



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



**SELF-PROPELLED  
HYDROSTATIC MACHINES**

# MSRP 2024 DEALER


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



# SELF-PROPELLED HYDROSTATIC MACHINES



**ENERGREENAMERICA.COM**

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





**ILF ASPEN** 143HP



EUSDP0001100 - 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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# ILF **ASPEN**

PROFESSIONAL  
VEGETATION MANAGEMENT MACHINE



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

## ILF **ASPEN**

**ILF Aspen** is a self-propelled machine equipped with a telescopic boom suitable for the installation of various attachments to operate in the control of vegetation. Thanks to the fixed cabin and the front mounted boom, the operator has maximum visibility and comfort during work. This self-propelled machine is equipped with the latest generation **Deutz engine** that provides **143 HP** in compliance with the **EPA Tier 4** anti-pollution regulations. In addition at the two boom lengths at disposal, it is possible to equip the machine with different configurations to manage rear mounted attachments.





## Standard equipment

### MACHINE:

- Halogen running lights
- Service towing hook (not homologated for road circulation)
- Fuel tank capacity 44 gal
- AdBlue® tank capacity 4 gal
- Hydraulic oil tank capacity 83 gal
- Large tool compartment on the right side of the machine complete with Energreen Service Toolbox
- BKT (500/45 R22,5) tires
- N. 4 hooks in facilitated position to secure the machine on transport trailers

### ENGINE:

- Deutz TCD 3.6 L4 3.6-liter liquid-cooled in-line 4-cylinder engine
- Common-Rail injection with 4 valves per cylinder
- Engine power 143 HP (at 2200 rpm)
- Engine data control and regeneration devices management (exhaust gases treatment) integrated in the Deutz display
- Separate cooling circuits (coolant - intercooler - hydraulic oil) with reinforced multi-section radiator
- 10" two-element air filter (primary and safety) and self-cleaning cyclonic prefilter
- 120 A /14 V DC alternator
- Automatic battery isolator switch
- Exhaust emissions compliant with EPA TIER 4
- EGR (Exhaust Gas Recirculation) module with throttle valve and air heat exchanger managed by ECU (Engine Control Unit)
- Exhaust system consisting of EGR (Exhaust Gas Recirculation) + DPF (Diesel Particulate Filter) + DOC (Diesel Oxidation Catalyst) + SCR (Selective Catalytic Reduction) with regeneration without burner

### AXLES and BRAKING SYSTEM:

- Axles with 8 Stud Hub with maximum permissible load:
  - front: 15388 lbs
  - rear: 14330 lbs
- SCD - Stability Control Device system for locking/unlocking the rear axle oscillation by means of hydraulic cylinders controlled by in-cab button
- 100% Front and rear Diff lock with electro-hydraulic in-cab control
- 6-Discs Oil immersed brakes system
- Negative parking brake

### TRANSMISSION and STEERING:

- Continuously variable hydrostatic transmission with two-speed mechanical gearbox (work and transfer gear)
- ECO-MODE system to provide efficiency savings when travelling between worksites by lowering engine RPM when travelling at 25 mph
- Electronic recognition of wheel alignment and in-cab selector of steering mode
- Selectable steering mode:
  - 2-wheel steer (only front)
  - 4-wheel steer
  - Crab steer



## Standard equipment

### HYDRAULIC SYSTEM:

- Piston pump and motor, in closed circuit, for the boom-mounted equipment
- Piston pump and motor, in closed circuit, for the machine transmission
- Gear pump, in open circuit, for the movements of the boom
- Gear pump, in open circuit, for the breaking system
- Gear pump, in open circuit, for the steering system
- Pressurised inlet and outlet filter for closed circuits with filter blockage indicator
- In line high pressure filter for the hydraulic valve block protection with filter blockage indicator
- Hydraulic oil flow (0-100 %) control of the equipment hydraulic circuit by in-cab potentiometer
- Modular 5-section hydraulic valve block:
  - n° 4 proportional elements
  - n° 1 ON/OFF element
- Boom suspension system with nitrogen accumulators
- Floating movement function of the flail head tilting
- Hydraulic oil temperature display

### STANDARD CAB:

- Cruise Control
- Instant reverse pedal
- 4 LED working lights (2 cab + 1 boom + 1 hood)
- DAB/Bluetooth stereo complete with handsfree
- Retractable sunshade on front windshield
- GRAMMER MAXIMO XXL seat with air suspension and adjustable lumbar shock absorber

DESCRIPTION	PRICE
<b>ILF ASPEN</b>  <b>Cod. ENG00701000134</b>	<b>STANDARD</b>

## Optional:



DESCRIPTION	PRICE
Windshield glass in Hammer glass (Special polycarbonate)  <b>Cod. ENG0KT01001064</b>	<b>\$ 2,636.00</b>




DESCRIPTION	PRICE
Right side glass in Hammer glass (Special polycarbonate and steel frame)  <b>Cod. ENG0KT01001066</b>	<b>\$ 2,661.00</b>



DESCRIPTION	PRICE
Back right side glass in Hammer glass (Special polycarbonate)  <b>Cod. ENG0KT01001065</b>	<b>\$ 1,449.00</b>



DESCRIPTION	PRICE
<b>ILF ASPEN</b> boom mod. FAST	STANDARD CABIN
<b>ASPEN 7</b> Total length 24 ft 1 telescopic extensions	<b>\$ 222,224.00</b>
<b>ASPEN 9</b> Total length 30 ft 2 telescopic extensions  Only use Cutting Head 47"   <b>MOBILE BALLAST 2204 LBS INCLUDED</b>	<b>\$ 242,544.00</b>



**CUTTING HEAD AND 180° ROTATING  
WHEEL ARE NOT INCLUDED**

## Homologations:



DESCRIPTION	PRICE
Homologation USA <b>Cod. ENG0KT01000317</b>	<b>\$ 891.00</b>



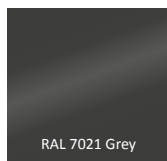
DESCRIPTION	PRICE
Special lights-kit USA homologation <b>Cod. ENG0KT01000708</b>	<b>\$ 2,650.00</b>



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



DESCRIPTION	PRICE
Mineral hydraulic oil <b>Cod. ENG20101000004</b>	<b>STANDARD</b>






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



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



DESCRIPTION	PRICE
 Tires BKT 500/45 R22.5 Machine width 92" Max speed 22 mph Cod. ENG0KT01000428	<b>STANDARD</b>
 Tires ** NOKIAN 460/65 R24 Machine width 89" Max speed 24 mph Cod. ENG0KT01000385	<b>\$ 5,143.00</b>
 Tires ** ALLIANCE 600/50 R22,5 331 8 F offset - 25 Machine width 97" Max speed 24 mph Cod. ENG0KT01000319	<b>\$ 1,375.00</b>

\*\* in addition to the machine price





## Attachments:



ROTATOR NOT INCLUDED



DESCRIPTION	PRICE
Cutting head NEW SPEED 120 (47") <b>ROTATOR NOT INCLUDED</b>	<b>\$ 7,697.00</b>
Working width	44 in
Max. rotor speed	3000 rpm
Max. absorbed power	89 HP
Pistons hydraulic motor	2.5 HP/5075 PSI
Support roller diameter	5.5 in
Standard weight	700 lbs
2.5 HP cutting head NEW SPEED hydraulic motor + hoses <b>Cod. ENG01301000016</b>	<b>\$ 2,321.00</b>
Weight	66 lbs



DESCRIPTION	PRICE
MULTI Y-BLADES 47" rotor through bushing Complete equipped with 16 sets <b>Cod. ENG0KT01001284</b>	<b>\$ 2,671.00</b>
HALF-TURN blade 47" rotor equipped with 22 sets <b>Cod. ENG0KT01001281</b>	<b>\$ 2,297.00</b>
TURNING HAMMERS 47" rotor equipped with 22 sets <b>Cod. ENG01301000216</b>	<b>\$ 4,266.00</b>



## Attachments:



ROTATOR NOT INCLUDED



DESCRIPTION	PRICE
Cutting head NEW SPEED 150 (59") <b>ROTOR NOT INCLUDED</b>	<b>\$ 8,600.00</b>
Working width	56 in
Max. rotor speed	3000 rpm
Max. absorbed power	99 HP
Pistons hydraulic motor	2.5 HP/5075 PSI
Support roller diameter	5.5 in
Standard weight	790 lbs
2.5 HP cutting head NEW SPEED hydraulic motor + hoses <b>Cod. ENG01301000016</b>	<b>\$ 2,321.00</b>
Weight	66 lbs



DESCRIPTION	PRICE
MULTI Y-BLADES 59" rotor Includes 22 sets <b>Cod. ENG0KT01001285</b>	<b>\$ 3,016.00</b>
HALF-TURN blade 59" rotor Includes 24 sets <b>Cod. ENG0KT01001282</b>	<b>\$ 2,874.00</b>
TURNING HAMMERS 59" rotor. Includes 26 sets <b>Cod. ENG04001000002</b>	<b>\$ 4,843.00</b>



## Attachments:



DESCRIPTION	PRICE
Hydraulic rotator equipped with: <ul style="list-style-type: none"><li>- Motor</li><li>- Valves</li><li>- Quick couplings</li><li>- Attachments plates</li></ul> <b>Cod. E00301370000</b>	<b>\$ 4,452.00</b>
Weight	180 lbs



DESCRIPTION	PRICE
Electro-hydraulic opening <b>Cod. E00301371400</b>	<b>\$ 1,349.00</b>



DESCRIPTION	PRICE
* Front chain protection for cutting head Mod. New Speed 120 (47") includes: <ul style="list-style-type: none"><li>- Galvanized steel support</li><li>- Screws</li><li>- 47" chains</li></ul> <b>Cod. E207003NS120</b>	<b>\$ 658.00</b>
Weight	37 lbs
* Front chain protection for cutting head Mod. New Speed 150 (59") includes: <ul style="list-style-type: none"><li>- Galvanized steel support</li><li>- Screws</li><li>- 59" chains</li></ul> <b>Cod. E207003NS150</b>	<b>\$ 727.00</b>
Weight	46 lbs

\* In addition to rubber protections



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



DESCRIPTION	PRICE
<p>S.P.P. electronic system for boom suspension (Suspension Proportional Potentiometer)</p> <p><b>The system allows the flotation of the boom and the automatic adjustment according to the terrain</b></p> <p><b>Cod. E459SPP00000</b></p>	<p><b>\$ 9,284.00</b></p>



DESCRIPTION	PRICE
<p>Hydraulic quick couplings plane face on the boom (n° 2 Female 1" + n° 2 Male 1" + 1 Female 3 <sup>1</sup>/<sub>4</sub>" + 1 Male 3 <sup>1</sup>/<sub>4</sub>" + 2 Female 3/8" + 2 Male 3/8" + 2 Female 1/4 + 2 Male 1/4)</p> <p><b>Cod. E620KITBRA02</b></p>	<p><b>\$ 2,224.00</b></p>



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



DESCRIPTION	PRICE
Air filter protection <b>Cod. ENG0KT01000660</b>	<b>\$ 245.00</b>



DESCRIPTION	PRICE
Fire extinguisher 4.5 lbs CO <sub>2</sub> <b>Included in Cabin</b>	<b>STANDARD</b>

## Additional accessories, only on 1<sup>st</sup> set-up:



DESCRIPTION	PRICE
<p>Blower complete with parallelogram, quick couplings and hydraulic system. It includes salt spreader function.</p> <p><b>Cod. ENG0KT01000617</b></p>	<p><b>\$ 9,194.00</b></p>



DESCRIPTION	PRICE
<p>Hydraulic system for blower or salt spreader complete with hydraulic system - 10 gal, 2600 PSI and 3 couplings P (pressure/delivery), T (return) and D (drainage with line connected to the tank).</p> <p><b>Cod. ENG0KT01000321</b></p>	<p><b>\$ 3,438.00</b></p>





**ILF KOMMUNAL** 143HP



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# **ILF *KOMMUNAL***

PROFESSIONAL  
VEGETATION MANAGEMENT MACHINE



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

## **ILF *Kommunal***

**ILF *Kommunal*** is a multifunctional self-propelled machine equipped with a front quick coupling system that allows the installation of multiple attachments for vegetation control, construction work and multi-season street maintenance. Thanks to the fixed cabin and the front-mounted attachment, the operator has maximum visibility and comfort during work.

This self-propelled machine is equipped with the latest generation **Deutz** engine that provides **143 HP** in compliance with the **EPA Tier 4** anti-pollution regulations. In addition to the front-mounted attachment, it is possible to set up different configurations to manage rear-installed attachments.





## Standard equipment:

### MACHINE:

- Halogen running lights.
- Service towing hook (not homologated for road circulation).
- Fuel tank capacity 44 gal.
- AdBlue® tank capacity 4 gal.
- Hydraulic oil tank capacity 83 gal.
- Large tool compartment on the right side of the machine complete with Energreen Service Toolbox.
- MITAS MPT (445/65 R22,5) tires.
- Front and rear mudguard

### ENGINE:

- Deutz TCD 3.6 L4 3,6-liter liquid-cooled in-line 4-cylinder engine.
- Common-Rail injection with 4 valves per cylinder.
- Engine power 105 kW (at 2200 rpm).
- Engine data control and regeneration devices management (exhaust gases treatment). integrated in the Deutz display.
- Separate cooling circuits (coolant - intercooler - hydraulic oil) with reinforced multi-section radiator.
- 10" two-element air filter (primary and safety) and self-cleaning cyclonic prefilter .
- 120 A /14 V DC alternator.
- Automatic battery isolator switch.
- Exhaust emissions compliant with EU Stage V.
- EGR (Exhaust Gas Recirculation) module with throttle valve and air heat exchanger managed by ECU (Engine Control Unit).
- Exhaust system consisting of EGR (Exhaust Gas Recirculation) + DPF (Diesel Particulate Filter) + DOC (Diesel Oxidation Catalyst) + SCR (Selective Catalytic Reduction) with regeneration without burner.

### AXLES and BRAKING SYSTEM:

- Axles with 8 Stud Hub with maximum permissible load:
  - front: 15388 lbs
  - rear: 14330 lbs
- SCD - Stability Control Device system for locking/unlocking the rear axle oscillation by means of hydraulic cylinders controlled by in-cab button.
- 100% Front and rear Diff lock with electro-hydraulic in-cab control.
- 6-Discs Oil immersed brakes system.
- Negative parking brake.

