ENG0KT01000775</b>	<b>\$ 1,004.00</b>



DESCRIPTION	PRICE
LED flashing beacon 12 Volt with byonet connection  <b>Cod. ENG0KT01001111</b>	<b>\$ 292.00</b>



DESCRIPTION	PRICE
12-pole emergency remote control  <b>Cod. ENG91323000003</b>	<b>\$ 517.00</b>



## Additional accessories:



DESCRIPTION	PRICE
Rear ballast Comp. 174 lbs  <b>Cod. ENGOKT01000943</b>	<b>\$ 1,375.00</b>



**Attachments:**

**MULCHER HEAD 155**



DESCRIPTION	PRICE
Mulcher Head 155 CEJN COUPLINGS ROTOR NOT INCLUDED  <b>Cod. ENG0420000081</b>	<b>\$ 13,855.00</b>

DESCRIPTION	PRICE
Mulcher Head 155 SCREW COUPLINGS ROTOR NOT INCLUDED  <b>Cod. ENG0420000082</b>	<b>\$ 13,042.00</b>

TECHNICAL DATA	
Cutting width	60 in
Pressure	4206 PSI
Oil flow	23 gal/min
Hydraulic motor	2.3 HP
Weight	683 lbs



## Attachments:



DESCRIPTION	PRICE
Rotor with Y flails <b>Cod. ENG01301000232</b>	<b>\$ 2,693.00</b>
Rotor with hammers <b>Cod. ENG01301000288</b>	<b>\$ 3,754.00</b>



**Attachments:**



**FORESTRY 140**



DESCRIPTION	PRICE
Forestry 140 CEJN COUPLINGS ROTOR NOT INCLUDED  <b>Cod. ENG0420000080</b>	<b>\$ 13,073.00</b>

DESCRIPTION	PRICE
Forestry 140 SCREW COUPLINGS ROTOR NOT INCLUDED  <b>Cod. ENG0420000083</b>	<b>\$ 12,432.00</b>

TECHNICAL DATA	FIXED TEETH	ROTARY HAMMERS
Cutting width	52 in	53 in
Pressure	4206 PSI	4206 PSI
Oil flow	23 gal/min	23 gal/min
Hydraulic motor	2.3 HP	2.3 HP
Weight	1030 lbs	959 lbs



**Attachments:**



DESCRIPTION	PRICE
Rotor with fixed teeth <b>Cod. ENG01301000245</b>	<b>\$ 9,982.00</b>



DESCRIPTION	PRICE
Rotor with hammers <b>Cod. ENG01301000270</b>	<b>\$ 6,892.00</b>



DESCRIPTION	PRICE
Pushing Frame for Forestry 140 <b>Cod. ENG01301000251</b>	<b>\$ 915.00</b>



**Attachments:**



**STUMP GRINDER**

DESCRIPTION	PRICE
Stump Grinder <b>CEJN COUPLINGS</b>  <b>Cod. ENG03800000036</b>	<b>\$ 25,565.00</b>

DESCRIPTION	PRICE
Stump Grinder <b>SCREW COUPLINGS</b>  <b>Cod. ENG03800000037</b>	<b>\$ 24,903.00</b>

TECHNICAL DATA	
Working width	43 in
Wheel diameter	18,5 in
Wheel rotation	1200 - 1300 rpm
N° teeth	16
Pressure	3626 PSI
Oil flow	21 gal/min
Weight	606 lbs
Working depth	10 in



**Attachments:**



**SNOW BLOWER**

DESCRIPTION	PRICE
Snow Blower Cod. ENG03801000201	<b>\$ 30,770.00</b>

TECHNICAL DATA	
Working width	73 in
Tiller diameter	20 in
Hydraulic motor	7.2 HP - 5076 PSI
Chute rotation	+/- 110°
Weight	1036 lbs



**Attachments:**



**WINCH**



**!** ONLY AVAILABLE  
ON FIRST SET UP

DESCRIPTION	PRICE
Winch <b><u>complete with BALLAST</u></b>  <b>Cod. ENGOKT01000989</b>	<b>\$ 9,857.00</b>

