

BID SUBMITTAL FORM
Alabama County Joint Bid Program
Heavy Equipment – BID ITEM: RIDE ON INDUSTRIAL BOOM MOWER
OPTION B

Company Name: Warrior Tractor & Equipment Company, Inc.

Address: 6801 McFarland Blvd W., Northport, AL 35476

Bid Submitted by: David Schafer
(Name of company representative)

Title: Sales Manager E-mail address: dschafer@warriortractor.com

Phone: 205-339-0300 Fax: 205-333-0101

By submitting this bid, we agree:

The equipment model number identified below meets the bid specs for this bid item.

Initials

That the bid price will be honored for all counties for the period from January 1, 2023 to December 31, 2023.

The equipment will be delivered at the bid price to all counties participating in the joint bid program.

The company acknowledges the freight preparation and delivery price is to be included in the total bid price for the standard machine.

The company representative listed above will be the contact person for purchasing this bid item under the joint bid program.

The bid is accompanied by a current catalog or model specification document for the model number identified below.

The bid is accompanied by a copy of the manufacturer's standard warranty as required in the bid specifications.

The bid includes the e-verify documentation required by Alabama law.

If awarded the bid, a performance bond will be provided upon request.

The bid documents include the **Manufacturer's Suggested Retail Price Sheet (MSRP) for the Standard Machine.**

19 Foot Boom Model

Total Bid Price for Standard Machine: \$ 209,840.00 _____
(Total Bid Price for Standard Machine Includes Freight Preparation, Delivery and Standard Warranty Costs) *

Freight Preparation and Delivery: \$ 6,000.00 _____
(Included in Standard Machine Bid Price)

Manufacturer's Suggested Retail Price for Standard Machine: \$ 216,205.00 _____

Equipment Model #: Aspen Fast 6 21FT _____

Description: Industrial Boom Mower _____

22 Foot Boom Model w/1 telescoping extension and including required counterweight

Total Bid Price for Standard Machine: \$ 214,800.00 _____
(Total Bid Price for Standard Machine Includes Freight Preparation, Delivery and Standard Warranty Costs) *

Freight Preparation and Delivery: \$ 6,000.00 _____
(Included in Standard Machine Bid Price)

Manufacturer's Suggested Retail Price for Standard Machine: \$ 231,259.00 _____

Equipment Model #: Aspen Fast & 24 FT _____

Description: Industrial Boom Mower _____

30 Foot Boom Model w/2 telescoping extensions including required counterweight

Total Bid Price for Standard Machine: \$ 227,602.00 _____
(Total Bid Price for Standard Machine Includes Freight Preparation, Delivery and Standard Warranty Costs) *

Freight Preparation and Delivery: \$ 6,000.00 _____
(Included in Standard Machine Bid Price)

Manufacturer's Suggested Retail Price for Standard Machine: \$ 245,484.00 _____

Equipment Model #: Aspen Fast 9 30FT _____

Description: Industrial Boom Mower _____

Signature of company representative submitting bid: David R Schief
Title: Sales Manager _____

***NOTE:** Award will be made based on the total cost of the **Standard Machine**. The total cost of the standard machine is to include the freight preparation, delivery and standard warranty cost. Freight preparation, delivery will be excluded from the total bid price of the standard machine in determining the percentage discount for any available options.

BID SUBMITTAL FORM: OPTION COST SHEET

By submitting this bid, we agree:

To offer any available options at the percent difference between the Manufacturer's Suggested Retail Price Sheet and the actual bid price on the Standard Machine*

10%

The bid documents include the **Manufacturer's Suggested Retail Price Sheet (MSRP)** for the Standard Machine

10%

Equipment Model #: Aspen Fast 6, Fast 7 and Fast 9

Description: Industrial Boom Mower

Signature of company representative submitting bid: David R. Schaf

Title: Sales Manager

***NOTE:** The percent difference between the **Manufacturer's Suggested Retail Price Sheet (MSRP)** for the standard machine as specified by these **Bid Specifications** and the actual price bid by the vendor will be calculated to determine the percentage discount to be applied to any available options. The bid price of the freight preparation, delivery cost shall be excluded in determining the percentage discount to be applied to available options. Any individual county may choose to add any available option to the standard machine at the percentage discount at the time of purchase.

BID ITEM: RIDE-ON INDUSTRIAL BOOM MOWER - OPTION B

GENERAL

These specifications shall be construed as the minimum acceptable standards for a ride-on industrial boom mower with universal attachment plate and mowing arm. Should the manufacturer's current published data or specifications exceed these standards, the manufacturer's standards shall be considered minimum and shall be furnished. All integral parts not specifically mentioned in the scope of these specifications that are necessary to provide a complete working unit shall be furnished. Additionally, the machine offered for bid shall include all standard manufacturer's equipment. The machine must be a new current production model and shall meet all EPA and other applicable standards at the time of manufacture.