### TRANSMISSION and STEERING:

- Continuously variable hydrostatic transmission with two-speed mechanical gearbox (work and transfer gear)
- ECO-MODE system to provide efficiency savings when travelling between worksites by lowering engine RPM when travelling at 25 mph
- Electronic recognition of wheel alignment and in-cab selector of steering mode
- Selectable steering mode:
  - 2-wheel steer (only front)
  - 4-wheel steer
  - Crab steer



## Standard equipment:

### HYDRAULIC SYSTEM:

- Piston pump and motor, in closed circuit, for the front-mounted equipment.
- Piston pump and motor, in closed circuit, for the machine transmission .
- Gear pump, in open circuit, for the equipment movements .
- Gear pump, in open circuit, for the breaking system.
- Gear pump, in open circuit, for the steering system.
- Pressurised inlet and outlet filter for closed circuits with filter blockage indicator.
- In line high pressure filter for the hydraulic valve block protection with filter blockage indicator.
- Hydraulic oil flow (0-100 %) control of the equipment hydraulic circuit by in-cab potentiometer.
- Modular 5-section hydraulic valve block:
  - n° 4 proportional elements
  - n° 1 ON/OFF element
- Boom suspension system with nitrogen accumulators.
- Floating movement function of the cutting head tilting.
- Hydraulic oil temperature display.

### STANDARD CAB:

- recuperare testo

DESCRIPTION	PRICE
<b>ILF KOMMUNAL</b>  STANDARD CABIN DEUTZ TCD 3.6 STAGE V	<b>\$ 210,569.00</b>



## Optional Cabin:

### PRESTIGE CAB:



\* Display with one camera for back view



\*\*\* Roof window with grille



### IN ADDITION TO STANDARD CAB:

- Windshield wiper
- Floating - device (button) for cutting head
- Snow blade key
- Front glass curtain
- Bluetooth/DAB radio
- USB socket
- Porthole with curtain and windscreen wiper
- Cup holder
- 4 working lights
- Cabin Crew Interior Mirror
- Reverse foot-pedal
- Beacon support
- Reversing camera ( from APRIL 2024)
- Cruise Control ( from APRIL 2024)



\*\*\* Seat GRAMMAR MAXIMO  
EVOLUTION DYNAMIC

DESCRIPTION	PRICE
PRESTIGE Cabin	<b>\$ 12,865.00</b>
<b>Cod. ENG00701000056</b>	





## Options:



DESCRIPTION	PRICE
Windshield glass in Hammer glass (Special polycarbonate)  <b>Cod. ENG0KT01001064</b>	<b>\$ 2,636.00</b>



DESCRIPTION	PRICE
Right side glass in Hammer glass (Special polycarbonate and steel frame)  <b>Cod. ENG0KT01001066</b>	<b>\$ 2,661.00</b>



DESCRIPTION	PRICE
Back right side glass in Hammer glass (Special polycarbonate)  <b>Cod. ENG0KT01001065</b>	<b>\$ 1,449.00</b>

## Homologations:



DESCRIPTION	PRICE
Certification USA <b>Cod. ENGOKT01000317</b>	<b>\$ 891.00</b>



DESCRIPTION	PRICE
Special Lights-kit USA certification <b>Cod. ENGOKT01000703</b>	<b>\$ 2,650.00</b>



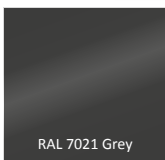
## Option on 1<sup>st</sup> set up:



DESCRIPTION	PRICE
Mineral hydraulic oil <b>Cod. ENG20101000004</b>	<b>STANDARD</b>

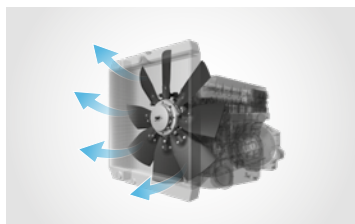


RAL 2011 Orange



RAL 7021 Grey

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





DESCRIPTION	PRICE
Reversible fan <b>Cod. ENG0KT01000281</b>	<b>\$ 5,040.00</b>



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



DESCRIPTION	PRICE
<p>Tires </p> <p><b>** NOKIAN 460/65 R24</b></p> <p>Machine width 89"</p> <p><b>Cod. ENG0KT01000385</b></p>	<p><b>\$ 5,143.00</b></p>
<p>Tires </p> <p><b>** ALLIANCE 600/50 - 22,5</b></p> <p>331 8 F offset - 25</p> <p>Machine width 97"</p> <p><b>Cod. ENG0KT01000319</b></p>	<p><b>\$ 1,375.00</b></p>

**\*\* in addition to the machine price**



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



\* Suitable only for Fast  
and Compact telescopic booms

DESCRIPTION	PRICE
<p>* Set proportional adjustment for shockproof system on the boom</p> <p><b>Cod. E007KT000200</b></p>	<b>\$ 1,772.00</b>



DESCRIPTION	PRICE
<p><b>SNOW BLADE KEY</b> Allows to use implements while on 2<sup>nd</sup> gear (NO PTO). When steering mode is concentric, speed limit is 12 mph. The crab steering mode is deactivated.</p> <p><b>Cod. ENG0KT01000024</b></p>	<b>\$ 452.00</b>

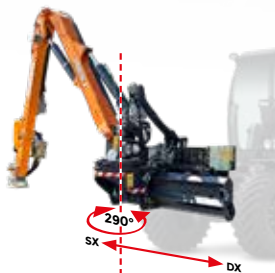
DESCRIPTION	PRICE
<p><b>HEAVY DUTY PUMP + SNOW BLADE KEY</b></p> <p>Click 1 : Allows to use implements while on 2nd gear. When steering mode is concentric, speed limit is 12 mph. the crab steering mode is deactivated.</p> <p>Click 2: Allows and adds to click 1 the use of the heavy duty pump PTO.</p> <p><b>Cod. ENG0KT01001054</b></p>	<b>\$ 900.00</b>



## Telescopic Boom:



DESCRIPTION	PRICE
BOOM FAST 7 Total length 24 ft 1 telescopic extension  <b>Cod. ENG03501000014</b>	<b>\$ 36,887.00</b>



DESCRIPTION	PRICE
BOOM ORBITAL 8 (with side-shift mechanism) Total length 26' 1 telescopic extension RIGHT AND LEFT WORK  <b>Cod. ENG03501000058</b>	<b>\$ 59,231.00</b>



KOMMUNAL BOOMS DO NOT INCLUDE  
THE 180° ROTATOR





## Attachments:



ROTATOR NOT INCLUDED



DESCRIPTION	PRICE
Cutting head NEW SPEED 120 (47") <b>ROTOR NOT INCLUDED</b>	<b>\$ 7,697.00</b>
Working width	44 in
Max. rotor speed	3000 rpm
Max. absorbed power	89 HP
Pistons hydraulic motor	2.5 HP/5075 PSI
Support roller diameter	5.5 in
Standard weight	700 lbs
Cutting head hydraulic motor 2.5 HP NEW SPEED + hoses <b>Cod. ENG01301000016</b>	<b>\$ 2,321.00</b>
Weight	66 lbs



DESCRIPTION	PRICE
MULTI Y-BLADES rotor 47" through bushing Complete equipped with 16 sets <b>Cod. ENG0KT01001284</b>	<b>\$ 2,671.00</b>
HALF-TURN blade 47" rotor equipped with 22 sets <b>Cod.ENG0KT01001281</b>	<b>\$ 2,297.00</b>
TURNING HAMMERS 47" rotor equipped with 22 sets <b>Cod. ENG01301000216</b>	<b>\$ 4,266.00</b>



## Attachments:



**ROTATOR NOT INCLUDED**



DESCRIPTION	PRICE
Cutting head NEW SPEED 150 (59") <b>ROTOR NOT INCLUDED</b>	<b>\$ 8,600.00</b>
Working width	56 in
Max. rotor speed	3000 rpm
Max. absorbed power	99 HP
Pistons hydraulic motor	2.5 HP/5075 PSI
Support roller diameter	5.5 in
Standard weight	790 lbs
Cutting head hydraulic motor 2.5 HP NEW SPEED + hoses <b>Cod. ENG01301000016</b>	<b>\$ 2,321.00</b>
Weight	66 lbs



DESCRIPTION	PRICE
MULTI Y-BLADES 59" rotor Includes 22 sets <b>Cod. ENG0KT01001285</b>	<b>\$ 3,016.00</b>
HALF-TURN blade 59" rotor Includes 24 sets <b>Cod. ENG0KT01001282</b>	<b>\$ 2,874.00</b>
TURNING HAMMERS 59" rotor. Includes 26 sets <b>Cod. ENG04001000002</b>	<b>\$ 4,843.00</b>



## Attachments:



DESCRIPTION	PRICE
Hydraulic rotator equipped with: <ul style="list-style-type: none"><li>- Motor</li><li>- Valves</li><li>- Quick couplings</li><li>- Attachments plates</li></ul> <b>Cod. E00301370000</b>	<b>\$ 4,452.00</b>
Weight	180 lbs



DESCRIPTION	PRICE
Electro-hydraulic opening <b>Cod. E00301371400</b>	<b>\$ 1,349.00</b>



DESCRIPTION	PRICE
* Front chain protection for cutting head Mod. New Speed 47" includes: <ul style="list-style-type: none"><li>- Galvanized steel support</li><li>- screws</li><li>- 47" chains</li></ul> <b>Cod. E207003NS120</b>	<b>\$ 658.00</b>
Weight	31 lbs
* Front chain protection for cutting head Mod. New Speed 150 cm includes: <ul style="list-style-type: none"><li>- Galvanized steel support</li><li>- screws</li><li>- 59" chains</li></ul> <b>Cod. E207003NS150</b>	<b>\$ 727.00</b>
Weight	46 lbs

\* In addition to rubber protections.



## Additional accessories, only on 1<sup>st</sup> set-up:



DESCRIPTION	PRICE
<p>S.P.P. electronic system for boom suspension (Suspension Proportional Potentiometer)</p> <p>The system allows the flotation of the boom and the automatic adjustment according to the terrain</p> <p><b>Cod. E459SPP00000</b></p>	<p><b>\$ 9,284.00</b></p>



DESCRIPTION	PRICE
<p>Automatic lubrication system with 10 greasing points.</p> <p>(The system lubricates the boom only)</p> <p><b>Cod. ENG0KT01000386</b></p>	<p><b>\$ 5,401.00</b></p>



DESCRIPTION	PRICE
<p>Automatic lubrication system for Orbital boom</p> <p>(The system lubricates the boom and the sideshift, the system is installed on the removable part of the boom)</p> <p><b>Cod. ENG0KT01000799</b></p>	<p><b>\$ 5,896.00</b></p>



DESCRIPTION	PRICE
<p>Hydraulic quick couplings plane face on the boom (n° 2 Female 1" + n° 2 Male 1" + 1 Female 3 1/4" 1 Male 3 1/4" + 2 Female 3/8" + 2 Male 3/8" + 2 Female 1/4" + 2 Male 1/4")</p> <p><b>Cod. E620KITBRA02</b></p>	<p><b>\$ 2,224.00</b></p>

Additional accessories, only on 1<sup>st</sup> set-up:



DESCRIPTION	PRICE
Fire extinguisher 4.5 lbs CO <sub>2</sub>  Included in Cabin	<b>STANDARD</b>



## Front attachments:



DESCRIPTION	PRICE
<p>Lifter mod. HERCULES equipped with:</p> <ul style="list-style-type: none"><li>- front hydraulic bi-directional PTO CAT.II</li><li>- Adjustable third point</li><li>- Bushing for quick-change</li></ul> <p>Multi-coupling plate FASTER movable part 10 positions equipped with:</p> <ul style="list-style-type: none"><li>- Galvanised steel support</li><li>- Flexible hydraulic tubes</li><li>- 4 x 1/2" female joints agricultural series</li><li>- 1 x 7-pole outlet</li></ul> <p><b>Cod. E00703802700</b></p>	<p><b>\$ 23,696.00</b></p>



DESCRIPTION	PRICE
<p>Lights bar for lifter equipped with:</p> <ul style="list-style-type: none"><li>- Galvanised steel support</li><li>- Electric system with 7 pole socket</li><li>- Headlights homologated for street use</li></ul> <p><b>Cod. E00303000200</b></p>	<p><b>\$ 1,369.00</b></p>



## Rear attachments:



DESCRIPTION	PRICE
Removable front chassis for universal attachment  <b>Cod. E00700100900</b>	<b>\$ 5,010.00</b>



DESCRIPTION	PRICE
Loader frame, complete with hydraulic quick coupling/release end accessory not included (example: Bucket - Fork, etc...)  <b>Cod. ENG03801000073</b>	<b>\$ 24,238.00</b>



DESCRIPTION	PRICE
Bucket mod. 4 X 1 Capacity: 10 ft <sup>3</sup> Width: 90"  <b>Cod. E00703803300</b>	<b>\$ 9,520.00</b>





## Front attachments:



DESCRIPTION	PRICE
<p>Raiber Discovery 840 with flat quick hydraulic couplings. DIN 76060B plate, 33", <u>closed circuit</u>. It can be installed on any existing Kommunal without further preparations.</p> <p><b>Cod. ENG01201000074</b></p>	<p><b>\$ 39,137.00</b></p>
<p>Hydraulic disc opening with automatic return into the working position</p> <p><b>Cod. E00300500800</b></p>	<p><b>\$ 4,549.00</b></p>



DESCRIPTION	PRIX
<p>Side mowing disc mod. SHREK with hydraulic opening</p> <p><b>Cod. ENG03801000204</b></p>	<p><b>\$ 19,236.00</b></p>
<p>Side mowing disc mod. SHREK without hydraulic opening</p> <p><b>Cod. ENG03801000205</b></p>	<p><b>\$ 16,618.00</b></p>

DESCRIPTION	PRICE
<p>Lights bar for lifter equipped with:</p> <ul style="list-style-type: none"><li>- Galvanised steel support</li><li>- Electric system with 7 pole socket</li><li>- Headlights homologated for street use</li></ul> <p><b>Cod. ENG0KT01001031</b></p>	<p><b>\$ 1,369.00</b></p>



## Rear attachments:



DESCRIPTION	PRICE
Blower complete with parallelogram, quick couplings and hydraulic system. It includes salt spreader function.  <b>Cod. ENG0KT01000617</b>	<b>\$ 9,194.00</b>



DESCRIPTION	PRICE
Hydraulic system for blower or salt spreader complete with hydraulic system - 10 gal, 2600 PSI and 3 couplings P (pressure/delivery), T (return) and D (drainage with line connected to the tank).  <b>Cod. ENG0KT01000321</b>	<b>\$ 3,438.00</b>



**ILF ALPHA**



**173 HP**



EUSDP000100 - 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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Professional Machines



**ILF ALPHA** 

**PROFESSIONAL  
VEGETATION MT MACHINE**



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

## ILF **ALPHA**

**ILF Alpha E** is a self-propelled tool carrier equipped with the telescopic boom T10 suitable for the installation of various attachments to operate in the control of vegetation. A fundamental and unique feature of its kind is the possibility of rotating the cabin up to 90° with respect to the longitudinal axis of the machine in order to give the operator maximum visibility and comfort while working. This self-propelled machine is equipped with the latest generation John Deere engine that provides **173 HP** in compliance with the **EPA Tier 4** anti-pollution regulations. It is possible to equip the machine with a lifter installed on the front.