TECHNICAL DATA	
Pulling force	3086 lbs
Hydraulic flow	5,3 gal/min.
Drum rope length	105 ft
Rope diameter	0,3 in
Towing pressure	2611 PSI
Weight (with support)	1114 lbs



**Attachments:**



**TRENCHER**

DESCRIPTION	PRICE
Trencher TZ 100 CEJN COUPLINGS  Cod. ENG03801000230	<b>\$ 19,390.00</b>

TECHNICAL DATA	
Length	83 in
Width	34 in
Height	30 in
Power	30 HP
Digging Depth	24/29/33/35 in
Digging Width	5/6/8 in
Pressure	3481 PSI
Weight	661 lbs
Standard teeth: Tiller tools with silicon coating for smooth grounds (no rocks)	



## Attachments:



### FORESTRY WINCH

DESCRIPTION	PRICE
Forestry Winch <b>CEJN COUPLINGS</b>  Cod. ENG03801000248	<b>\$ 52,506.00</b>
Forestry Winch <b>SCREW COUPLINGS</b>  Cod. ENG03801000273	<b>\$ 51,086.00</b>



55 SLOPE



**RoboMAX**  
75HP



EUSDP000R100 - N. 2 - 01/01/2024 - The company reserves the right to make changes to the product presented in this catalogue at any time and without prior notice.



**ENERGREEN**<sup>®</sup> *America*  
Professional Machines



# *Robo***MAX** 75HP

REMOTE-CONTROLLED  
TOOL CARRIER



**MSRP 2024 - N° 2 - REV. 00**  
**(In force from January 1, 2024)**

## RoboMAX<sub>75HP</sub>

**RoboMAX** is a remote-controlled tool-carrier made to work on slopes up to **55°** in all directions thanks to its low center of gravity and a special engine oil sump.

The machine is equipped with a **75 HP Diesel engine** 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 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 two double effect open circuit hydraulic lines; all the lines are equipped with quick couplings.





## Standard set up

### ENGINE:

- YANMAR 4TNV98CT 4-cylinder, 4-stroke, turbo charged, diesel, liquid-cooled engine
- Displacement 3.3 l
- Power 75 HP @ 2500 rpm
- Direct injection Common Rail and electronic engine management via ECU
- Exhaust gas emission reduction system through EGR, DPF and without DEF (Ad-Blue)
- Emissions class EPA Tier 4f
- Modified engine oil sump to guarantee lubrication up to 55° of inclination
- Reversible self-cleaning fan
- Single reinforced two-section radiator for coolant and hydraulic oil
- Positioning of the air cyclonic pre-filter on the left side of the machine body in safety position

### HYDRAULIC SYSTEM:

- Hydraulic system with Q8 HELLER46 mineral oil
- Dedicated oil cooling section into the machine radiator
- High pressure anti-abrasion flexible hoses
- Screw-on quick couplings
- Pressurized hydraulic circuit and immersion filter inside the tank
- Traction of each track by gear reducer operated by a dedicated closed circuit piston pump
- Double forward speed through hydraulic variation of the gear reducer displacement
- Hydraulically operated negative brake inside the gear reducer
- Gear pump in open circuit and multi-section electro-hydraulic distributor for services
- Closed circuit piston pump for the high flow output

### FRAME:

- Steel monocoque supporting structure
- Double steel roll-bar integrated into the machine body
- N. 4 hooks for lifting the machine on the frame
- Transmission drive wheels with hardening heat treatment
- Front idle wheels with hardening heat treatment
- Tracked undercarriage with 8 sliding rollers and front and rear track guiding shoes
- Grease precharged track tensioner equipped with mechanical safety spring
- Machine body hoods in painted steel
- Air inlet cyclonic pre-filter protection in painted steel
- Rear radiator protection grille in painted steel and quick opening
- Mechanical quick coupling for the attachment on the front lifter (with screws locking)
- Floating system of the lifter obtained with slots on the heads of the lifting cylinders
- 16 gal painted steel diesel tank
- 12 gal painted steel hydraulic oil tank