The use of specific names and numbers in the specifications is not intended to restrict the bidder or any seller or manufacturer, but is intended solely for the purpose of indicating the type, size and quality of equipment considered best adapted to the uses of counties participating in this joint bid.

BID SUBMITTAL FORM

Each bidder must submit his or her bid on the Bid Submittal Form included in the invitation to bid package. All written warranties to be submitted shall be attached to the Bid Submittal Form.

BID PRICE

The price bid shall include all destination charges, delivery charges, title fees, rebates, and all other applicable costs and refunds.

MANUALS

Each unit shall be provided with one (1) copy of the operator's manual, (1) copy of the repair manual and one (1) copy of the current parts manual. Units will not be accepted for delivery until the manuals as outlined above are received by the purchaser.

REPLACEMENT PARTS AVAILABILITY

Parts must be available for 5 years or 7,500 hours of use for the piece of equipment bid. If replacement parts are not delivered within three (3) working days of an order being placed, the bidder will deliver an equivalent machine for the county to use at no cost to the county until such time as the parts are delivered to the county so it can affect repairs to its machine.

WARRANTY

Bidders shall submit a copy of the manufacturer's standard warranty. Warranty shall include service response time of maximum of 36 hours within notification by county.

Yes No

Page# _____

or

Attachment

BID ITEM: RIDE-ON INDUSTRIAL BOOM MOWER - OPTION B

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED. THIS UNIT IS NOT INTENDED TO BE A MODIFIED AGRICULTURAL TRACTOR.

ENGINE

The Engine shall meet the following requirements:

Minimum 143 HP 3.6-liter 4-cylinder Tier IV, with heavy duty radiator with high flow fan and canister style air cleaner with pre-cleaner. Electric start with engine pre-heat, and minimum 44-gallon fuel tank and full engine gauge package to include tachometer, water temperature, oil pressure, volt meter, fuel gauge and hour meter.

Yes X No _____
Page # 8-19 of _____
Attachment _____

POWER TRAIN:

Minimum power train requirements shall consist of permanent 4 Wheel Drive, four-wheel steer and three steering modes. Heavy Duty 8 Stud Hub axles or equivalent.

Continuously variable hydrostatic transmission with 2 speed mechanical gearbox (Work and Transport Gear)

Standard 6-disc Oil emersed brake system. Negative parking brake.

Joystick or pedal control transmission for speed and directional control, with 0-6 mph work mode and a travel mode of 0- 25 MPH.

Yes X No _____
Page # 8-19

BOOM: Equal to or Exceeds ILF ASPEN

2-piece Booms: 19 Ft non telescoping., 22 Ft. 1-telescoping, 30Ft. 2-telescoping

Yes X No _____
Page # 8-19

MOWER ATTACHMENTS: Equal to or ILF ASPEN

No Boom attachment is considered standard. All attachments shall be optional

Yes X No _____
Page # 8-19

WHEELS:

Shall be equipped with, Four (4) Heavy Duty, Industrial flotation tires with BKT 500/45-22.5 flotation tires.

Yes X No _____
Page # 8-19

CAB, COMFORT, CONVENIENCE & SAFETY:

Custom designed cab will be mounted in front of the engine and hydraulics for optimum operator visibility. Cab must be certified for both ROPS – ISO 3471 and FOPS – ISO 3449.

- On-board computer with display for controlling the functionalities of the engine
- Tilting and height-adjustable steering column
- Electrical direction control lever
- SEAT ALTO S55 seat with air suspension
- Right armrest integrated into the seat and adjustable (with boom joystick housing)
- Front windshield washer wiper
- Electronical controlled air conditioning system, pollen filter and dedicated exchanger
- Left mirror
- Cab door with 60/40 opening
- Cab rear windows darkened with UV rays reduction treatment
- Rear documents holder
- Manual halogen courtesy light
- Emergency glass break hammer
- External electrical socket for 12 V DC services
- Two-way USB socket (2x 5 V DC - 1 A)
- Clothes hangers
- Cup holder
- DAB stereo
- Right side in-cab mirror
- DES

Yes X No _____
Page # 8-19

CONDITIONS:

Boom Mower shall be equipped with all standard equipment specified by the manufacturer, and shall comply with EPA emission standards and all motor vehicle standards established by the U.S. Department of Transportation regarding the manufacture of motor vehicles. **This unit shall have a minimum of one-year manufactured warranty.**

Yes X No _____
Page # ATTACHMENT

The successful bidder shall be responsible for delivering the unit properly serviced, clean and in first class operating condition. Pre-delivery service at a minimum shall include the following:

Complete lubrication, check all fluid levels, adjustment of engine to proper operating condition, inflate tires to proper operating pressure, check proper operation of all accessories.