## Standard equipment:

### MACHINE:

- LED daytime running lights
- Rear box for battery
- LED rear lights for road traffic
- LED blinking lights (white/yellow) all around the machine
- Fuel tank capacity 65 gal
- AdBlue<sup>®</sup> tank capacity 6 gal
- Hydraulic oil tank capacity 79 gal
- Retractable folding step on the counterweight for easy refueling
- Double front steps on left and right for safe cab Ingress/Exit (right step only when the cabin is rotate)
- Large tool compartment on the right side of the machine complete with Energreen Service Toolbox
- ALLIANCE 18 PR 600/50 331 tires

### ENGINE:

- John Deere 4045CI 4.5-liter liquid-cooled in-line 4-cylinder engine
- HPCR (High-Pressure Common-Rail) injection with 4 valves per cylinder
- Engine power 173 HP (at 2200 rpm)
- Engine data control and regeneration devices management (exhaust gases treatment) integrated in the ECI - Energreen Control Interface (in-cab 10" monitor)
- FLEXXAIRE proportional hydraulic reversible fan system (AUTO and MANUAL activation)
- Separate cooling circuits (coolant - intercooler - hydraulic oil) with reinforced multi-section radiator
- 11" two-element air filter (primary and safety) and self-cleaning cyclonic prefilter
- 200 A /14 V DC alternator
- Automatic battery isolator switch
- Exhaust emissions compliant with EPA Tier 4
- EGR (Exhaust Gas Recirculation) module with throttle valve and air heat exchanger managed by ECU (Engine Control Unit)
- Exhaust system consisting of EGR (Exhaust Gas Recirculation) + DPF (Diesel Particulate Filter) + DOC (Diesel Oxidation Catalyst) + SCR (Selective Catalytic Reduction) with regeneration without burner

### AXLES AND BRAKING SYSTEM:

- Axles with 10 Stud Hub with maximum permissible load:
  - front: 19180 lbs
  - rear: 20172 lbs
- SCD - Stability Control Device system for locking/unlocking the front axle oscillation by means of hydraulic cylinders controlled by ECI
- 100% Front and rear Diff lock with electro-hydraulic in-cab control
- Axle lubrication system from a single access point in an easy position
- 8-Discs Oil immersed brakes system
- Negative parking brake

### TRANSMISSION AND STEERING:

- Continuously variable hydrostatic transmission with two-speed mechanical gearbox (work and transfer gear)
- ECO-MODE system (in second gear) to provide efficiency savings when travelling between worksites by lowering engine RPM when travelling at 25 mph
- Selectable drive modes 4wd or 2wd
- Electronic recognition of wheel alignment and selection of steering mode by pushbutton
- Selectable steering mode (by pushbutton):
  - 2-wheel steer (only front)
  - 4-wheel steer
  - Crab steer

## Standard equipment:



### HYDRAULIC SYSTEM:

- Piston pump and motor, in closed circuit, for the boom-mounted equipment
- Piston pump and motor, in closed circuit, for the machine transmission
- Gear pump, in open circuit, for the movements of the boom
- Gear pump, in open circuit, for the breaking system
- Gear pump, in open circuit, for the steering system
- Pressurised inlet and outlet filter for closed circuits with filter blockage indicator
- In line high pressure filter for the hydraulic valve block protection with filter blockage indicator
- Hydraulic oil flow (0-100 %) control of the equipment hydraulic circuit by ECI
- Modular 6-section hydraulic valve block:
  - n° 5 proportional elements (electronic piloting)
  - n° 1 hydraulic safety element (electronic piloting)
- Boom suspension system with nitrogen accumulators (always inserted)
- Floating movement function of the flail head tilting
- Hydraulic oil temperature display

### STANDARD CAB WITH GLASS ON THE ROOF:

- 90° Rotating cabin
- FOPS (ISO 3449) – ROPS (ISO 3471) cabin approval
- ECI (Energreen Control Interface) consisting of on-board computer with 10" touchscreen display, Electronic keypads for controlling the functionalities of the machine
- Tilting (in two points) and height-adjustable steering column
- Electronic direction control lever
- SEAT ACTIVO ALTO seat with air suspension and mechanical lumbar support
- Innovative and redesigned ergonomic right armrest, integrated into the seat and adjustable (with joystick housing for boom, emergency stop button and buttons for movements of front lifter (if present))
- Front windshield washer wiper
- Electronical controlled air conditioning system, pollen filter and dedicated exchanger
- Retractable sunshade on front windshield
- Left mirror
- Height-adjustable LED beacon
- Cab door with partial opening upper windshield
- Cab rear windshield partial opening and darkened with UV rays reduction treatment
- Lateral documents holder
- LED courtesy lights
- Emergency glass break hammer
- External electrical socket for 12 V DC services
- Internal 12 V DC socket
- Two-way USB socket (2x 5 V DC - 1 A)
- Clothes hangers
- DAB radio
- Special plate for magnetic cupholder



DESCRIPTION	PRICE
<b>ILF ALPHA</b> 	<b>STANDARD CABIN</b>
MOD. T10 Total length 33 ft 2 telescopic extensions	<b>\$ 278,631.00</b>
USA Standard cab with passenger seat + glass roof	
Homologation USA	
Special lights kit for USA homologation	
Fixed ballast	
  Tires ALLIANCE 18 PR 600/50 331	
Automatic lubrication system with 12 greasing points, programmable control on the boom and automatic greasing on axles	

**The flail head and the 180° rotator are not included**





DESCRIPTION	PRICE
<b>ILF ALPHA</b>	<b>STANDARD CABIN</b>
MOD. T10 Total length 33 ft 2 telescopic extensions	<b>\$ 279,781.00</b>
USA Standard cab with passenger seat + glass roof	
Homologation USA	
Special lights kit for USA homologation	
Fixed ballast	
<b>nokian</b> <b>TYRES</b>  Tires NOKIAN 600/50 R 22,5 159D	<b>\$ 279,781.00</b>
Automatic lubrication system with 12 greasing points, programmable control on the boom and automatic greasing on axles	

The flail head and the 180° rotator are not included

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



DESCRIPTION	PRICE
Fenders for tires 450 <b>Cod. ENG0KT01000915</b>	<b>\$ 2,508.00</b>
Fenders for tires 600 <b>Cod. ENG0KT01000908</b>	<b>\$ 2,610.00</b>



## ATTACHMENTS:



DESCRIPTION	PRICE
Cutting Head NEW SPEED 120 (47'') <b>ROTOR NOT INCLUDED</b>	<b>\$ 7,697.00</b>
Working width	44 in
Max. rotor speed	3000 rpm
Max. absorbed power	89 HP
Pistons hydraulic motor	3 HP/5075 PSI
Support roller diameter	5.5 in
Standard weight	700 lbs
Cutting head NEW SPEED 3 HP hydraulic motor + hoses <b>Cod. ENG01301000017</b>	<b>\$ 2,919.00</b>
Weight	66 lbs



DESCRIPTION	PRICE
MULTI Y-BLADES rotor 47'' through bushing Complete equipped with 16 sets <b>Cod. ENG0KT01001284</b>	<b>\$ 2,671.00</b>
HALF-TURN blade 47'' rotor equipped with 22 sets <b>Cod. ENG0KT01001281</b>	<b>\$ 2,297.00</b>
TURNING HAMMERS 47'' rotor equipped with 22 sets <b>Cod. ENG01301000216</b>	<b>\$ 4,266.00</b>



## ATTACHMENTS:



DESCRIPTION	PRICE
Cutting head NEW SPEED 150 (59") <b>ROTOR NOT INCLUDED</b>	<b>\$ 8,600.00</b>
Working width	56 IN
Rotor max. speed	3000 rpm
Max. absorbed power	99 HP
Pistons hydraulic motor	3 HP/5075 PSI
Support roller diameter	5.5 IN
Standard weight	790 LBS
Cutting head NEW SPEED 3 HP hydraulic motor + hoses <b>Cod. ENG01301000017</b>	<b>\$ 2,919.00</b>
Weight	66 lbs



DESCRIPTION	PRICE
MULTI Y-BLADES 59" rotor Includes 22 sets <b>Cod. ENG0KT01001285</b>	<b>\$ 3,016.00</b>
HALF-TURN blade 59" rotor Includes 24 sets <b>Cod. ENG0KT01001282</b>	<b>\$ 2,874.00</b>
TURNING HAMMERS 59" rotor. Inclu- des 26 sets <b>Cod. ENG04001000002</b>	<b>\$ 4,843.00</b>

## EQUIPMENT AND OPTIONS:



DESCRIPTION	PRICE
Hydraulic rotator equipped with: - Motor - Valves - Quick couplings - Attachment plates  <b>Cod. E00301370000</b>	<b>\$ 4,452.00</b>
Weight	180 lbs



DESCRIPTION	PRICE
Hydraulic mouth opening  <b>Cod. E00301371400</b>	<b>\$ 1,349.00</b>

## EQUIPMENT AND OPTIONS:



DESCRIPTION	PRICE
<p>* Front chain protection for flail head Mod. New Speed 120 includes:</p> <ul style="list-style-type: none"> <li>- Galvanized steel support</li> <li>- Screws</li> <li>- 47" chains</li> </ul> <p><b>Cod. E207003NS120</b></p>	<b>\$ 658.00</b>
Weight	37 lbs
<p>* Front chain protection for flail head Mod. New Speed 150 includes:</p> <ul style="list-style-type: none"> <li>- Galvanized steel support</li> <li>- Screws</li> <li>- 59" chains</li> </ul> <p><b>Cod. E207003NS150</b></p>	<b>\$ 727.00</b>
Weight	46 lbs

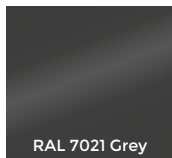
\* In addition to rubber protections.



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



DESCRIPTION	PRICE
Mineral hydraulic oil  Cod. ENG20101000017	<b>STANDARD</b>



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

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



DESCRIPTION	PRICE
<p>Quick hydraulic coupling plate face on the boom (n° 2 Female 1" + n° 2 Male 1" + 1 Female 3 1/4 + 1 Male 3 1/4 + 2 Female 3/8" + 2 Male 3/8" + 2 Female 1/4 + 2 Male 1/4)</p> <p><b>Cod. E620KITBRA02</b></p>	<p><b>\$ 2,224.00</b></p>



DESCRIPTION	PRICE
<p>Fire extinguisher 4.5 lbs CO<sub>2</sub></p>	<p><b>STANDARD</b></p>





## Rear attachments:



DESCRIPTION	PRICE
Blower equipped with quick couplings and onboard hydraulic system  Cod. ENG0KT01000725	<b>\$ 9,194.00</b>



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



DESCRIPTION	PRICE
Air filter protection Cod. ENGOKT01000786	<b>\$ 245.00</b>



**ILF ALPHA** 173HP



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Professional Machines



# ILF ALPHA

PROFESSIONAL  
VEGETATION MANAGEMENT MACHINE



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

## ILF **ALPHA**

**ILF Alpha** is a self-propelled machine equipped with a telescopic boom suitable for the installation of various attachment to operate in the control of vegetation. A fundamental and unique feature of its kind is the possibility of rotating the cabin up to 90° with respect to the longitudinal axis of the machine in order to give the operator maximum visibility and comfort during work. This self-propelled machine is equipped with the latest generation **John Deere engine** that provides **173 HP** in compliance with the **EPA Tier 4** anti-pollution regulations. In addition to the wide range of types and boom lengths, it is possible to equip the machine with different configurations to manage attachments installed at the front and rear.





## Standard equipment:

### MACHINE:

- LED daytime running lights.
- Steel reinforced rear light bar.
- Integrated LED rear lights for road traffic.
- 8 t towbar (without braking systems) – ONLY WITH “AGRICULTURAL MACHINE” APPROVAL.
- Service towbar (not homologated for road circulation) – ONLY WITHOUT “AGRICULTURAL MACHINE” APPROVAL.
- Fuel tank capacity 65 gal
- AdBlue® tank capacity 6 gal
- Hydraulic oil tank capacity 79 gal
- Retractable folding step on the counterweight for easy refueling.
- Double front steps on left and right for safe cab Ingress/Egress (right step only when the cabin is rotate).
- Large tool compartment on the right side of the machine complete with Energreen Service Toolbox.
- MICHELIN XF (18 R22,5) tires.

### ENGINE:

- John Deere 4045CI 4.5-liter liquid-cooled in-line 4-cylinder engine.
- HPCR (High-Pressure Common-Rail) injection with 4 valves per cylinder.
- Engine power 173 HP (at 2200 rpm).
- Engine data control and regeneration devices management (exhaust gases treatment) integrated in the ECI - Energreen Control Interface (in-cab 10" monitor).
- FLEXXAIRE proportional hydraulic reversible fan system (AUTO and MANUAL activation).
- Separate cooling circuits (coolant - intercooler - hydraulic oil) with reinforced multi-section radiator.
- 11" two-element air filter (primary and safety) and self-cleaning cyclonic prefilter.
- 200 A / 14 V DC alternator.
- Automatic battery isolator switch.
- Exhaust emissions compliant with EU Stage V.
- EGR (Exhaust Gas Recirculation) module with throttle valve and air heat exchanger managed by ECU (Engine Control Unit).
- Exhaust system consisting of EGR (Exhaust Gas Recirculation) + DPF (Diesel Particulate Filter) + DOC (Diesel Oxidation Catalyst) + SCR (Selective Catalytic Reduction) with regeneration without burner.

### AXLES AND BRAKING SYSTEM:

- Axles with 10 Stud Hub with maximum permissible load:
  - front: 19180 lbs
  - rear: 20172 lbs
- SCD - Stability Control Device system for locking/unlocking the front axle oscillation by means of hydraulic cylinders controlled by ECI.
- 100% Front and rear Diff lock with electro-hydraulic in-cab control.
- Centralized axle lubrication system via two easily locate access points.
- 8-Discs Oil immersed brakes system.
- Negative parking brake.