## Standard set up

### SYSTEM & COMMANDS:

- AUTECH radio control with a range of 492 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 and lifter management controlled through two-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
- Potentiometer for adjusting the flow of the high flow output
- Double-effect hydraulic lines controlled through on/off control levers
- Armored carrying case for remote control and accessories supplied with the machine (weatherproof and shockproof)



## FIRST SET UP



DESCRIPTION	PRICE
RoboMAX with super rubber tracks (14" x 3" x 2")	<b>\$ 134,038.00</b>



DESCRIPTION	PRICE
RoboMAX with steel tracks (12" x 4" x 1.7")	<b>\$ 137,457.00</b>



## FIRST SET UP:



DESCRIPTION	PRICE
Radio remote control EU DUAL BAND  <b>Cod. ENG71305000054</b>	<b>STANDARD</b>



DESCRIPTION	PRICE
Radio remote control EU TILT SENSOR **  <b>Cod. ENG71305000055</b>	<b>\$ 208.00</b>

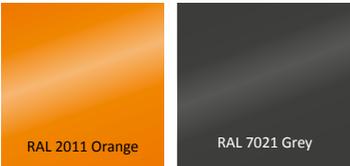
\*\* To be added as difference



### Option on 1<sup>st</sup> set up:



DESCRIPTION	PRICE
Hydraulic mineral oil <b>Cod. ENG20101000010</b>	<b>STANDARD</b>



DESCRIPTION	PRICE
Paint STD Orange RAL 2011 Grey RAL 7021 <b>Cod. ENG0KT01000049</b>	<b>STANDARD</b>



**Additional accessories:**



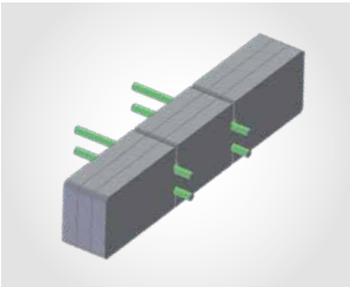
DESCRIPTION	PRICE
Working light LED 13 Watt 1300 Lumen electrical wiring <b>Cod. ENG0KT01000744</b>	<b>\$ 571.00</b>



DESCRIPTION	PRICE
Radiator protection <b>Cod. ENG0KT01000261</b>	<b>\$ 1,778.00</b>



DESCRIPTION	PRICE
Ballast 330 lbs (Suggested with Forestry Head page 131) <b>Cod. ENG0KT01000137</b>	<b>\$ 1,538.00</b>



DESCRIPTION	PRICE
Additional ballasts set for machine equipped with Forestry Head and Rear Winch (to be installed when taking off the Rear Winch Cod. ENG0KT01000241 page 131) <b>Cod. ENG0KT01000900</b>	<b>\$ 830.00</b>



## Additional accessories:



DESCRIPTION	PRICE
Lubrication pump with manometer equipped with head <b>Cod. ENG21001000004</b>	<b>\$ 214.00</b>



DESCRIPTION	PRICE
12-pole emergency remote control <b>Cod. ENG91323000003</b>	<b>\$ 517.00</b>



**Attachments:**

**MULCHING HEAD 180**



DESCRIPTION	PRICE
Head 180  Cod. ENGOKT00000001	<b>\$ 19,604.00</b>

TECHNICAL DATA	
Working width	69 in
Max. width	80 in
Cutting diameter	1.18 in
Rotor max. speed	2300 rpm
No. of flails	72
Weight	1058 lbs



## Attachments:



### FORESTRY HEAD 150



REAR BALLAST SUGGESTED.  
COD. ENG0KT01000137  
(SEE PAGE 107)

DESCRIPTION	PRICE
Forestry 150 <b>NO ROTOR INCLUDED</b> <b>Cod. ENG01301000111</b>	<b>\$ 15,429.00</b>