ILF ASPEN 143HP



SELF-PROPELLED
HYDROSTATIC
MACHINES



ILF SEMOVENTI
SELF-PROPELLED

MACCHINE SEMOVENTI IDROSTATICHE
SELF-PROPELLED HYDROSTATIC MACHINES



BRUSHCUTTER

ILF Aspen è una macchina decespugliatrice professionale adatta per operare tutto l'anno nella cura del verde stradale o forestale. Essa dispone anteriormente di un robusto braccio telescopico da 6 o 7 metri, adatto sia per il superamento di ostacoli nel lavoro di pulizia dei bordi stradali, sia per essere usato in estensione, anche verticalmente, per raggiungere spazi lontani. ILF Aspen offre un grande comfort per l'operatore e un'ottima visibilità di lavoro, attraverso un'ampia vetratura. Macchina estremamente affidabile e sicura in ogni contesto operativo, risulta essere la migliore soluzione per comuni, amministrazioni ed enti pubblici.

ILF ASPEN

**Decespugliatrice
Professionale**

**Professional
Brushcutter**

ILF Aspen is a suitable professional brushcutter to operate all year round in the care of road or forest green. It has a sturdy telescopic arm at the front, from 6 or 7 meters, suitable both for overcoming obstacles in the work roadside cleaning, both for extension use, even vertically, to reach distant spaces. It also offers great operator comfort, with excellent visibility of work through a large window. ILF Aspen is a machine extremely reliable and safe in any operating context, it turns out to be the best solution for municipalities, administrations and public bodies.



STRENGTHS

ILF ASPEN

PUNTI DI FORZA STRENGTHS



Sicurezza e Comfort

- Omologazione cabina FOPS-ROPS
- Vetro panoramico ad alta visibilità
- Ottima ergonomia di lavoro
- Controllo della stabilità SCD

Safety and Comfort

- FOPS-ROPS homologated cabin
- High visibility panoramic windscreen
- Excellent working ergonomics
- SCD Stability Control Device



Qualità

- Telaio rinforzato in acciaio speciale
- Componenti europei certificati
- Potente motore Deutz da 143 CV Stage V
- Trasmissioni idrostatiche Heavy Duty

Quality

- Special steel reinforced frame
- Certified European components
- Deutz 143 HP Stage V powerful engine
- Heavy Duty hydrostatic transmissions



Multifunzionale

- Robusto braccio telescopico da 7 metri
- Numerose attrezzature applicabili
- Manutenzione del verde
- Potature aeree e lavori forestali

Multifunctional

- Sturdy 7 meters telescopic arm
- Many tools available
- Green maintenance
- Aerial pruning and forestry work



Produttività

- Braccio telescopico multifunzione
- Manovrabilità su tutti i terreni
- Facile e intuitiva da utilizzare
- Visibilità a 360°

Productivity

- Multifunctional telescopic arm
- Excellent manoeuvrability on all surfaces
- Easy and smart to use
- 360° visibility





BRUSHCUTTER

Energreen è specialista nelle macchine ed attrezzature per lo sfalcio dell'erba, naturalmente ha riversato la sua notevole esperienza in questa macchina. ILF Aspen è insuperabile per i lavori di manutenzione del verde della sede stradale e di altre attività inerenti al verde pubblico, con attrezzature specifiche ed affidabilissime, è la soluzione ideale, economica e tempestiva di tutte le esigenze stradali.

Naturalmente Green



Naturally Green

Energreen is a specialist in machinery and accessories for vegetation management, its remarkable experience has been transferred to this machine. ILF Aspen is unbeatable for works in vegetation maintenance along roads and other activities related to the public vegetation, with specific and reliable accessories. ILF Aspen is the perfect solution, affordable and reliable for all road maintenance needs and requests.

ILF ASPEN

360° VISIBILITY



VISIONE OTTIMALE A BORDO RUOTA
GREAT VISIBILITY OF THE WHEEL



La prima caratteristica che colpisce appena si sale a bordo della ILF Aspen è l'ampia vetratura, che offre massima visibilità a 360 gradi per il pieno controllo dell'ambiente di lavoro. Il volante regolabile, il confortevole sedile ed il sistema di comandi ergonomici ed intuitivi, creano subito un forte feeling tra l'operatore e la macchina, subito pronta a rispondere con fluidità ai comandi, per rendere leggera qualsiasi giornata di intenso lavoro.