### TRANSMISSION AND STEERING:

- Continuously variable hydrostatic transmission with two-speed mechanical gearbox (work and transfer gear)
- ECO-MODE system to provide efficiency savings when travelling between worksites by lowering engine RPM when travelling at 25 mph
- Selectable drive modes 4wd or 2wd
- Electronic recognition of wheel alignment and selection of steering mode by ECI
- Selectable steering mode:
  - 2-wheel steer (only front)
  - 4-wheel steer
  - Crab steer



## Standard equipment:

### HYDRAULIC SYSTEM:

- Piston pump and motor, in closed circuit, for the boom-mounted equipment
- Piston pump and motor, in closed circuit, for the machine transmission
- Gear pump, in open circuit, for the movements of the boom
- Gear pump, in open circuit, for the breaking system
- Gear pump, in open circuit, for the steering system
- Pressurised inlet and outlet filter for closed circuits with filter blockage indicator
- In line high pressure filter for the hydraulic valve block protection with filter blockage indicator
- Hydraulic oil flow (0-100 %) control of the equipment hydraulic circuit by ECI
- Modular 6-section hydraulic valve block:
  - n° 5 proportional elements (electronic piloting)
  - n° 1 hydraulic safety element (electronic piloting)
- Boom suspension system with nitrogen accumulators
- Floating movement function of the cutting head tilting
- Hydraulic oil temperature display

### STANDARD CAB:

- 90° Rotating cabin.
- FOPS (ISO 3449) – ROPS (ISO 3471) cabin approval .
- ECI (Energreen Control Interface) consisting of on-board computer with 10" touchscreen display, PowerTrack (navigation knob) and electronic keypads for controlling the functionalities of the machine and the engine.
- Tilting (in two points) and height-adjustable steering column.
- Electronic direction control lever.
- GRAMMER MAXIMO XXL seat with air suspension and adjustable lumbar shock absorber.
- Innovative and redesigned ergonomic right armrest, integrated into the seat and adjustable (with joystick housing for boom, fingertip joysticks housing for machine settings and mini-joystick housing for front hydraulic functions if the machine is equipped with front options).
- Front windshield washer wiper.
- Electronical controlled air conditioning system, pollen filter and dedicated exchanger.
- Retractable sunshade on front windshield.
- Left mirror.
- Right mirror – ONLY WITH "AGRICULTURAL MACHINE" APPROVAL
- Height-adjustable LED beacon
- Cab door with partial opening upper window
- Cab rear window partial opening and darkened with UV rays reduction treatment
- Lateral documents holder
- Automatic LED courtesy lights (LED courtesy lights with automatic switch-on system (door opening)
- Emergency glass break hammer
- External electrical socket for 12 V DC services
- Internal 12 V DC socket
- Two-way USB socket (2x 5 V DC - 1 A)
- Clothes hangers



DESCRIPTION	PRICE
Passenger seat <i>(It is a courtesy seat not suitable for circulating on the roads)</i>  <b>Cod. ENG70204000037</b>	<b>\$ 1,088.00</b>



## Optional Cabin: PRESTIGE CAB:



\* Reversing camera



\*\*\* Rire extinguisher



\*\* Roof window with grill



### IN ADDITION TO STANDARD CAB:

- Cruise Control
- Instant reverse pedal
- DAB/Bluetooth stereo complete with handsfree
- 6 LED working lights (2 cab + 1 boom + 1 rightside rear hood + 2 rear lights bar)
- N.1 reversing camera (integrated view in the ECI) \*
- Twin LED beacon
- Roof window with safety grill, retractable sunshade and windshield wiper \*\*
- Right side window with windshield wiper
- 4.5 lbs CO<sub>2</sub> fire extinguisher \*\*\*
- GRAMMER MAXIMO EVOLUTION DYNAMIC \*\*\*\* seat with larger seat dimensions, air suspension system, longitudinal shock absorber, side suspension, lumbar shock absorber and active climate control system



\*\*\*\* Seat GRAMMAR MAXIMO EVOLUTION DYNAMIC

DESCRIPTION	PRICE
PRESTIGE Cabin	
<b>Cod. ENG00701000197 + ENG70207000008</b>	<b>\$ 12,865.00</b>

DESCRIPTION	PRICE
Cab accessories kit (cup holder, usb socjet kit 12/24V)	
<b>Cod. ENG0KT01000893</b>	<b>\$ 716.00</b>



DESCRIPTION	PRICE
Passenger seat (It is a courtesy seat not suitable for circulating on the roads)	
<b>Cod. ENG70204000037</b>	<b>\$ 1,088.00</b>





## Option:



DESCRIPTION	PRICE
Windshield glass in Hammer glass (Special polycarbonate)  <b>Cod. ENG00701000230</b>	<b>\$ 3,019.00</b>



DESCRIPTION	PRICE
Upper door glass in Hammer glass (Special polycarbonate)  <b>Cod. ENG00701000231</b>	<b>\$ 2,422.00</b>



DESCRIPTION	PRICE
Lower door glass in Hammer glass (Special polycarbonate)  <b>Cod. ENG00701000232</b>	<b>\$ 1,663.00</b>



DESCRIPTION	PRICE
Right side glass in Hammer glass (Special polycarbonate)  <b>Cod. ENG00701000227</b>	<b>\$ 2,489.00</b>



DESCRIPTION	PRICE
<b>ILF ALPHA</b> Boom mod. T	<b>STANDARD CABIN</b>
ALPHA T10 Total length 33 ft 2 telescopic extensions	<b>\$ 287,686.00</b>
ALPHA T12 Total length 39 ft 3 telescopic extensions	<b>\$ 310,114.00</b>

**N.B.**

**THE CUTTING HEAD AND THE 180° ROTATOR  
ARE NOT INCLUDED**



DESCRIPTION	PRICE
<b>ILF ALPHA</b> Boom mod. F	<b>STANDARD CABIN</b>
ALPHA F11 Total length 36 ft 2 telescopic extensions	<b>\$ 323,618.00</b>
ALPHA F12 Total length 39 ft 2 telescopic extensions	<b>\$ 336,479.00</b>

**N.B.**

**THE CUTTING HEAD AND THE 180° ROTATOR  
ARE NOT INCLUDED**

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

## 180° BOOM ROTATION:



AVAILABLE FOR ALL BOOM GEOMETRIES



DESCRIPTION	PRICE
180° Boom rotation	<b>\$ 7,859.00</b>
<p>The 180° boom rotation easily and quickly allows the operator to place the telescopic boom and its Flail Head anywhere on the side and to the front of the Alpha machine: boosting visibility, working efficiency and safety.</p>	



TELESCOPIC  
BOOM

**T**



TELESCOPIC  
BOOM

**F**



TELESCOPIC  
BOOM

**3P**

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

EASY - RIDE:



TRANSFER MODE



WORK MODE



WORK MODE

DESCRIPTION	PRICE
Suspended front axle	\$ 15,718.00
<p>Front Suspended Axle (Easy Ride system) is automatically activated in all transfers of the machine, and/or when the second gear is activated. The system allows a vertical front axle movement of 4,3 in, for a perfect cushioning result during transfers.</p>	
<p>When in work mode the front axle automatically locks left and right suspensions to maximize working stability and safety.</p>	
<p>The system allows you to unlock the suspension on the right while keeping that of the side boomrest locked (on the left).</p> <p>When working on uneven terrain, this system guarantees greater support to the ground and maximum grip.</p>	

# Homologations:



DESCRIPTION	PRICE
HomologationUSA <b>Cod. ENG0KT01000940</b>	<b>\$ 1,025.00</b>





DESCRIPTION	PRICE
Special lights Kit USA homologation <b>Cod. ENG0KT01000705</b>	<b>\$ 2,483.00</b>



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



DESCRIPTION	PRICE
<p>Tires</p> <p><b>** ALLIANCE 18 PR</b></p> <p>600/50 331</p> <p><b>Cod. ENG0KT01000299</b></p>	<p></p> <p><b>\$ 1,513.00</b></p>
<p>Tires</p> <p><b>** NOKIAN COUNTRY KING</b></p> <p>600/50 R 22,5 10F</p> <p><b>Cod. ENG0KT01000438</b></p>	<p></p> <p><b>\$ 2,661.00</b></p>

**\*\* In addition to the machine price as difference**

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



DESCRIPTION	PRICE
Mudguards for tires 450 <b>Cod. ENG0KT01000915</b>	<b>\$ 2,508.00</b>
Mudguards for tires 600 <b>Cod. ENG0KT01000908</b>	<b>\$ 2,610.00</b>



DESCRIPTION	PRICE
Additional mirror right side <b>Cod. ENG0KT01000929</b>	<b>\$ 198.00</b>

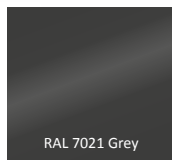




## Option on 1<sup>st</sup> set up:



DESCRIPTION	PRICE
Mineral hydraulic oil <b>Cod. ENG20101000017</b>	<b>STANDARD</b>



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



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



DESCRIPTION	PRICE
<p>SNOW BLADE KEY + <b>HEAVY DUTY WORK MODE</b></p> <p>Snow blade key allows the enabling of the frontal distributor while on 2<sup>nd</sup> gear; when steering is concentric, speed limit is 12 mph. Heavy Duty key allows the enabling of Work Mode while on 2<sup>nd</sup> gear, reducing max speed to 12 mph</p> <p><b>Cod. ENG0KT01001023</b></p>	<p><b>\$ 1,966.00</b></p>



DESCRIPTION	PRICE
<p>Compressor air set with tank (3 gal)</p> <p><b>Cod. ENG0KT01001011</b></p>	<p><b>\$ 4,802.00</b></p>



DESCRIPTION	PRICE
<p>Ultra-bright working lights (10 lights 50 watt)</p> <p><b>Cod. ENG0KT01000864</b></p>	<p><b>\$ 7,484.00</b></p>



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



DESCRIPTION	PRICE
Dig function for STANDARD and COMFORT cabin The set up is not possible if the machine is equipped with passenger seat and left armrest  <b>Cod. ENG0KT01000891</b>	<b>\$ 2,869.00</b>
Dig function for PRESTIGE cabin (seat ENG70207000008)  <b>Cod. ENG0KT01001000</b>	



DESCRIPTION	PRICE
S.P.P. electronic system for boom suspension (Suspension Proportional Potentiometer)  The system allows the flotation of the boom and the automatic adjustment according to the terrain  <b>Cod. ENG0KT01000720</b>	<b>\$ 9,605.00</b>



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



DESCRIPTION	PRICE
Automatic lubrication system with 12 greasing points, on the boom and automatic greasing on axles (For boom mod. T)  <b>Cod. ENG0KT01001073</b>	<b>\$ 6,060.00</b>
Automatic lubrication system with 15 greasing points, on the boom and automatic greasing on axles (For booms mod. 3P e F)  <b>Cod. ENG0KT01000991</b>	<b>\$ 6,338.00</b>



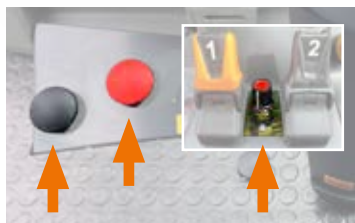
DESCRIPTION	PRICE
Quick hydraulic coupling plate face on the boom (n° 2 Female 1" + n° 2 Male 1" + 1 Female 3 1/4" + 1 Male 3 1/4" + 2 Female 3/8" + 2 Male 3/8" + 2 Female 1/4" + 2 Male 1/4")  <b>Cod. E620KITBRA02</b>	<b>\$ 2,224.00</b>



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



DESCRIPTION	PRICE
LS PUMP FOR BOOM MOVEMENTS (distributor LS, for 50% faster movements)	<b>\$ 5,860.00</b>



DESCRIPTION	PRICE
Additional hydraulic system (open circuit) on the 26 gal boom 3900 PSI, suggested for Extra Trunk, Mower Bucket, Conveyor Head etc. (various attachments) <b>LS PUMP REQUIRED</b>	
<b>Cod. ENG0KT01001286</b> (Boom T10)	<b>\$ 3,699.00</b>
<b>Cod. ENG0KT01001287</b> (Boom F11)	
<b>Cod. ENG0KT01001288</b> (Boom F12)	
<b>Cod. ENG0KT01001289</b> (Boom 3P)	
<b>Cod. NG0KT01001290</b> (Boom F11 - 180°)	
<b>Cod : ENG0KT01001291</b> (Boom F12 - 180°)	



NOT AVAILABLE FOR T12 BOOM



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



DESCRIPTION	PRICE
<p>Movable BALLAST Hydraulic drive device through cab control, for displacing the counterweight mass in opposition to the boom of the machine. The total maximum weight of the counter weight swing can reach up to 5500 lbs (it depends on the length of the boom). The mass displacement is of 24" by means of a robust telescopic frame cohesive with the bearing frame of the machine.</p> <p><b>Cod. ENG00101000477</b></p>	<p><b>\$ 15,396.00</b></p>



DESCRIPTION	PRICE
<p>Fire extinguisher 4,5 lbs CO<sub>2</sub></p> <p><b>Cod. ENG0KT01000605</b></p> <p>Already included only with Prestige Cabin</p>	<p><b>\$ 220.00</b></p>



## Front attachments:

### OPTION A



#### DESCRIPTION

##### OPTION A

##### Hercules front lifter

- Piloted by right mini-joystick
- Boom floating function
- Lifting capacity
  - 6116 lbs overhang 0"
  - 3815 lbs overhang 19"
  - 2860 lbs overhang 39"

##### Mechanical PTO

##### hydraulically powered

- Bidirectional rotation
- 1000 rpm
- Powered by dedicated closed circuit pump

##### Auxiliary hydraulic lines

- Piloted by right mini-joystick
- 2 X 6 gal/min @ 2755/2755 PSI - double effect
- Faster "agri" quick couplings m - 1/2"
- Front distributor power supply in conjunction with primary distributor (boom movements)

##### Auxiliary headlight bar for road circulation

**Cod. ENG03001000051**

#### PRICE

**\$ 27,603.00**

#### DESCRIPTION

OPTION A + Lift suspension

**Cod. ENG0KT01000854**

#### PRICE

**\$ 28,994.00**



## Front attachments:

### OPTION B



#### DESCRIPTION

##### OPTION B

##### Hercules front lifter

- Piloted by right mini-joystick
- Boom floating function
- Lifting capacity
  - 6116 lbs overhang 0"
  - 3815 lbs overhang 19"
  - 2860 lbs overhang 39"

##### Heavy Duty direct outputs

- Bi-directional working possibility
- 37 gal/min @ 4930 PSI
- Powered by dedicated closed circuit pump
- "Screw-on flat face" quick couplings m/f - 1"1/4 for HD
- "Flat face" quick coupling m - 3/4" for drain

##### Auxiliary hydraulic lines

- Piloted by right mini-joystick
- 2 X 6 gal/min @ 2755/2755 PSI - double effect
- Faster "agri" quick couplings m - 1/2"
- Front distributor power supply in conjunction with primary distributor (boom movements)