DESCRIPTION	PRICE
Rotor wth fixed teeth <b>Cod. ENG01301000154</b>	<b>\$ 13,231.00</b>

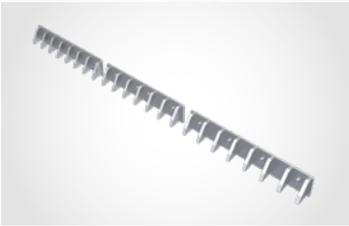


DESCRIPTION	PRICE
Rotor with hammers <b>Cod. ENG01301000067</b>	<b>\$ 9,625.00</b>

TECHNICAL DATA	FIXED TEETH	ROTARY HAMMERS
Cutting width	58 in	59 in
Pressure	5511 PSI	5511 PSI
Oil flow	26 gal/min	26 gal/min
Hydraulic motor	3 HP	3 HP
Weight	1796 lbs	1796 lbs



## Attachments:



DESCRIPTION	PRICE
Kit front stone crusher FORESTRY 150  <b>Cod. ENG01301000325</b>	<b>\$ 715.00</b>



**Attachments:**



**SPRAYER**



DESCRIPTION	PRICE
Sprayer <b>Cod. ENG03801000258</b>	<b>\$ 19,387.00</b>

TECHNICAL DATA	
Capacity	105 gal
Fan	23 in
Power	20 HP
Flow	25 gal/min
Air volume	925244 ft <sup>3</sup> /h
Weight	1543 lbs



## Attachments:

### STUMP GRINDER



DESCRIPTION	PRICE
Stump grinder Cod. ENGOKT01000826	\$ 23,478.00



## Attachments:



### WOOD CHIPPER



DESCRIPTION	PRICE
Wood Chipper <b>Cod. ENG03801000049</b>	<b>\$ 28,746.00</b>

TECHNICAL DATA	
Max. cross-section	4* in
Output	32* ft <sup>3</sup> /h
Hopper opening	9 x 12 in
N° blades	2
N° hammers	20
Power	20 HP
Weight	1014 lbs

\* It depends on the kind of material and on the working conditions.



**Attachments:**



**REAR WINCH**



DESCRIPTION	PRICE
Rear rescue winch <b>Ballasts included</b>  Cod. ENG0KT01000241	<b>\$ 9,857.00</b>

DESCRIPTION	PRICE
Rear rescue winch <b>without ballasts</b> (for machines already equipped with ballasts Cod. ENG0KT01000137 see page 107)  Cod. ENG0KT01000899	<b>\$ 8,847.00</b>

TECHNICAL DATA	
Pulling force	3086 lbs
Hydraulic flow	5 gal/min
Quantity drum rope	105 ft
Rope diameter	0.3 in
Towing pressure	2610 PSI
Weight (Complete with support, ballasts excluding)	397 lbs



**Attachments:**



**STONE CRUSHER**



DESCRIPTION	PRICE
Stone crusher <b>Cod. ENG03001000030</b>	<b>\$ 42,609.00</b>

TECHNICAL DATA	
Rotor width	17 in
No. hammer	4
Pressure	4206 PSI
Weight	1031 lbs
Hydraulic drive with pistons	
Belt transmission	



**Attachments:**



**DUAL BLADE TRIMMER**



DESCRIPTION	PRICE
Dual blade trimmer  <b>Cod. ENG04200000072</b>	<b>\$ 49,938.00</b>

TECHNICAL DATA	
Vertical cut	79 in
Horizontal cut	51 in
No. flails	5 + 3
Extension height	27 in
Horizontal extension	27 in
Weight	750 lbs



**Attachments:**



**HIGH TIPPING BUCKET**



DESCRIPTION	PRICE
High tipping bucket <b>Cod. ENG03801000182</b>	<b>\$ 8,428.00</b>

TECHNICAL DATA	
Working width	65 in
Max. tipping height	28 in
Loading capacity	1985 lbs
Bucket volume	11,8 in <sup>3</sup>
Pressure	2610 PSI
Weight	595 lbs