**Visibilità completa
dell'ambiente
di lavoro**

**Complete visibility
of the working
environment**

The first surprising feature inside the cabin is the visibility, that guarantees maximum site lines for a full view on the working area. The adjustable steering wheel, the comfortable seat, the ergonomics and intuitive devices establish a strong feeling between the operator and the machine with its fluidity in all drives in order to make operation easier every day.





MANOEUVRABILITY

La natura polivalente di questa macchina si evince anche dal sistema di trazione a 4 ruote motrici, tutte sterzanti, configurabili idraulicamente da comando in cabina in 3 diverse modalità operative.

Agilità e Precisione nelle Manovre



Agility and Accuracy in the Movements

The polyvalent soul of this machine is highlighted also from the 4-wheel drive traction system, all steering, hydraulically configurable from the cab control in 3 different operating modes.



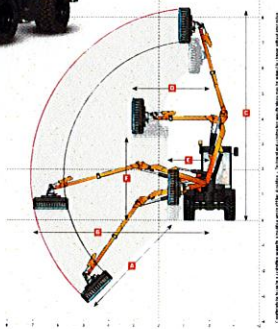


**FAST
6
FAST
7**

TELESCOPIC ARM

Braccio telescopico progettato per lavorare con una estensione fino a 7 metri in profondità e di 8 metri in altezza. La sua particolare geometria ne esalta le caratteristiche per lavori di manutenzione stradale dove si desidera un cono di sterzo a bordo strada e lavori di rifinitura in profondità. Il robusto affilo telescopico permette una maggiore agilità di lavoro e la massima performance anche in situazioni difficili.

Telescopic arm has been designed to work with an extension up to 7 meters wide and 8 meters in height. Its particular geometry enhances the characteristics for road maintenance where you want a combination of mowing roadside and finishing work far from the roadside. The sturdy telescopic extension allows greater work agility and maximum performance even in difficult situations.



MODE	A	B	C	D	E	F
FAST 6	3.50	6.00	7.30	3.10	1.60	3.20
FAST 7	3.15*	3.96*	2.93*	1.01*	0.52*	1.05*
FAST 7	5.32	7.37	8.43	3.14	1.66	3.35
FAST 7	1.75*	2.42*	2.88*	0.96*	0.55*	1.16*

L'ATTEZZO ADATTO PER OGNI LAVORO



THE SUITABLE TOOL FOR EVERY WORK

<p>CONVEYOR HEAD TESTATA TRANSCIANTE FRONTALI TRANSCIANTE OUTRIG HEAD WITH CONVEYOR BELT</p>	<p>FORESTRY HEAD TESTATA FORESTALE A DOPPI VERTI FORESTRY HEAD WITH FOLDS TEST 4</p>	<p>SAW BAR SAWA & DISCHI CUTTER DISCS BAR</p>
<p>CUTTER BAR MANGIA CALCIANTE CUTTER BAR</p>	<p>POWER SHEARS TRONCINAGGIO POWER SHEARS</p>	<p>STUMP GRINDER TRONCINAGGIO STUMP GRINDER</p>
<p>EXTRA TRUNK FRONTE PULIZIA VIE SCORREVA FRONT SCISSOR PRICEDER</p>	<p>ORANGE PEEL CRAPPLE FRONTE PULIZIA ORANGE PEEL CRAPPLE</p>	<p>TRUNK PINCERS FRONTE PULIZIA TRUNK PINCERS</p>
<p>FORC-ONE FRONTE PULIZIA SKID SCAP</p>	<p>DITCH CLEANER FRONTE PULIZIA DITCH CLEANER</p>	<p>IRON BRUSH FRONTE PULIZIA IRON BRUSH CLEAN ROADSIDE</p>



NEW SPEED
120 CM - 150 CM
TESTATA TRANCIANTE
CUTTING HEAD

Telaio in acciaio speciale - Apertura idraulica frontale optional
Ruote di appoggio regolabile - Cinque tipologie di rotori
Motore da 35 cc (3500 bar) - Diametro di taglio max. 8 cm
Special steel frame - Frontal hydraulic opening (optional)
Adjustable roller - Five types of rotors
Engine 35 cc (3500 bar) - Cutting diameter 8 cm (3 1/4) max



SLEWING BEARING
RUOTE PER LA ROTAZIONE DI 90° DELLA ATTREZZATURA
SLEWING BEARING FOR 90° EQUIPMENT ROTATION

EQUIPMENT

JOYSTICK SEMPLICE E INTUITIVO
SIMPLE AND INTUITIVE JOYSTICK

Joystick semplice e intuitivo dotato di distributore proporzionale. Consente di muovere fino a 8 funzioni del braccio contemporaneamente con massima elasticità del movimento. Inoltre permette il bloccaggio dell'azione sospensiva in qualsiasi posizione.