##### Auxiliary headlight bar for road circulation

**Cod. ENG03001000055**

#### PRICE

**\$ 21,924.00**



## Front attachments:



DESCRIPTION	PRICE
LED lights bar for lifter <b>Cod. ENG00101000440</b>	<b>\$ 3,602.00</b>



## Front attachments:

### OPTION M



**THIS OPTION ALSO ALLOWS YOU TO  
INSTALL RAIBER**

### DESCRIPTION

#### OPTION M

##### Hercules front lifter

- Piloted by right mini-joystick
- Boom floating function
- Lifting capacity
  - 6116 lbs overhang 0"
  - 3815 lbs overhang 19"
  - 2860 lbs overhang 39"

##### Mechanical PTO hydraulically powered

- Bidirectional rotation
- 1000 rpm
- Powered by dedicated closed circuit pump

##### Auxiliary hydraulic lines

- Piloted by right mini-joystick
- 1 X 10 gal/min @ 2610/2610 PSI - double effect
- 1\* X 17 gal/min @ 1160/2900 PSI - double effect + floating
- 1 X 6 gal/min @ 1885/1885 PSI - double effect
- 1 X 10 gal/min @ 3045/3190 PSI - double effect
- 1 X 17 gal/min @ 1160/2755 PSI - double effect + floating
- "Flat face" quick couplings m - 3/8"
- Front distributor power supply in conjunction with primary distributor (boom movements)

##### Continuous hydraulic outputs in open circuit

- On/off piloting by keyboard keys
- Mono-directional working
- 2 X 12 gal/min @ 3045 PSI
- "Flat face" quick couplings m - 1/2"
- Powered by dedicated open circuit tandem pumps

##### Auxiliary headlight bar for road circulation

\*This line is used for lifter booms movement

**Cod. ENG03001000062**

### PRICE

**\$ 37,539.00**



## Front attachments:



DESCRIPTION	PRICE
DIN Plate for Raiber attachment when OPTION M is present  Cod. ENG03601000042	<b>\$ 2,210.00</b>



## Front attachments:

### OPTION N



#### DESCRIPTION

##### OPTION N

##### Mechanical PTO

##### hydraulically powered

- Bidirectional rotation
- 1000 rpm
- Powered by dedicated closed circuit pump

##### Auxiliary hydraulic lines

- Piloted by right mini-joystick
- 1 X 10 gal/min @ 2610/2610 PSI - double effect
- 1 X 17 gal/min @ 1160/2900 PSI - double effect + floating
- 1 X 6 gal/min @ 1885/1885 PSI - double effect
- 1 X 10 gal/min @ 3045/3190 PSI - double effect
- 1 X 17 gal/min @ 1160/2755 PSI - double effect + floating
- "Flat face" quick couplings m - 3/8"
- Front distributor power supply in conjunction with primary distributor (boom movements)

##### Auxiliary headlight bar for road circulation

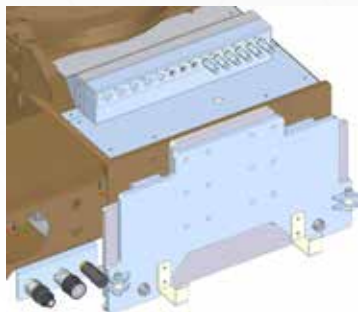
**Cod. ENGOKT01000867**

#### PRICE

**\$ 24,791.00**



## Front attachments:



DESCRIPTION	PRICE
<p><b>Predisposition Raiber system + hydraulic PTO + DIN plate</b></p> <ul style="list-style-type: none"><li>• Type 76060B</li></ul> <p><b>Hydraulic PTO with direct outputs Heavy Duty</b></p> <ul style="list-style-type: none"><li>• Bidirectional rotation</li><li>• 40 gal/min @ 4930 PSI dedicated</li><li>• Powered by dedicated closed circuit pump</li><li>• "Screw-on flat face" quick couplings m/f - 1'1/4 for HD</li><li>• "Flat face" quick coupling f - 3/4" for drain</li></ul> <p><b>Auxiliary hydraulic lines</b></p> <ul style="list-style-type: none"><li>• Piloted by right mini-joystick</li><li>• 1x 10 gal/min @ 2610/2610 PSI double effect</li><li>• 1 x 17 gal/min @ 1160/2900 PSI double effect + floating</li><li>• 1 x 6 gal/min @ 1885/1885 PSI double effect</li><li>• 1 x 10 gal/min @ 2045/3190 PSI double effect</li><li>• 1 x 17 gal/min @ 1160/2755 PSI double effect + floating</li><li>• "Flat face" quick couplings f - 3/8"</li><li>• Front distributor power supply in parallel with primary distributor (boom movements)</li></ul> <p><b>Cod. ENG0KT01000999</b></p>	<p><b>\$ 31,260.00</b></p>



## Front attachments:



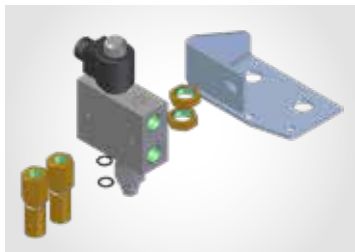
DESCRIPTION	PRICE
<p>Hydraulic system for Raiber DISCOVERY 840 equipped with pump, distributor, quick couplings set and DIN 76060 B plate</p> <p><b>Cod. ENG0KT01000749</b></p>	<p><b>\$ 16,331.00</b></p>
<p>Raiber Discovery 840 with quick hydraulic couplings plate face. DIN 76060A plate, mowing discs diameter 33"</p> <p>- <u>MANDATORY LIGHT BAR IS INCLUDED</u> <u>Cod. ENG0KT01000825</u> -HYDRAULIC SYSTEM NOT INCLUDED</p> <p><b>Cod. E00301202700</b></p>	<p><b>\$ 35,642.00</b></p>
<p>Hydraulic disc opening with automatic return into the working position</p> <p><b>Cod. E00300500800</b></p>	<p><b>\$ 4,549.00</b></p>



## Rear attachments:



DESCRIPTION	PRICE
<p>Blower equipped with quick couplings and onboard hydraulic system</p> <p><b>Cod. ENG0KT01000725</b></p>	<p><b>\$ 9,194.00</b></p>



DESCRIPTION	PRICE
<p>Hydraulic predisposition for blower</p> <p><b>Cod. ENG03801000148</b></p>	<p><b>\$ 3,005.00</b></p>

Rear attachments:



DESCRIPTION	PRICE
Tow hook WITHOUT BRAKING  <b>Cod. ENGOKT01000878</b>	<b>\$ 903.00</b>





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



DESCRIPTION	PRICE
Air filter protection Cod. ENG0KT01000786	<b>\$ 245.00</b>





**ILF ATHENA** 220HP





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



# ILF **A**THENA

PROFESSIONAL  
VEGETATION MANAGEMENT MACHINE



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

# ILF **A**THENA

**ILF Athena** is a self-propelled machine equipped with a telescopic boom suitable for the installation of various attachments to operate in the control of vegetation. A fundamental and unique feature of its kind is the possibility of rotating the cabin up to 90° with respect to the longitudinal axis of the machine in order to give the operator maximum visibility and comfort during work.

This self-propelled machine is equipped with the latest generation **Deutz engine** that provides **220 HP** in compliance with the **EPA Tier 4** anti-pollution regulations. In addition to the two types and boom lengths, it is possible to equip the machine with different configurations to manage attachments installed at the front and rear.





## Standard equipment:

### MACHINE:

- LED daytime running lights
- LED rear lights for road traffic
- Service towing hook (not homologated for road circulation)
- Fuel tank capacity 83 gal
- AdBlue® tank capacity 8 gal
- Hydraulic oil tank capacity 87 gal
- Retractable folding step on the counterweight for easy refueling
- Double front steps on left and right for safe cab Ingress/Egress (right step only when the cabin is rotate)
- Tool compartment on the right side of the machine complete with Energreen Service Toolbox
- MICHELIN XF tires

### ENGINE:

- Deutz TCD 6.1 6,1-liter liquid-cooled in-line 6-cylinder engine
- Common-Rail injection with 4 valves per cylinder
- Engine power 220 HP (at 2200 rpm)
- Engine data control and regeneration devices management (exhaust gases treatment) integrated in the ECI - Energreen Control Interface (7" monitor on steering wheel)
- FLEXXAIRE hydraulic reversible fan system (MANUAL activation)
- Separate cooling circuits (coolant - intercooler - hydraulic oil) with reinforced multi-section radiator
- 11" two-element air filter (primary and safety) and self-cleaning cyclonic prefilter
- 150 A / 14 V DC alternator
- Automatic battery isolator switch
- Exhaust emissions compliant with EPA Tier 4
- EGR (Exhaust Gas Recirculation) module with throttle valve and air heat exchanger managed by ECU (Engine Control Unit)
- Exhaust system consisting of EGR (Exhaust Gas Recirculation) + DPF (Diesel Particulate Filter) + DOC (Diesel Oxidation Catalyst) + SCR (Selective Catalytic Reduction) with regeneration without burner

### AXLES and BRAKING SYSTEM:

- Axles with 10 Stud Hub with maximum permissible load:
  - front: 24471 lbs
  - rear: 26455 lbs
- SCD - Stability Control Device system for locking/unlocking the front axle oscillation by means of hydraulic cylinders controlled by ECI
- 100% Front and rear Diff lock with electro-hydraulic in-cab control
- 6-Discs Oil immersed brakes system
- Negative parking brake

### TRANSMISSION and STEERING:

- Continuously variable hydrostatic transmission with two-speed mechanical gearbox (work and transfer gear)
- ECO-MODE system to provide efficiency savings when travelling between worksites by lowering engine RPM when travelling at 25 mph
- Selectable drive modes 4wd or 2wd
- Electronic recognition of wheel alignment and selection of steering mode by ECI
- Selectable steering mode:
  - 2-wheel steer (only front)
  - 4-wheel steer
  - Crab steer





## Standard equipment:

### HYDRAULIC SYSTEM:

- Piston pump and motor, in closed circuit, for the boom-mounted equipment
- Piston pump and motor, in closed circuit, for the machine transmission
- Load Sensing piston pump, in open circuit, for the movements of the boom
- Gear pump, in open circuit, for the breaking system
- Gear pump, in open circuit, for the steering system
- Pressurised inlet and outlet filter for closed circuits with filter blockage indicator
- In line high pressure filter for the hydraulic valve block protection with filter blockage indicator
- Hydraulic oil flow (0-100 %) control of the equipment hydraulic circuit by ECI
- Modular 7-section hydraulic valve block:
  - n° 5 proportional elements (electronic piloting)
  - n° 1 ON/OFF element
  - n° 1 hydraulic safety element (electronic piloting)
- Boom suspension system with nitrogen accumulators
- Floating movement function of the cutting head tilting
- Hydraulic oil temperature display

### STANDARD CAB:

- 90° Rotating cabin.
- FOPS (ISO 3449) – ROPS (ISO 3471) cabin approval.
- ECI (Energreen Control Interface) consisting of on-board computer, PowerTrack (navigation knob) and electronic keypads for controlling the functionalities of the machine and the engine.
- Tilting and height-adjustable steering column.
- Electronic direction control lever.
- GRAMMER MAXIMO XXL seat with air suspension and adjustable lumbar shock absorber.
- Innovative and redesigned ergonomic right armrest, integrated into the seat and adjustable (with joystick housing for boom and mini-joystick housing for front hydraulic functions if the machine is equipped with front options).
- Front windshield washer wiper.
- Electronical controlled air conditioning system, pollen filter and dedicated exchanger.
- Left mirror.
- Height-adjustable LED beacon.
- Cab door with partial opening upper window.
- Cab rear window partial opening and darkened with UV rays reduction treatment.
- Lateral documents holder.
- Automatic LED courtesy lights.
- Emergency glass break hammer.
- External electrical socket for 12 V DC services.
- Internal 12 V DC socket.
- Two-way USB socket (2x 5 V DC - 1 A).
- Clothes hangers.

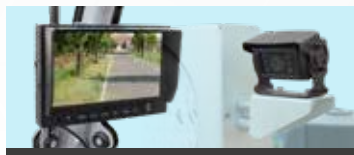


DESCRIPTION	PRICE
<p>Passenger seat (It is a courtesy seat not suitable for circulating on the roads)</p> <p><b>Cod. ENG7020400037</b></p>	<p><b>\$ 1,088.00</b></p>



## Optional Cabin:

### PRESTIGE CAB:



\* Display with one wireless camera



\*\* Roof window with grill



### IN ADDITION TO STANDARD CAB:

- Cruise Control
- Instant reverse pedal
- DAB/Bluetooth stereo complete with handsfree
- 4 LED working lights (2 cab + 1 boom + 1 hood)
- Retractable sunshade on front windshield
- N.1 reversing camera (integrated view in the ECI) \*
- Twin LED beacon
- Roof window with safety grill, retractable sunshade and windshield wiper \*\*

- Right side window with windshield wiper
- 4.5 lbs CO<sub>2</sub> fire extinguisher
- GRAMMER MAXIMO EVOLUTION DYNAMIC \*\*\* seat with larger seat dimensions, air suspension system, longitudinal shock absorber, side suspension, lumbar shock absorber and active climate control system.