## Attachments:



### SNOW BLOWER



DESCRIPTION	PRICE
Snow blower Cod. ENG03801000244	\$ 33,314.00



*RoboMAX*

55 SLOPE



**RoboPLUS**  
100HP



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**ENERGREEN**<sup>®</sup> *America*  
Professional Machines



# Robo**PLUS**

100HP

REMOTE-CONTROLLED  
TOOL CARRIER



MSRP 2024 - N° 2 - REV. 00  
(In force from January 1, 2024)

## RoboPLUS<sub>100HP</sub>

The **RoboPLUS** is a radio-controlled tool carrier designed for the maintenance of green and forest areas that are difficult to reach by conventional vehicles.

The low centre of gravity position, due to the accurate weight distribution, allows it to be used on steep slopes such as, embankments, slopes, ditches, up to a maximum vehicle slope of 55° both sideways and frontally.

The tool carrier is controlled by the radio control that communicates with the receiver installed on the vehicle.

The main features are:

- Complete machine weight with super rubber tracks 5842 lbs
- Complete machine weight with steel tracks 6062 lbs
- Maximum width 65.7" with rubber track
- Maximum width 63.7" with steel track
- Maximum height: 53.5"
- Maximum length: 110"
- Diesel tank: 16 gal
- Hydraulic oil reservoir: 21 gal





## Standard equipment:

### THERMAL ENGINE:

Diesel engine type: DEUTZ TCD 2.9 L4

Displacement: 2.9 l, 4 cylinders with a power output of 100 HP.

Engine torque: 420 Nm at 1600 rpm.

Work speed: 2000 rpm.

SCR - exhaust emission reduction system guaranteeing EPA Tier 4 emission class

A special engine lubrication allows the machine to be used on slopes up to 55° in all directions.

The radiator fan is reversible, is managed automatically, and avoids clogging of the radiator by debris.

An innovative engine air intake system, Power Air Intake, is located at the rear of the machine, in the central radiator area, allowing the engine to draw air into the cooler area with less turbulence, increasing the life of the air cleaner.

### HYDRAULIC SYSTEM:

Movement is entrusted to two independent closed-circuit hydraulic systems with dual-speed hydraulic motors that achieve a forward speed of 0 to 2.50 mph in first gear and 0 to 4.66 mph in second.

Each hydraulic motor is equipped with a negative parking brake, with hydraulic release, which also has an emergency function.

The implement is also driven by a closed circuit hydraulic system to maximise system efficiency.

The hydraulic system is completed by a gear pump to feed the hydraulic control valve operating the services.

The tracks are equipped with an automatic hydraulic pre-tensioning system that prevents the possibility of getting out of tracks and facilitates removal for maintenance.

The hydraulic connection between the machine and the implement is provided by CEJN quick couplings.

### CHASSIS:

The chassis is a welded tubular structure containing all machine parts, two roll bars close the structure at the top and protect the components from accidental tipping over.

The machine is fitted with folded, welded and corrosion-treated sheet metal enclosures.

All openings on the fairings are protected by metal mesh to prevent debris from entering the engine compartment.

The rear of the machine also has a robust frame to protect the radiator.

A chain link guard is provided at the rear to prevent material from being thrown from under the machine.



## Standard equipment:

### MANAGEMENT SYSTEMS:

The control of the vehicle is entrusted to an AUTECH radio control and 1400mAh lithium ion battery with an action range of 492 ft.,

Frequency of 870 MHz or 915 MHz, with an automatic frequency adjustment system every two milliseconds that prevents signal loss due to interference.

Controls are proportional on joysticks,

Provided with one battery, charger and IP65 carrying case

A 3.5" colour multifunctional display allows to view all operating parameters and working conditions according to the coupled implement.