Simple and intuitive joystick equipped with a proportionate distributor. It allows you to move up to 8 arm functions at the same time with an elastic regulator movement, and also allows the arm to be suspended in any position.

Ampla vano porta attrezzi
Large storage area for tools

Gradini integrati
Integrated steps

Obli in cabina
Cabin porthole

K8 parafranghi
Mudguards set

CLEANFIX
Ventole autopulente Cleanfix®
Cleanfix® Reversible self-cleaning

Telecamera retrovisoria
Reverse gear camera

Pneumatici / Tires
BKT 500/45 R 22,5

Pneumatici / Tires
NOKIA 460/65 R 24

Pneumatici / Tires
CONTINENTAL/MITAS MPT 445/65

ACCESSORIES & OPTIONAL

TECHNICAL DATA

CABINA / CABIN

Omologazione cabina / Cabin homologation	HOPS - FOPS (1° Livello / Level 1)
Volante / Steering wheel	Regolabile / Adjustable
Manipolatore multifunzione / Joystick	Elettronico / Electronic
Aria condizionata / Air conditioning	Elettronica / Electronic
Vetri oscurati in cabina / Rear glasses	Oscurati / Darkened anti UV
Scelte regolabili / Adjustable seat	Pneumatico / Air suspension
Presa elettrica servizi / Power socket	12 V
Staccabatterie / Battery switch	Automatico / Automatic

MOTORE / ENGINE

Marca / Brand	Deutz TCD 3.6
Modello / Type	4 Cilindri Diesel / 4 Cylinders Diesel
Potenza / Power	143 hp (105 kW)
Regolazione / Regulation	Common Rail - 4 valvole per cilindro / 4 valves per cyl.
Emissioni / Exhaust emissions	EU 2016/1628 Stage V
Alternatore / Alternator	120 A
Capacità carburante / Fuel tank capacity	160 litri / 42 gal
Ventilatore / Fan	CLEANFIX (optional)
Pre-riscaldamento aria aspirazione / Preheating air engine intake	
Radiatore intercooler aria aspirata / Air intercooler radiator	
Radiatore intercooler liquido refrigerante / Refrigerant cooler radiator	
Computer di bordo dati del motore / Computer for visualization engine data	

IMPIANTO IDRAULICO / HYDRAULIC SYSTEM

Pompa a motori in circuito aperto / Pumps and motors in open circuits	Ingranaggi / Gear
Movimenti braccio / Arm movement	Ingranaggi / Gear
Impianto freni / Brakes system	Ingranaggi / Gear
Impianto sterzo / Steering system	Ingranaggi / Gear
Pompa a motori in circuito chiuso / Pumps and motors in closed circuits	Piston / Piston
Pompa testata tripla / Curing head pump	Piston / Piston
Pompa trascinatore / Tractor pump	5 settore / 5 sectors
Distributore idraulico / Hydraulic distributor	ISOVS 1146
Olio idraulico / Hydraulic oil	210 - 190 bar
Pressione olio / Oil pressure	

TRASMISSIONE E FRENI / TRANSMISSION AND BRAKES

Trasmissione / Transmission	Idraulica / Hydraulic
Trazione / Traction	4x4 (germanistica / permanent)
Raggio di sterzata / Steering radius	2,16 m / 7 ft
Pneumatici / Tires	Standard: 500/45 R 22,5
Variazione velocità / Speed variation	0 - 40 km/h (00 / function thrust)
Cambio meccanico / Manual gearbox	2 rapporti / 2 gears
Allineamento ruote / Wheel alignment	Elettronico / Electronic control
Asse anteriore / Front axle	Fisso / Fixed
Asse posteriore / Rear axle	Distabile / Crossflexing
Assi sterzanti / Steering axles	2 assi / 2 steering axles
Bloccaggio differenziale / Axle lock	Anteriore / Front 100%
	Posteriore / Rear 100%
Freno stazionamento / Parking brake	Negativo / Negative
Freni di servizio / Service brakes	idraulici / Hydraulic

DIMENSIONI E PESO / SIZE AND WEIGHT

A Altezza / Height	2960 mm
B Lunghezza / Width	2020 mm
C Lunghezza / Length	2450 mm
D Intersassia / Wheelbase	2450 mm
Peso / Weight	8.670 kg

DATI TECNICI E DIMENSIONI
TECHNICAL DATA AND DIMENSIONS



ILF ASPEN

ENERGREEN.IT



SELF-PROPELLED HYDROSTATIC MACHINES



Concessionario di zona - Local dealership



ENERGREEN®
Professional Machines

Via Sabbioni, 16 · 36026 Cagnano di Pojana Maggiore (VI) · Italy
Tel. +39 0444 1511200 · Fax +39 0444 1511252 · www.energreen.it · commerciale@energreen.it

MACCHINE E ATTREZZATURE PROFESSIONALI
PROFESSIONAL MACHINES AND EQUIPMENT



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SELF-PROPELLED HYDROSTATIC MACHINES



ENERGREENAMERICA.COM



EUSPP0001102 - N1- 09/22 - The company reserves the right to make changes to the product presented in this catalogue at any time and without prior notice.