\*\*\* Seat GRAMMER MAXIMO EVOLUTION DYNAMIC

DESCRIPTION	PRICE
PRESTIGE Cabin  Cod. ENG00701000075 + ENG70207000008	<b>\$ 12,991.00</b>

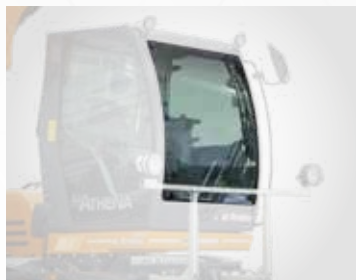


DESCRIPTION	PRICE
Passenger seat (It is a courtesy seat not suitable for circulating on the roads)  Cod. ENG70204000037	<b>\$ 1,088.00</b>





## Option:



DESCRIPTION	PRICE
Windshield glass in Hammer glass (Special polycarbonate)  <b>Cod. ENG00701000230</b>	<b>\$ 3,019.00</b>



DESCRIPTION	PRICE
Upper door glass in Hammer glass (Special polycarbonate)  <b>Cod. ENG00701000231</b>	<b>\$ 2,422.00</b>



DESCRIPTION	PRICE
Lower door glass in Hammer glass (Special polycarbonate)  <b>Cod. ENG00701000232</b>	<b>\$ 1,663.00</b>



DESCRIPTION	PRICE
Right side glass in Hammer glass (Special polycarbonate)  <b>Cod. ENG00701000227</b>	<b>\$ 2,489.00</b>



## ILF ATHENA:



DESCRIPTION	PRICE
<b>ILF ATHENA</b> Boom mod. F	<b>STANDARD CABIN</b>
ATHENA F 15 Total length 49 ft 3 telescopic extensions	<b>\$ 402,405.00</b>



**CUTTING HEAD AND 180° ROTATING  
WHEEL ARE NOT INCLUDED**



## Homologations:



DESCRIPTION	PRICE
Homologation USA <b>Cod. ENG0KT01000658</b>	<b>\$ 2,022.00</b>






DESCRIPTION	PRICE
Special lights kit USA homologation <b>Cod. ENG0KT01000704</b>	<b>\$ 2,547.00</b>



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



DESCRIPTION	PRICE
<div></div> <div>Tires MICHELIN XF 18 R22,5  <b>Cod. ENG0KT01000581</b></div>	<b>STANDARD</b>
<div></div> <div>Tires ** TRELLEBORG 650/45 T440  <b>Cod. ENG0KT01000918</b></div>	<b>\$ 2,825.00</b>
<div></div> <div>Tires ** ALLIANCE 600/50-22,5 380HD  <b>Cod. ENG0KT01000760</b></div>	<b>\$ 2,825.00</b>

\*\* In addition to the machine cost as difference



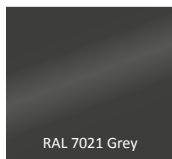
## Option on 1<sup>st</sup> set up:



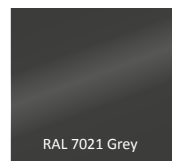
DESCRIPTION	PRICE
Mineral hydraulic oil <b>Cod. ENG20101000014</b>	<b>STANDARD</b>
Bio hydraulic oil <b>Cod. ENG20102000025</b>	<b>\$ 1,586.00</b>
Bio hydraulic oil PANOLIN HLP SYNTH 46 <b>Cod. ENG20102000026</b>	<b>\$ 4,763.00</b>



RAL 2011 Orange



RAL 7021 Grey



RAL 7021 Grey

DESCRIPTION	PRICE
Paint STANDARD Energreen RAL 2011 Orange RAL 7021 Grey <b>Cod. ENG0KT01000049</b>	<b>STANDARD</b>
Customized paint Replace only the color RAL 2011. Cabin, chassis and hydraulic cylinder will remain RAL 7021 color <b>Cod. ENG21401000031</b>	<b>\$ 4,474.00</b>



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



DESCRIPTION	PRICE
Compressor air set with tank (3 gal)	<b>\$ 4,641.00</b>
<b>IN ADDITION TO THE BASIC COST OF THE MACHINE</b>	
<b>Cod. ENG0KT01000761</b>	



DESCRIPTION	PRICE
Ultra-bright working lights (10 lights 50 watt each with 4400 lumens)	<b>\$ 7,484.00</b>
<b>Cod. ENG0KT01000768</b>	



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



DESCRIPTION	PRICE
Dig function with additional armrest and joystick  <b>Cod. ENG0KT01001004</b>	<b>\$ 2,772.00</b>



DESCRIPTION	PRICE
S.P.P. electronic system for boom suspension (Suspension Proportional Potentiometer)  The system allows the flotation of the boom and the automatic adjustment according to the terrain  <b>Cod. ENG0KT01000656</b>	<b>\$ 9,284.00</b>



DESCRIPTION	PRICE
Fire extinguisher 4.5 lbs CO <sub>2</sub> <b>Cod. ENG0KT01000605</b>  Included in Prestige Cabin	<b>\$ 220.00</b>



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



DESCRIPTION	PRICE
Automatic lubrication system with 13 greasing points. (for boom F15)  <b>Cod. ENG0KT01000727</b>	<b>\$ 6,129.00</b>



DESCRIPTION	PRICE
Quick hydraulic coupling plate face on the boom (n° 2 Female 1" + n° 2 Male 1" + 1 Female 3 1/4" 1 Male 3 1/4" + 2 Female 3/8" + 2 Male 3/8" + 2 Female 1/4" + 2 Male 1/4")  <b>Cod. E620KITBRA02</b>	<b>\$ 2,224.00</b>





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



DESCRIPTION	PRICE
<p><b>MOVABLE BALLAST</b> Hydraulic drive device through cab control, for displacing the counterweight mass in opposition to the boom of the machine. The total maximum weight of the counter weight swing can reach up to 7300 lbs (it depends on the length of the boom). The mass displacement is of 23" by means of a robust telescopic frame cohesive with the bearing frame of the machine.</p> <p><b>Cod. ENG00101000263</b></p>	<p><b>\$ 20,036.00</b></p>



## Front attachments:

### OPTION A



#### DESCRIPTION

##### OPTION A

Lifter mod. HERCULES  
equipped with:

- hydraulic bidirectional front PTO CAT.II
- 2 1/2" joints with double effect control
- Adjustable third mechanical point
- Bushing for quick-change
- Auxiliary lights bar

**Cod. ENG03001000042**

#### PRICE

**\$ 27,603.00**

#### DESCRIPTION

Lift suspension kit  
*Application possible only with the lifter*

**Cod. ENG0KT01000866**

#### PRICE

**\$ 1,392.00**



#### DESCRIPTION

LED lights bar for lifter

**Cod. ENG10119000023**

#### PRICE

**\$ 3,602.00**



## Front attachments:



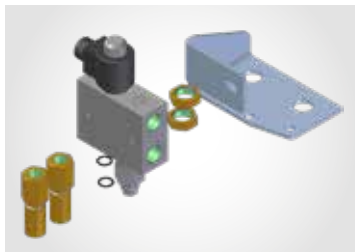
DESCRIPTION	PRICE
<p>Hydraulic system for Raiber DISCOVERY 840 equipped with pump, distributor, quick couplings set and DIN 76060 B plate</p> <p><b>Cod. ENG0KT01000583</b></p>	<p><b>\$ 16,331.00</b></p>
<p>Raiber Discovery 840 with quick hydraulic couplings plate face. DIN 76060A plate, mowing discs diameter 33"</p> <p><u>- MANDATORY LIGHT BAR IS INCLUDED</u> <u>Cod. ENG0KT01000825</u> <u>- HYDRAULIC SYSTEM NOT INCLUDED</u></p> <p><b>Cod. E00301202700</b></p>	<p><b>\$ 35,642.00</b></p>
<p>Hydraulic disc opening with automatic return into the working position</p> <p><b>Cod. E00300500800</b></p>	<p><b>\$ 4,549.00</b></p>



## Rear attachments:



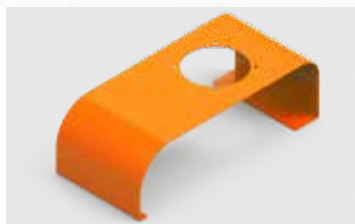
DESCRIPTION	PRICE
Blower equipped with quick couplings and onboard hydraulic system  <b>Cod. ENG0KT01000584</b>	<b>\$ 9,194.00</b>



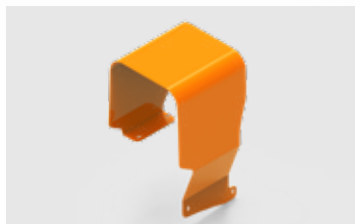
DESCRIPTION	PRICE
Hydraulic predisposition for blower  <b>Cod. ENG0KT01000585</b>	<b>\$ 3,005.00</b>



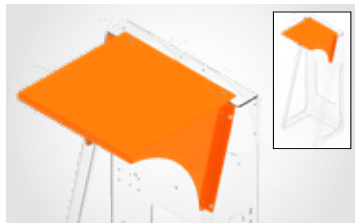
## Option on 1<sup>st</sup> set up:



DESCRIPTION	PRICE
Hydraulic oil filter protection <b>Cod. ENG0KT01001001</b>	<b>\$ 245.00</b>



DESCRIPTION	PRICE
Air filter protection <b>Cod. ENG0KT01001002</b>	<b>\$ 245.00</b>



DESCRIPTION	PRICE
Air conditioning radiator protection <b>Cod. ENG0KT01001003</b>	<b>\$ 328.00</b>



DESCRIPTION	PRICE
Rolling protection <b>Cod. ENG0KT01000783</b>	<b>\$ 450.00</b>



**OPTIONAL**





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Professional Machines



# OPTIONAL



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





## QUICK COUPLING PLATES:



DESCRIPTION	PRICE
Attachment comparable "MULAG" female for hydraulic rotator (To be setted up on the tool) <b>Cod. ENG0KT01000810</b>	<b>\$ 684.00</b>



DESCRIPTION	PRICE
Attachment comparable "MULAG" female (To be setted up on the tool) <b>Cod. ENG0KT01000809</b>	<b>\$ 697.00</b>

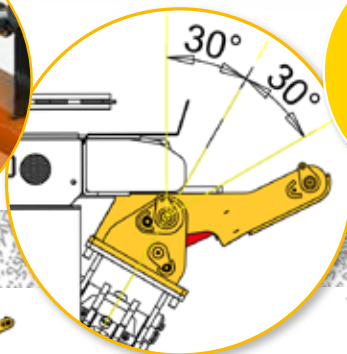


DESCRIPTION	PRICE
Attachment comparable "MULAG" male under rotator (not for 3P boom) <b>Cod. ENG0KT01000832</b>	<b>\$ 2,069.00</b>
Attachment comparable "MULAG" drilled for rotator (code is to be used if the code ENG03801000190 is presente, hydraulic TILT with fifth wheels <b>Cod. ENG03602000431</b>	

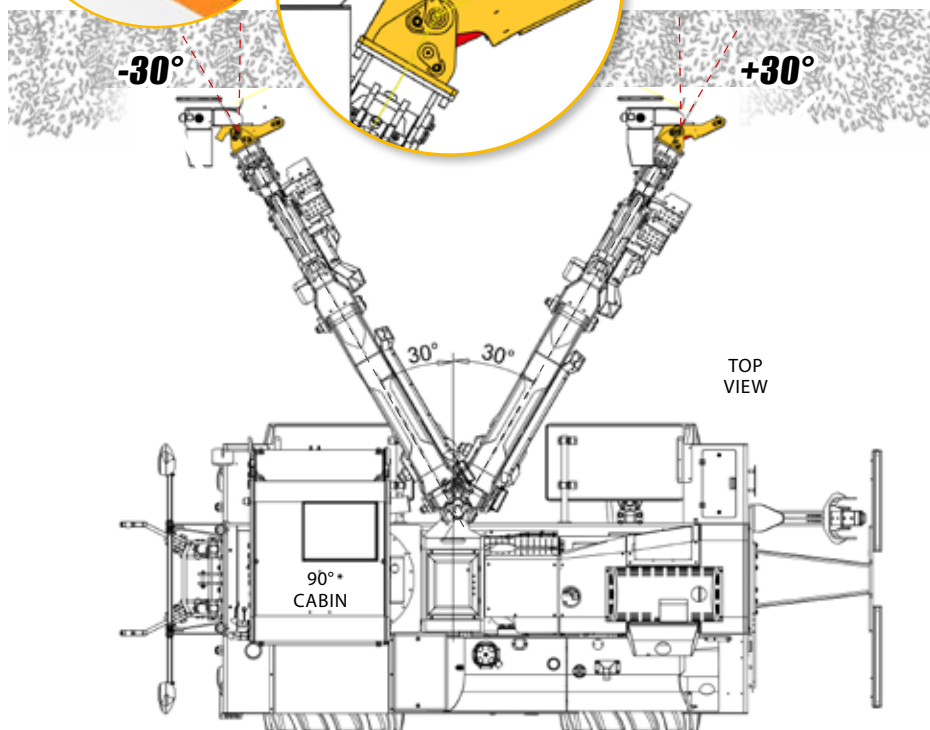
# ATTACHMENT:



DESCRIPTION	PRICE
<p>Tilting system cutting head (+/- 30°)</p> <p>Cod. E00303600600</p>	<p><b>\$ 4,360.00</b></p>



RECOMMENDED  
FOR REDUCING  
WORKING  
SPACES AND  
AVOIDING  
BRANCHES  
FALLING ON THE  
MACHINE

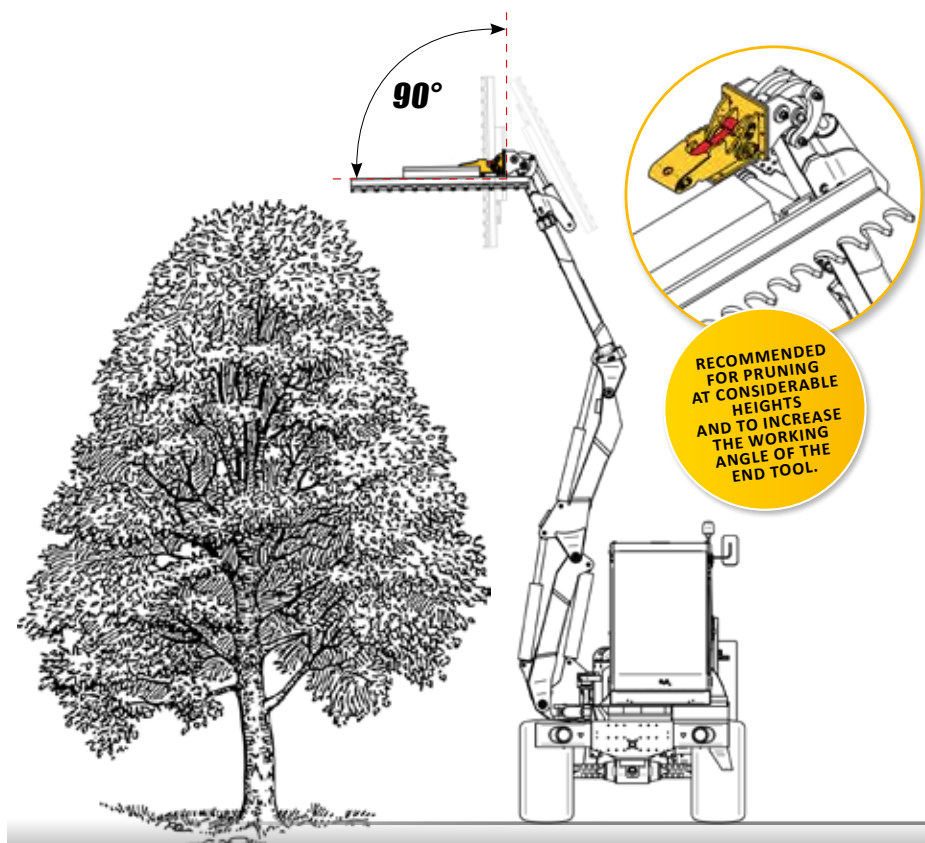




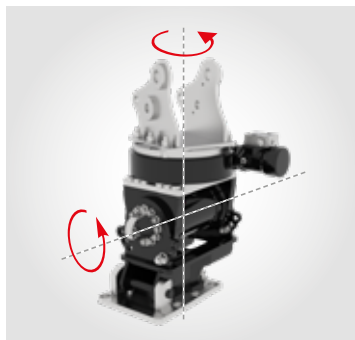
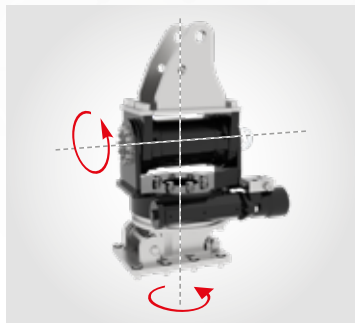
## ATTACHMENT:



DESCRIPTION	PRICE
Tilting system (90°) with plate attachment for equipment  Cod. E00303600900	<b>\$ 4,404.00</b>
Tilting system (90°)  Cod. ENG03601000036	



ATTACHMENT:



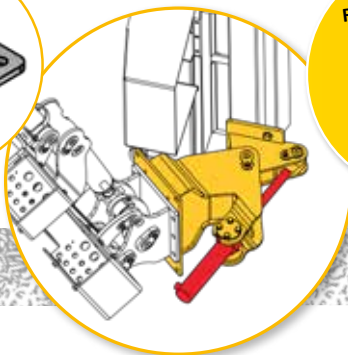
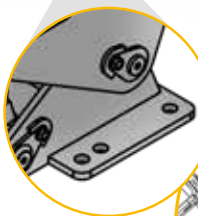
DESCRIPTION	PRICE
<p>Second inclination with hydraulic TILT with fifth wheel</p> <p><b>Cod. ENG03801000190</b></p>	<p><b>\$ 16,875.00</b></p>
<p>Second inclination with hydraulic TILT fifth wheel and MULAG attachment</p> <p><b>Cod. ENG03801000257</b></p>	<p><b>\$ 17,798.00</b></p>



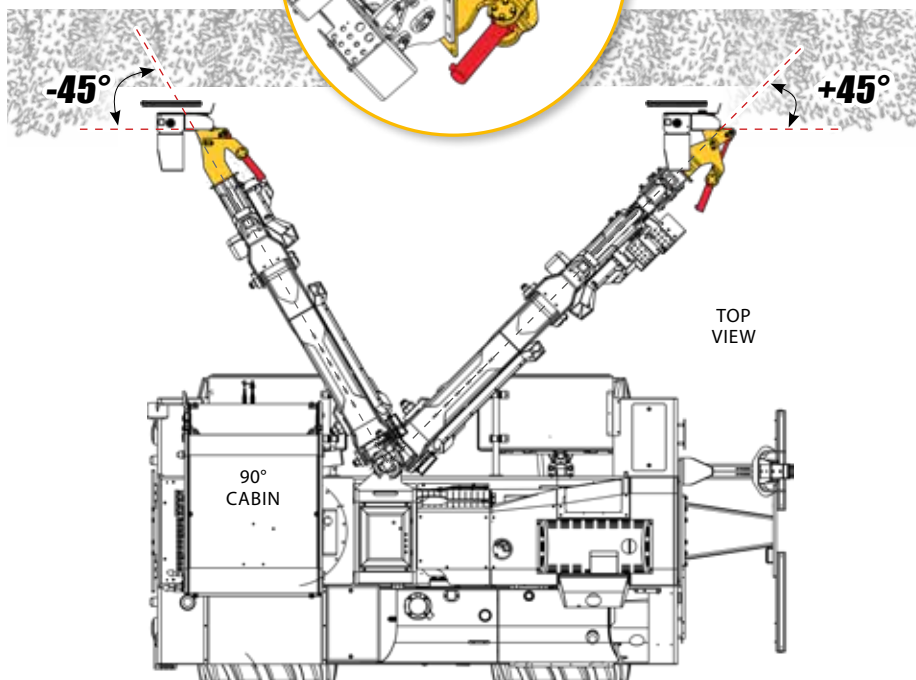
## ATTACHMENT:



DESCRIPTION	PRICE
Tilting system (+/- 45°) with plate attachment for equipment  Cod. E00303600300	<b>\$ 4,391.00</b>

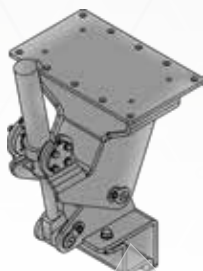


RECOMMENDED  
FOR REDUCING  
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FALLING ON THE  
MACHINE

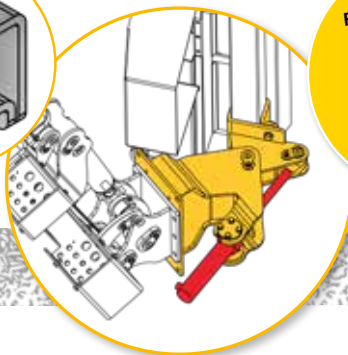
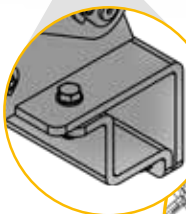




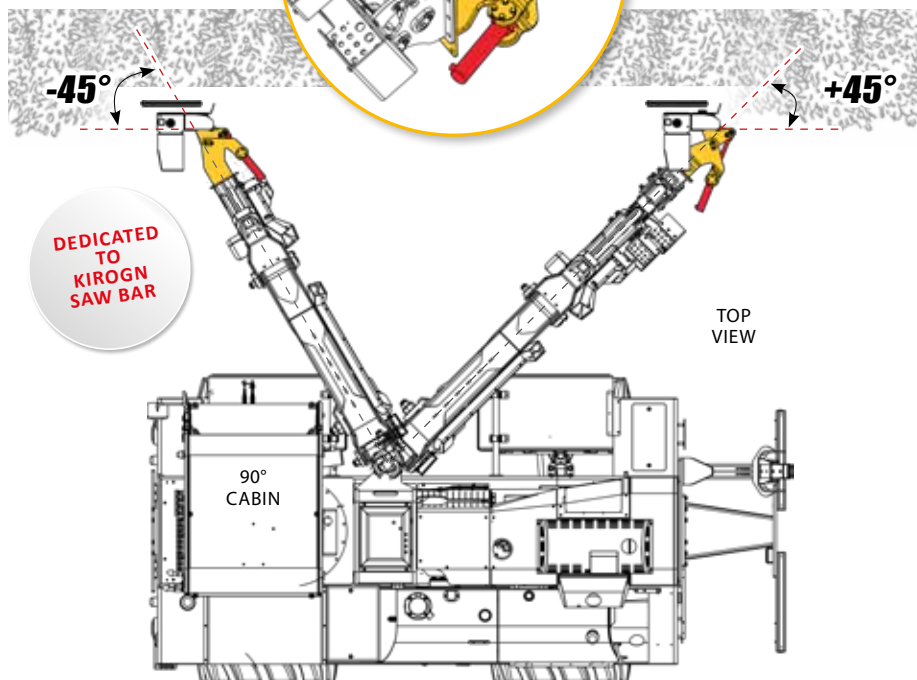
## ATTACHMENT:



DESCRIPTION	PRICE
Tilting system (+/- 45°) For all BOOM and Aspen FAST 6 Cod. ENG03601000006	<b>\$ 4,391.00</b>
For Aspen FAST 7 and FAST 9 Cod. ENG0KT01000934	



RECOMMENDED  
FOR REDUCING  
WORKING  
SPACES AND  
AVOIDING  
BRANCHES  
FALLING ON THE  
MACHINE







# ATTACHMENTS





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## PROFESSIONAL ATTACHMENTS



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





## ATTACHMENTS:



44 cc ENGINE  
(For ASPEN see page 17)  
(For KOMMUNAL see page 37)



DESCRIPTION	PRICE
Cutting Head NEW SPEED 120 (47") <b>ROTOR NOT INCLUDED</b>	<b>\$ 7,697.00</b>
Working width	44 in
Max. rotor speed	3000 rpm
Max. absorbed power	89 HP
Pistons hydraulic motor	3 HP/5075 PSI
Support roller diameter	5,5 in
Standard weight	700 lbs
Cutting head NEW SPEED 3 HP hydraulic motor + hoses <b>Cod. ENG01301000017</b>	<b>\$ 2,919.00</b>
Weight	66 lbs



DESCRIPTION	PRICE
ARTICULATED blade 47" rotor Complete equipped with 24 sets <b>Cod. ENG0KT01001280</b>	<b>\$ 2,400.00</b>
MULTI Y-BLADES rotor 47" through bushing Complete equipped with 16 sets <b>Cod. ENG0KT01001284</b>	<b>\$ 2,671.00</b>
HALF-TURN blade 47" rotor equipped with 22 sets <b>Cod. ENG0KT01001281</b>	<b>\$ 2,297.00</b>
FORESTRY HAMMERS 47" rotor 034M equipped with 10 sets <b>Cod. E00301302300</b>	<b>\$ 2,589.00</b>
TURNING HAMMERS 47" rotor equipped with 22 sets <b>Cod. ENG01301000216</b>	<b>\$ 4,266.00</b>





## ATTACHMENTS:



**3 HP MOTOR**  
(For ASPEN see page 18)  
(For KOMMUNAL see page 38)



DESCRIPTION	PRICE
Cutting head NEW SPEED 150 (59") <b>ROTOR NOT INCLUDED</b>	<b>\$ 8,600.00</b>
Working width	56 in
Rotor max. speed	3000 rpm
Max. absorbed power	99 HP
Pistons hydraulic motor	3 HP/5075 PSI
Support roller diameter	5.5 in
Standard weight	790 lbs
Cutting head NEW SPEED 3 HP hydraulic motor + hoses <b>Cod. ENG01301000017</b>	<b>\$ 2,919.00</b>
Weight	66 lbs



DESCRIPTION	PRICE
ARTICULATED blade 59" rotor Includes 36 sets <b>Cod. ENG0KT01001283</b>	<b>\$ 2,977.00</b>
MULTI Y-BLADES 59" rotor Includes 22 sets <b>Cod. ENG0KT01001285</b>	<b>\$ 3,016.00</b>
HALF-TURN blade 59" rotor Includes 24 sets <b>Cod. ENG0KT01001282</b>	<b>\$ 2,874.00</b>
FORESTRY HAMMERS 59" rotor 034M. Includes 14 sets <b>Cod. E00301302400</b>	<b>\$ 2,700.00</b>
TURNING HAMMERS 59" rotor. Includes 26 sets <b>Cod. ENG04001000002</b>	<b>\$ 4,843.00</b>



## ATTACHMENTS:



DESCRIPTION	PRICE
Hydraulic rotator equipped with: - Motor - Valves - Quick couplings - Attachment plates  <b>Cod. E00301370000</b>	<b>\$ 4,452.00</b>
Weight	82 kg



DESCRIPTION	PRICE
Electro-hydraulic opening  <b>Cod. E00301371400</b>	<b>\$ 1,349.00</b>



## ATTACHMENTS:



DESCRIPTION	PRICE
<p>* Front chain protection for cutting head Mod. New Speed 120 cm includes:</p> <ul style="list-style-type: none"><li>- Galvanized steel support</li><li>- screws</li><li>- 47" chains</li></ul> <p><b>Cod. E207003NS120</b></p>	<p><b>\$ 658.00</b></p>
Weight	37 lbs
<p>* Front chain protection for cutting head Mod. New Speed 150 cm includes:</p> <ul style="list-style-type: none"><li>- Galvanized steel support</li><li>- screws</li><li>- 150 cm chains</li></ul> <p><b>Cod. E207003NS150</b></p>	<p><b>\$ 727.00</b></p>
Weight	46 lbs

\* excludes rubber protection



## ATTACHMENTS:



**N.B.**

**THIS ATTACHMENT  
REQUIRES AN ADDITIONAL SYSTEM  
FOR THE ACTIVITY  
OF THE CONVEYOR BELT**

DESCRIPTION	PRICE
CONVEYOR HEAD head with belt 47" width ROTOR NOT INCLUDED Complete with 3 HP hydraulic motor, opening and rotator  <b>Cod. ENG01301000281</b>	<b>\$ 22,621.00</b>
Working width	44 in
Max. width	54 in
Depth	45 in
Height	26 in
Pistons hydraulic motor	3 HP/5075 PSI
Cutting diameter	1 in
Weight	925 lbs



DESCRIPTION	PRICE
ARTICULATED blade 47" rotor Complete equipped with 24 sets  <b>Cod. ENG0KT01001280</b>	<b>\$ 2,400.00</b>
HALF-TURN blade 47" rotor equipped with 22 sets  <b>Cod. ENG0KT01001281</b>	<b>\$ 2,297.00</b>
FORESTRY HAMMERS 47" rotor 034M equipped with 10 sets  <b>Cod. E00301302300</b>	<b>\$ 2,589.00</b>



## ATTACHMENTS:



**N.B.**

**THIS ATTACHMENT  
REQUIRES AN ADDITIONAL SYSTEM  
FOR THE ACTIVITY  
OF THE CONVEYOR BELT**

DESCRIPTION	PRICE
CONVEYOR HEAD head with belt 59" width ROTOR NOT INCLUDED Complete with 3 HP hydraulic motor, opening and rotor  <b>Cod. ENG01301000259</b>	<b>\$ 24,484.00</b>
Working width	55 in
Max. width	66 in
Depth	46 in
Height	26 in
Pistons hydraulic motor	3 HP/5075 PSI
Cutting diameter	1 in
Weight	990 lbs



DESCRIPTION	PRICE
ARTICULATED blade 59" rotor Includes 36 sets  <b>Cod. ENG0KT01001283</b>	<b>\$ 2,977.00</b>
HALF-TURN blade 59" rotor Includes 24 sets  <b>Cod. ENG0KT01001282</b>	<b>\$ 2,874.00</b>
FORESTRY HAMMERS 59" rotor 034M. Includes 14 sets  <b>Cod. E00301302400</b>	<b>\$ 2,700.00</b>





## ATTACHMENTS:



**N.B.** POSSIBLE APPLICATIONS ONLY  
IF THE MACHINE IS SET UP

DESCRIPTION	PRICE
Blower equipped with: hydraulic motor, parallelogram and hoses Applicable on Kommunal, Aspen and Athena  Cod. E00302800500	<b>\$ 6,762.00</b>

DESCRIPTION	PRICE
Blower equipped with: hydraulic motor, and hoses <b>WITHOUT PARALLELOGRAM</b> Applicable on Alpha  Cod. E00302800200	<b>\$ 6,188.00</b>