**RoboPLUS** Equipped with an electronic control unit - Efficiency Control System, which thanks to an ENERGREEN software, guarantees the highest performance with the lowest fuel consumption



**FIRST SET UP:**



DESCRIPTION	PRICE
RoboPLUS with super rubber tracks	<b>\$ 181,943.00</b>



DESCRIPTION	PRICE
RoboPLUS with steel tracks	<b>\$ 185,616.00</b>



**FIRST SET UP:**



DESCRIPTION	PRICE
CEJN hydraulic couplings (machine side) <b>Cod. ENGOKT01001137</b>	<b>STANDARD</b>



DESCRIPTION	PRICE
Radio remote control EU DUAL BAND <b>Cod. ENGOKT01000054</b>	<b>STANDARD</b>



DESCRIPTION	PRICE
Radio remote control EU TILT SENSOR ** <b>Cod. ENGOKT01000055</b>	<b>\$ 208.00</b>

\*\* To be added as difference



Option on 1<sup>st</sup> set up:



DESCRIPTION	PRICE
Hydraulic mineral oil <b>Cod. ENG20101000025</b>	STANDARD
Biodegradable hydraulic oil <b>Cod. ENG20101000026</b>	\$ 875.00
Biodegradable hydraulic oil PANOLIN HLP SYNTH 46 <b>Cod. ENG20102000045</b>	\$ 1,657.00



DESCRIPTION	PRICE
Paint STD Orange RAL 2011 Grey RAL 7021 <b>Cod. ENG0KT01001138</b>	STANDARD



DESCRIPTION	PRICE
Customized paint (Replace only the color ORANGE RAL 2011) <b>Cod. ENG0KT01001139</b>	\$ 1,495.00



## Additional accessories:



DESCRIPTION	PRICE
Kit working light LED 13 Watt 1300 Lumen electrical wiring  <b>Cod. ENG0KT01000744</b>	<b>\$ 571.00</b>



DESCRIPTION	PRICE
Kit working rear lights LED  <b>Cod. ENG0KT01001155</b>	<b>\$ 330.00</b>



**Attachments:**



**FORESTRY HEAD: FORESTRY 150**



DESCRIPTION	PRICE
Forestry 150 <b>ROTOR NOT INCLUDED</b>  Cod. ENG01301000305	<b>\$ 18,244.00</b>



DESCRIPTION	PRICE
HYDRAULIC pushing  Cod. ENG0KT01001150	<b>STANDARD</b>

TECHNICAL DATA	TEETH	HAMMERS
Cutting width	58 in	59 in
Pressure	5366 PSI	5366 PSI
Oil flow	29 gal/min	28 gal/min
Hydraulic motor	3 HP	3 HP
Weight	1741 lbs	1742 lbs
Weight (full optional)	1807 lbs	1807 lbs



**Attachments:**



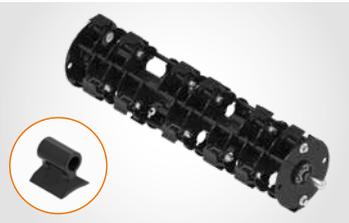
DESCRIPTION	PRICE
Kit front stone crusher FORESTRY 150  <b>Cod. ENG01301000325</b>	<b>\$ 715.00</b>



DESCRIPTION	PRICE
Kit optional teeth for pushing FORESTRY 150  <b>Cod. ENG0KT01001140</b>	<b>\$ 280.00</b>



DESCRIPTION	PRICE
Rotor with fixed teeth  <b>Cod. ENG01301000154</b>	<b>\$ 13,231.00</b>



DESCRIPTION	PRICE
Rotor with rotary hammers  <b>Cod. ENG01301000067</b>	<b>\$ 9,625.00</b>



## Attachments:



### REAR WINCH

DESCRIPTION	PRICE
Rear reascue winch <b>Cod. ENGOKT01001148</b>	<b>\$ 9,857.00</b>

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 (with support)	254 lbs

## Standard warranty terms

(Not valid for USA and CANADA)

### 1. Definitions

For the purposes of interpretation and execution of this Contract, it is meant by:

**CUSTOMER:** the individual (natural person) or company (legal person) who purchases or is willing to purchase Energreen products