ILF ASPEN

PROFESSIONAL
VEGETATION MGMT MACHINE



PRICE LIST 2022 - N° 1 - REV. 02
(In force from September 1st 2022)



ILF ASPEN

ILF Aspen is a self-propelled tool carrier equipped with a boom designed for various attachments for the management of vegetation. Thanks to the fixed cabin and the front mounted arm, the operator has maximum visibility and comfort while working.

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 two boom lengths, it is possible to equip the machine with different configurations to manage rear mounted attachments.





ILF ASPEN

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 arm-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:
 - o n° 4 proportional elements
 - o 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:

- FOPS (ISO 3449) - ROPS (ISO 3471) cabin approval
- On-board computer with display for controlling the functionalities of the engine
- Tilting and height-adjustable steering column
- Electrical direction control lever
- SEAT ALTO S55 seat with air suspension
- Right armrest integrated into the seat and adjustable (with boom joystick housing)
- Front windshield washer wiper
- Electronical controlled air conditioning system, pollen filter and dedicated exchanger
- Left mirror
- Cab door with 60/40 opening
- Cab rear windshield darkened with UV rays reduction treatment
- Rear documents holder
- Manual halogen courtesy light
- Emergency glass break hammer
- External electrical socket for 12 V DC services
- Two-way USB socket (2x 5 V DC - 1 A)
- Clothes hangers
- Cup holder
- DAB stereo
- Right side in-cab mirror

DESCRIPTION	PRICE
ILF ASPEN cabin Cod. ENG00701000134	STANDARD

Standard machine with COMFORT CAB:



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
- GRAMMER MAXIMO XXL ** seat with air suspension and adjustable lumbar shock absorber

DESCRIPTION	PRICE
COMFORT Cabin Cod. ENG00701000028	\$ 4,043.84



ENERGREEN[®]
Professional Machines *America*

ILF ASPEN

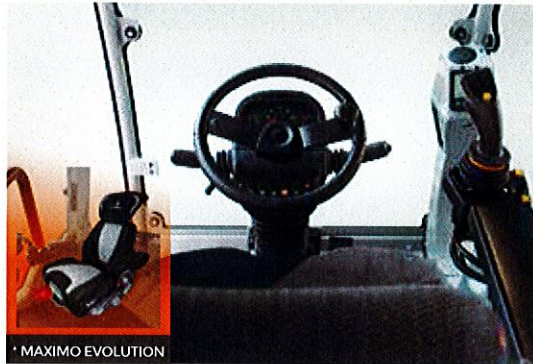
Standard machine with PRESTIGE CAB:



*** Roof window with grille



** Display with one backup camera



* MAXIMO EVOLUTION

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 backup camera (with dedicated in-cab display) **
- Twin LED beacon
- Roof window with safety grill, retractable sunshade and windshield wiper ***
- Right side windshield with windshield wiper
- 4.5 lbs 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

DESCRIPTION	PRICE
PRESTIGE Cabin	
Cod. ENG00701000029 + ENG70207000008	\$ 12,516.15

ILF ASPEN:



**** Fast 9 boom can not be equipped with New Sped 150; it requires New Speed 120**

DESCRIPTION	PRICE
ILF ASPEN boom mod. FAST	STANDARD CABIN
STANDARD CABIN MOD. FAST 6 Total length 19 ft without telescopic extension	\$ 210,361.02
STANDARD CABIN MOD. FAST 7 Total length 24 ft 1 telescopic extension	\$ 216,204.93
STANDARD CABIN ** MOD. FAST 9 Total length 30 ft 2 telescopic extensions	\$ 230,429.85

ATTENTION: Aspen booms do not include the 180° rotator and flail head (to be ordered separately)



ILF ASPEN

Certification:



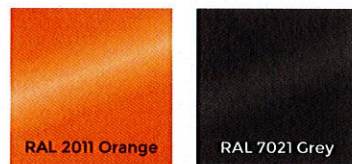
DESCRIPTION	PRICE
Certification USA Cod. ENGOKT01000317	\$ 866.11