## ATTACHMENTS:



DESCRIPTION	PRICE
FORESTRY HEAD 100 T 2.5 HP (For ASPEN and KOMMUNAL ONLY) Forestry head with fixed teeth, equipped with hydraulic motor and flexible hoses <b>Cod. ENG01301000133</b>	<b>\$ 17,631.00</b>
FORESTRY HEAD 120 T 2.5 HP (For ASPEN and KOMMUNAL ONLY) Forestry head with fixed teeth, equipped with hydraulic motor and flexible hoses <b>Cod. ENG01301000134</b>	<b>\$ 22,014.00</b>



DESCRIPTION	PRICE
FORESTRY HEAD 100 T 3 HP Forestry head with fixed teeth, equipped with hydraulic motor and flexible hoses <b>Cod. ENG01301000135</b>	<b>\$ 17,970.00</b>
FORESTRY HEAD 120 T 3 HP Forestry head with fixed teeth, equipped with hydraulic motor and flexible hoses <b>Cod. ENG01301000136</b>	<b>\$ 22,435.00</b>





## ATTACHMENTS:



DESCRIPTION	PRICE
Rear chain protection set for FORESTRY HEAD 100 T  <b>Cod. ENG01301000138</b>	<b>\$ 388.00</b>
Rear chain protection set for FORESTRY HEAD 120 T  <b>Cod. ENG01301000140</b>	<b>\$ 439.00</b>

TECHNICAL DATA	FORESTRY HEAD 100	FORESTRY HEAD 120
Working width	42 in	49 in
Max. width	49 in	56 in
Cutting diameter	4.15 in	4.75 in
Rotor diameter	16 in	16 in
N° tools	28	32
RPM	1900/2000 rpm	1900/2000 rpm
Weight	1012 lbs	1018 lbs



## ATTACHMENTS:



DESCRIPTION	PRICE
DITCH BUCKET Bucket 100 cm  Cod. ENG0KT01000935	<b>\$ 2,813.00</b>
DITCH BUCKET Bucket 150 cm  Cod. ENG0KT01000936	<b>\$ 3,837.00</b>

TECHNICAL DATA	DITCH BUCKET 100	DITCH BUCKET 150
Working width	39 in	59 in
Depth	17.5 in	20 in
Height	24 in	24 in
Working pressure	3190 PSI	3190 PSI
Loading capacity	3,5 ft <sup>3</sup>	7 ft <sup>3</sup>
Weight	176 lbs	286 lbs



## ATTACHMENTS:



DESCRIPTION	PRICE
RIVER BUCKET 200 6.5 ft bucket <b>Cod. E00303400100</b>	<b>\$ 10,400.00</b>
RIVER BUCKET 250 8 ft bucket <b>Cod. E00303400900</b>	<b>\$ 12,107.00</b>
RIVER BUCKET 300 10 ft bucket <b>Cod. E00303401100</b>	<b>\$ 15,090.00</b>



DESCRIPTION	PRICE
90° HYDRAULIC bucket rotation for road use <b>Cod. E00303401900</b>	<b>\$ 1,469.00</b>
90° MANUAL bucket rotation for road use <b>Cod. E00303470700</b>	<b>\$ 852.00</b>

TECHNICAL DATA	BUCKET RIVER 200	BUCKET RIVER 250	BUCKET RIVER 300
Working width	79 in	96 in	120 in
Relief valve	STD	STD	STD
Material	Hardox 500	Hardox 500	Hardox 500
Engine type	Orbital	Orbital	Orbital
Working pressure	2900 PSI	2900 PSI	2900 PSI
Hydraulic flow	13.75 gal/min	13.75 gal/min	13.75 gal/min
Weight	594 lbs	700 lbs	970 lbs



## ATTACHMENTS:



DESCRIPTION	PRICE
Mowing bucket 9.8 ft <b>Cod. ENG10702000005</b>	<b>\$ 20,849.00</b>



DESCRIPTION	PRICE
90° HYDRAULIC bucket rotation for road use <b>Cod. ENG03401000006</b>	<b>\$ 1,469.00</b>



ROTATION IS REQUIRED FOR ROAD CIRCULATION. AS ALTERNATIVE, IT IS REQUIRED TO TAKE OFF THE BUCKET FROM THE BOOM.



## ATTACHMENTS:



DESCRIPTION	PRICE
CUTTER BAR 175 length 5.7 ft (DOUBLE BLADE)  Cod. E1702G991425	<b>\$ 7,672.00</b>
CUTTER BAR 235 length 7.7 ft (DOUBLE BLADE)  Cod. E1702G996418	<b>\$ 8,183.00</b>

TECHNICAL DATA	CUTTER BAR 175	CUTTER BAR 235
Working width	69 in	92 in
Height	34 in	34 in
Working pressure	2900 PSI	2900 PSI
Weight	440 lbs	541 lbs



## ATTACHMENTS:



DESCRIPTION	PRICE
<p>EXTRA TRUNK</p> <p>Extra Trunk for pruning equipped with:</p> <ul style="list-style-type: none"><li>- ENERGREEN universal attachment</li><li>- tubular profile</li><li>- articulations with cemented and certified bush</li><li>- steel blades with high resistance to strain</li><li>- additional jack for adjusting by 45° to the right and 45° to the left of the sharp scissors</li><li>- clamp for maintaining the shaft cut</li><li>- possibility to adapt to any hydraulic boom</li></ul> <p><b>Cod.ENG03801000146</b></p>	<p><b>\$ 18,895.00</b></p>

TECHNICAL DATA	EXTRA TRUNK
Working pressure	3045 PSI
Max. cutting diameter	8 in
High resistance steel blades	Hardox 400
Hydraulic flow	10 gal/min
Jack inclination +/- 45°	Optional
Weight	660 lbs



## ATTACHMENTS:



DESCRIPTION	PRICE
FORC-ONE Grass fork  <b>Cod. E00703801100</b>	<b>\$ 5,116.00</b>



DESCRIPTION	PRICE
FORC-ONE Grass fork equipped with rotator  <b>Cod. ENG03801000082</b>	<b>\$ 6,820.00</b>

TECHNICAL DATA	FORC-ONE
Working width	31 in
Teeth number	12
Pressure	3625 PSI
Capacity	2200 lbs
Weight	365 lbs



## ATTACHMENTS:



DESCRIPTION	PRICE
TRUNK PINCERS with hydraulic rotation  <b>Cod. ENG03801000063</b>	<b>\$ 8,948.00</b>

TECHNICAL DATA	TRUNK PINCERS
Ø tronc min/max	3/19 in
Pressure	3050 PSI
Area	2 ft <sup>2</sup>
Force	15 kN
Capacity	1875 lbs
Weight	150 lbs





## ATTACHMENTS:



DESCRIPTION	PRICE
IRON BRUSH with iron bristles  <b>Cod. ENG03801000023</b>	<b>\$ 8,378.00</b>



DESCRIPTION	PRICE
IRON BRUSH with iron bristles and protection  <b>Cod. ENG03801000162</b>	<b>\$ 9,203.00</b>

TECHNICAL DATA	IRON BRUSH
Working width	27 in
Hydraulic flow	156 gal/min
Hydraulic pressure	2175 PSI
Max hydraulic pressure	2900 PSI
Weight	275 lbs



DESCRIPTION	PRICE
PLASTIC BRUSH Sweeper with plastic bristles  <b>Cod. ENG03800000012</b>	<b>\$ 8,842.00</b>



## ATTACHMENTS:



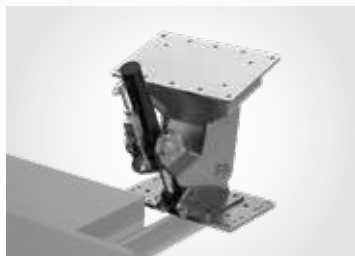
**ATTENTION:**  
HOSES: COD. ENG62403000003 NEEDED  
(SEE PAGE 140)

DESCRIPTION	PRICE
L.E.M. 7004 84" saw bar with 4-28" discs with motor and universal hydraulic lock  <b>Cod. ENG10724000002</b>	<b>\$ 22,614.00</b>
L.E.M. 9002 60" saw bar with 2-36" discs with motor and universal hydraulic lock (hoses included)  <b>Cod. ENG03801000149</b>	<b>\$ 26,714.00</b>

More sizes available upon request



## IMPLEMENT NEEDED FOR SAW BAR:



DESCRIPTION	PRICE
Coupling plate for saw bar (to be used with rotator but not tilting)  <b>Cod. ENG03601000001</b>	<b>\$ 128.00</b>

DESCRIPTION	PRICE
Coupling plate specific for L.E.M. 9002 (only without tilting)  <b>Cod. ENG03801000145</b>	<b>\$ 1,128.00</b>

DESCRIPTION	PRICE
Hose kit for Saw Bar (only without tilting)  <b>Cod. ENG62403000003</b>	<b>\$ 1,941.00</b>

DESCRIPTION	PRICE
Hose kit for Saw Bar (only without tilting. not needed for L.E.M. 9001 and L.E.M. 9002)  <b>Cod. ENG62403000098</b>	<b>\$ 1,941.00</b>

## ATTACHMENTS:



DESCRIPTION	PRICE
<p><b>DISC BAR HB 700</b> Saw bar with 4 discs Ø 27.5"</p> <p>Technical specifications:</p> <ol style="list-style-type: none"> <li>1. Closed-circuit piston engine</li> <li>2. Discs with widia plates, which can be sharpened by machine tool sharpeners; individual plates can be replaced</li> <li>3. Shielded bearings with life greasing</li> <li>4. Total length 88", disc c/c 20" (disc overlapping 7.4"), distance between the blades 1.5"</li> </ol> <p><b>Cod. ENG03801000231</b></p>	<p><b>\$ 19,927.00</b></p>

TECHNICAL DATA	DISC BAR HB 700
Working width	88 in
Cutting max. diameter	6 in
No. discs	4
Discs diameter	27.5 in
Weight	606 lbs



## ATTACHMENTS:



DESCRIPTION	PRICE
DITCH CLEANERS mod. FF50  Cod. ENG03800000026	<b>\$ 12,527.00</b>

TECHNICAL DATA	DITCH CLEANERS
Working width	24 in
Required power	54 HP
Max. disc speed	625 rpm
Pressure	2900 PSI
N. blades	3
N. spatulas	3
Weight	300 lbs



## ATTACHMENTS:



DESCRIPTION	PRICE
STUMP GRINDER rotator and coupling plate included  Cod. ENG0KT01000364	<b>\$ 27,378.00</b>

TECHNICAL DATA	STUMP GRINDER
Width	31 in
Height	28 in
Depth	49 in
Disc diameter	18.5 in
Working width	43 in
N° of teeth	16
Teeth diameter	1 in
Max. oil pressure	Max 3625 PSI
Oil flow	12.5-19 gal/min
Weight	550 lbs
CUTTING CAPACITY	
Ø 16" tronc	7 min
Ø 25.5" tronc	18 min
Ø 40" tronc	45 min
Datas are based on troncs with a height of 6", milled and buried up to 6".	



**ATTACHMENTS:**

DESCRIPTION	PRICE
Rotary Cutter HD 50" US MOWER  Cod. ENG10723000030	<b>\$ 26,875.00</b>







**RAIBER UNIMOG**



EUSDPO0001100 - 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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Professional Machines



**PROFESSIONAL BARRIER MOWER**  
**RAIBER *DISCOVERY* 840**



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

## RAIBER **DISCOVERY** 840 UNIMOG

**Raiber Discovery 840 UNIMOG** is an hydraulically driven mower to cut under barriers directly powered by the hydraulic system of the machine to which it is assembled to and intended for mounting on vehicles with a load capacity on the tool carrier plate (DIN plate) of at least **1550 lbs.** The equipment can be mounted to the vehicle via standard DIN plate and can only work on the right side. It is built with a sturdy tubular frame, it is equipped with two openable booms to bypass obstacles with a maximum height of **170 cm** such as guardrails, steel cables, hedges, etc.. Raiber Discovery 840 Unimog can cut simultaneously from both sides below obstacles, with a cutting width of approx. **60 in.**





## Standard Equipment

### MACHINE:

- Standard DIN plate for the connection to the vehicle
- Cutting disc consisting of 2 articulated knives
- Double-edged knives (possibility of inversion when worn out on one side)
- Lateral translation movement of the tool holder frame carried out by means of parallelogram booms
- Cutting tool height adjustment made by telescopic extension equipped with adjustable wear-resistant pads
- Cutting discs mounted on parallelogram structures with internal spring for autonomous height adjustment to terrain conformation
- Cutting discs supports hinged and equipped with adjustable springs to overcome obstacles independently
- Cutting discs supports bolted to tool holder frame
- Possibility of hydraulically operated overturning of the external tool holder frame by 180° to overcome obstacles
- Overall dimensions of the cutting disc disc  $\varnothing 33 \frac{1}{2}$ " (for each disc)
- Effective cutting width  $\varnothing 30 \frac{1}{4}$ " (for each disc)
- Total cutting width with discs in working position about 60"
- Maximum height that can be bypassed about 67"
- Height-adjustable telescopic legs to unmount the equipment on the ground
- Cutting discs with perimeter protection by means of reinforced rubber hose with steel braids
- Protection against stones/objects ejection by a rubber stripe covering the perimeter on each disc
- Chains additional protection against stones/objects ejection installed on a height-adjustable support bar
- Cutting elements safety guards for road traffic
- Fulcrums with hardened pins and case-hardened bushings with spider for lubrication
- End-of-stroke sensors for the autonomous shutdown of the cutting discs in case of inclination of the tool holder frame higher than the horizontal plane

### POWER TRANSMISSION:

- Wear-resistant flexible hoses with quick couplings for connection to the dedicated hydraulic system on the carrier

### HYDRAULIC SYSTEM:

- N° 4 double effect lines for the primary movements of the tool
- N° 1 26.5 gal/min (2900 psi) open circuit hydraulic line to supply the discs motors

### COMMANDS:

- Piloting console with cutting discs actuation buttons and tool holder frame lateral swing piloting, equipped with quick release sockets for the cables coming from the tool

## RAIBER DISCOVERY 840 UNIMOG



DESCRIPTION	PRICE
<p>Raiber DISCOVERY for UNIMOG, console disc activation, positioner and protection</p> <p><b>Cod. ENG01200000003</b></p>	<p><b>\$ 39,470.00</b></p>

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



DESCRIPTION	PRICE
Paint STD RAIBER RAL 2011 Orange  Cod. ENG21401000063	STANDARD



**ENERGREEN AMERICA Inc.**  
**TERMS AND CONDITIONS OF SALES**

**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.

DATED: \_\_\_\_\_

ENERGREEN AMERICA, INC.

\_\_\_\_\_  
By:

Its:

CUSTOMER

\_\_\_\_\_  
By:

Its:



# SELF-PROPELLED HYDROSTATIC MACHINES

Local dealership



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