**SELLER:** Energreen America Inc. having its headquarters in Aiken SC

**PARTIES:** both Customer and Seller

**CONTRACT:** the contract finalized further to the acceptance by the CUSTOMER of the Quotation of the SELLER, according to the terms and conditions of the quotation

**QUOTATION OF THE SELLER:** the proposal specified in the "Form A" by which the CUSTOMER engages to purchase the PRODUCT

**SPECIAL TERMS:** the clauses eventually contained in the Purchase Proposal, Form A

**PRODUCT:** the machinery produced and sold by Energreen America Inc., including all forms (documentation) and conformity certificates.

### 2. Completion of the Contract

2.1 The QUOTATION referred to the "Form A" is irrevocable for the period specified in the SPECIAL TERMS of sales

2.2 The CONTRACT is understood to be completed when the SELLER gains knowledge of the acceptance by the CUSTOMER.

2.3 The knowledge of the acceptance is when the acceptance itself is received by mail or fax or e-mail, to the mail or e-mail addresses or fax number of the CUSTOMER specified in the QUOTATION; for this purpose, the mail delivery notice, the fax transmission report and the confirmation of e-mail transmission will be considered a proof. In case of collective use of one or more of the above said communications, the CONTRACT will be considered as completed at the date of the first receipt of acceptance.

2.4 Any eventual verbal acceptance or concluding facts or circumstances will not be valid

### 3. Delivery of the Product

3.1 The SELLER engages himself to deliver to the purchaser the PRODUCT within the terms specified in the Quotation "Form A"

3.2 The place of delivery of the PRODUCT, except different agreement, is intended to be at Energreen's headquarters. Should the transport of the PRODUCT be necessary to be delivered directly to the registered address of the CUSTOMER or any other place specified by the latter, Energreen America Inc. will be free from any obligation of delivery and responsibility starting from when the PRODUCT is delivered to the carrier. The transport cost will be fully charged to the CUSTOMER if agreed in this term.

### 4. Amount due and payment

4.1 The amount due specified in the QUOTATION to the CUSTOMER includes only the price of the PRODUCT, and if specified the freight and packing cost

4.2 The payment will be done in the terms and currency agreed. In case of direct payment, the goods will be delivered after the bank transfer is received or at collection done of any other payment method agreed

4.3 The CUSTOMER is not authorized to make any reduction from the agreed price (excluded for advance payment or in case of claimed defects of the Product) unless upon written agreement with Energreen America Inc.

4.4 Except expressly specified, the price of the PRODUCT will be the one specified in the price list of the SELLER in force at the time of the acceptance of the order. Except otherwise agreed, the prices are on Free Carrier Incoterms 2020, Aiken value basis

4.5 The SELLER will have the right to stop carrying out his obligations if the CUSTOMER is not in line with payments, interests included

#### 5. Conditional sale – Risk transfer

5.1 In case of deferred payment the delivered PRODUCT will remain the SELLER's property until the total payment is completed

5.2 In any case, starting from the time of delivery to the carrier, all risks pertinent to the lost or destroyed and safe keeping (care) of the PRODUCT regarding both the SELLER and third parties will be at CUSTOMER's charge

#### 6. Annulment and penalty

6.1 The CUSTOMER can withdraw from the CONTRACT by registered letter with return receipt against the payment of the following penalty: a) in case the annulment is within 10 weeks before the expected delivery date, the amount for the annulment will be the 15% of the total amount of the purchase) in case the cancellation is after 10 weeks before the expected delivery date, the amount for the cancellation will be the 50% of the amount of the purchase

6.2 Except for what stated at point 6.1, the cancellation will not be accepted if the SELLER has informed the CUSTOMER, by any communication method, that the PRODUCT is already under production and/or modified according to the specific requests of the CUSTOMER

#### 7. Warranty

7.1 The SELLER guarantees the correct working (functioning-operation) of the delivered PRODUCT in conformity with the warranty conditions supplied at the time of delivery of the product and, as such, known by the CUSTOMER, on the basis also of what specified in the technical and detailed documentation of the product