DESCRIPTION	PRICE
Special lights-kit USA certification Cod. ENGOKT01000708	\$ 2,577.75

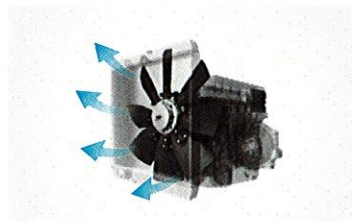
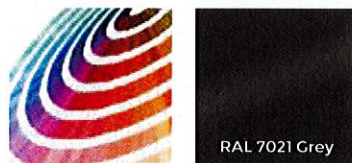
Option on 1st set up:



DESCRIPTION	PRICE
Mineral hydraulic oil Cod. ENG20101000004	STANDARD
Bio hydraulic oil Cod. ENG20102000005	\$ 3,252.77
Bio hydraulic oil PANOLIN HLP SYNTH 46 Cod. ENG20102000006	\$ 6,088.51



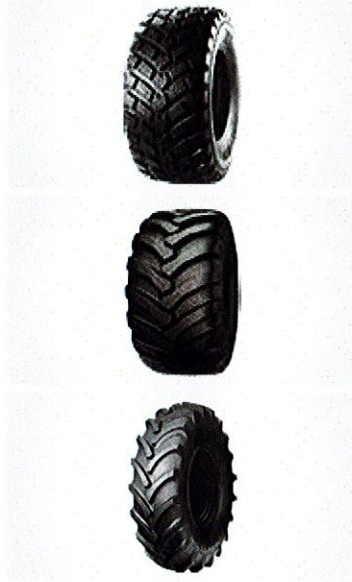
DESCRIPTION	PRICE
Paint STD ENERGREEN RAL 2011 Orange RAL 7021 Grey Cod. ENG0KT01000049	STANDARD
Customized paint Replace only the color RAL 2011. Cabin, chassis and hydraulic cylinder will remain in RAL 7021 color Cod. ENG21401000029	\$ 1,970.91







DESCRIPTION	PRICE
Reversible fan Cod. ENG0KT01000281	\$ 4,902.63

Option on 1st set up:

** in addition to the machine price



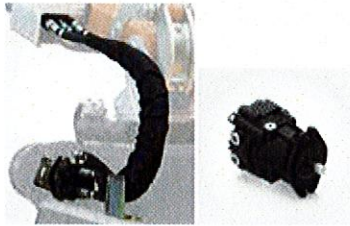
DESCRIPTION	PRICE
Tires  BKT 500/45 R 22.5 Machine width 92" Cod. ENGOKT01000428	STANDARD
Tires  ** ALLIANCE 600/50 R22.5 Offset -25 Cod. ENGOKT01000319	\$ 1,339.48
Tires  ** CONTINENTAL/MITAS  MPT 445/65 Machine width 83" Cod. ENGOKT01000072	\$ 834.04

DESCRIPTION	PRICE
Fenders Not available for ALLIANCE 600 Cod. ENGOKT01000575	\$ 2,184.51

Attachments:



ROTATOR NOT INCLUDED



DESCRIPTION	PRICE
Flail head NEW SPEED 120 ROTATOR SHAFT NOT INCLUDED	\$ 7,488.12
Working width	44 in
Max. rotor speed	3000 rpm
Max. power	89 HP
Pistons hydraulic motor	2.5 HP/5075 PSI
Support roller diameter	5.5 in
Standard weight	700 lbs
35 cc motor with hoses for New Speed 120 Cod. ENG01301000016	\$ 2,257.33
Weight	66 lbs



DESCRIPTION	PRICE
ARTICULATED blade 47" rotor Complete equipped with 24 flails Cod. E00301301600	\$ 2,335.98
MULTI Y-BLADES rotor 47" through bushing Complete equipped with 16 flails Cod. E00301303000	\$ 2,599.57
HALF-TURN blade 47" rotor equipped with 22 flails Cod. E00301301700	\$ 2,235.49
FORESTRY HAMMERS 47" rotor 034M equipped with 10 flails Cod. E00301302300	\$ 2,519.47
SWINGING HAMMERS 47" rotor equipped with 22 flails Cod. ENG01301000216	\$ 4,150.56

Attachments:



ROTATOR NOT INCLUDED



DESCRIPTION	PRICE
Flail head NEW SPEED 150 ROTATOR SHAFT NOT INCLUDED	\$ 8,366.96
Working width	56 in
Max. rotor speed	3000 rpm
Max. power	99 HP
Pistons hydraulic motor	2.5 HP/5075 PSI
Support roller diameter	5.5 in
Standard weight	790 lbs
35 cc motor with hoses for New Speed 150 Cod. ENG01301000016	\$ 2,257.33
Weight	66 lbs