7.2 The SELLER grants, for a period of twelve months starting from the invoice date, a warranty for defects of the PRODUCT, and the eventual maximum reimbursement will be always limited to the value of the PRODUCT in question. The notification of the defect must be done by registered letter with 8 days from the date of discovering the defect. The warranty does not cover the replacement of material subject to wear and tear, damage caused by negligence, insufficient inspections and controls, careless maintenance and/or improper use. Any modification due to the intervention of the CUSTOMER will void the warranty

7.3 The SELLER guarantees the good working of the PRODUCT, engaging himself, during the warranty period, to give technical assistance to reactivate the correct working of the machinery, provided that this does not depend on the normal wear and tear, on damages caused by incompetence or negligence of the CUSTOMER, on use under particularly heavy conditions or, in any case, improper use not complying with the specifications of the use and maintenance manual, on alterations or interventions non-authorized by the SELLER

7.4 For the heat engine and its equipment, the warranty terms and conditions of the manufacturer will apply specified in the certificate of the manufacturer himself.

7.5 Hydraulic oil and of any type used, all types of seals and any consumable material, electrical system, tires, rubber tracks are expressly not covered by the warranty.

#### 8. Responsibility of the buyer – Safety regulations

8.1 The SELLER declares that the PRODUCT complies with the current safety regulations. The CUSTOMER acknowledges that the delivered PRODUCT is supplied with the use and maintenance manual which he must strictly observe.

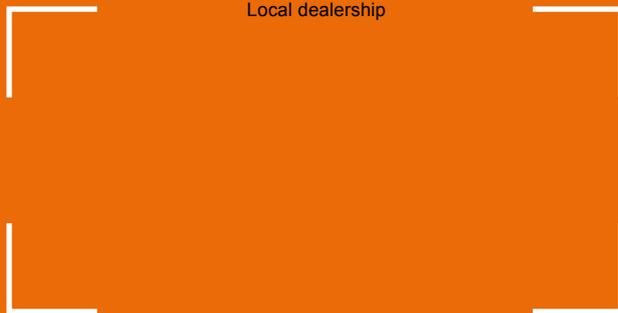
8.2 The CUSTOMER must assign the use of the PRODUCT to qualified personnel, having the necessary authorizations and must give adequate instruction the users on the correct working, as well as follow the security rules against on-the-job injury eventually in force, taking any responsibility for eventual damages caused by the products to his personnel, to third parties or things following to the misuse of the PRODUCT or non-observance of the maintenance instructions of the same

- 8.3 It is not allowed either the installation to the PRODUCT of accessories and/or implements not supplied by the SELLER, without his written consent, or to remove any part: in this case no warranty is granted to the CUSTOMER
- 8.4 The SELLER refuses any responsibility for damages to third parties or things following the use, tampering or modifications of the standard protections fitted to the PRODUCT.
9. Solve et replete
- 9.1 The CUSTOMER will not have the right either to bring any action against the SELLER or attribute to him any non-fulfilment (breach) until he has settled all obligations of payment as provided for by the CONTRACT and by the PURCHASE PROPOSAL "Form A"
10. General conditions, applicable law and place of jurisdiction
- 10.1 The CONTRACT and the PURCHASE PROPOSAL "Form A" are the only binding obligation between the PARTIES regarding the PRODUCT which is the subject of said obligation, excluding any previous written or verbal agreement
- 10.2 Any modification of the CONTRACT and of the PURCHASE PROPOSAL "Form A" must be done in writing otherwise the contract will not be valid
- 10.3 The CONTRACT is subject to the Law the State of South Carolina.
- 10.4 Any dispute arising out of this CONTRACT shall be subject to the exclusive jurisdiction of the Courts of Aiken County, South Carolina, with the express exclusion of any other Court.
- 10.5 If either party must enforce the provisions of this Agreement through legal action, the prevailing party shall be entitled to an award of its costs and reasonable legal fees.



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