DESCRIPTION	PRICE
ARTICULATED blade 59" rotor Includes 36 flails Cod. E00301320000	\$ 2,896.67
MULTI Y-BLADES 59" rotor Includes 22 flails Cod. E00301302900	\$ 2,934.52
HALF-TURN blade 59" rotor Includes 24 flails Cod. E00301302100	\$ 2,796.18
FORESTRY HAMMERS 59" rotor 034M. Includes 14 flails Cod. E00301302400	\$ 2,628.32
SWINGING HAMMERS 59" rotor. Includes 26 flails Cod. ENG04001000002	\$ 4,711.26

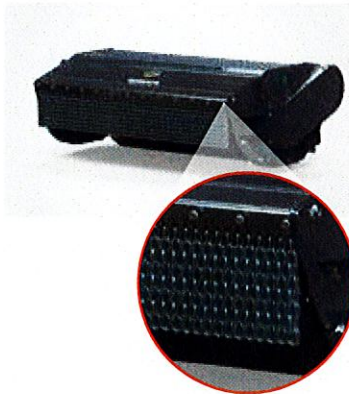
Attachments:



DESCRIPTION	PRICE
Hydraulic rotator equipped with: - Motor - Valves - Quick couplings - Attachments plates Cod. E00301370000	\$ 4,331.07
Weight	180 lbs



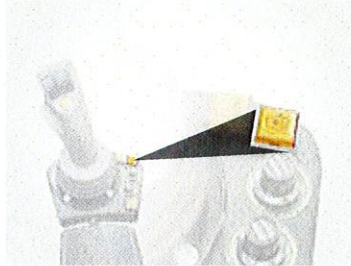
DESCRIPTION	PRICE
Hydraulic mouth opening Cod. E00301371400	\$ 1,312.29



DESCRIPTION	PRICE
* Front chain protection for flail head Mod. New Speed 120 includes: - Galvanized steel support - Screws - 47" chains Cod. E207003NS120	\$ 640.56
Weight	37 lbs
* Front chain protection for flail head Mod. New Speed 150 includes: - Galvanized steel support - Screws - 59" chains Cod. E207003NS150	\$ 706.23
Weight	46 lbs

* optional protections

Option on 1st set up:



DESCRIPTION	PRICE
<p>Boom floating and terrain electronic system The system allows the flotation of the boom and the automatic adjustment according to the terrain</p> <p>Cod. E459SPP00000</p>	<p>\$ 9,033.32</p>



DESCRIPTION	PRICE
<p>Automatic greasing system with 10 greasing points, programmable control (The system greases only the boom)</p> <p>Cod. ENG0KT01000788</p>	<p>\$ 3,815.36</p>



DESCRIPTION	PRICE
<p>Hydraulic quick couplings plane 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>Cod. E620KITBRA02</p>	<p>\$ 2,162.91</p>



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Option on 1st set up:

DESCRIPTION	PRICE
Rear warning sign with LED lights - Size 24" x 24" Cod. ENG001000136	\$ 1,801.76

DESCRIPTION	PRICE
Air filter protection Cod. ENGOKT01000660	\$ 239.81

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). Cod. ENGOKT01000321	\$ 3,345.62



ILF ASPEN

Additional accessories, only on 1st set-up:



DESCRIPTION	PRICE
Fire extinguisher 4.5 lbs CO ₂ Cod. ENGOKT01000605 <i>Included in Prestige Cabin</i>	\$ 213.56



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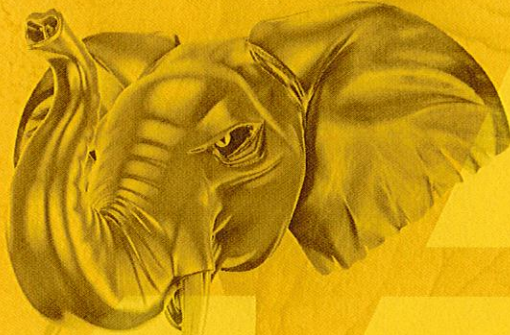
Professional Machines



HYDROSTATIC SELF-PROPELLED MACHINES



PROFESSIONAL EQUIPMENT



WARRANTY

INDEX

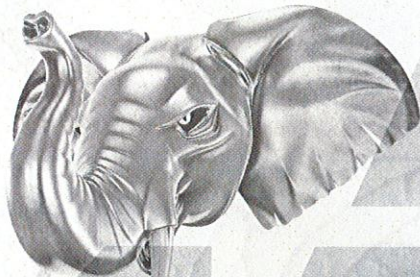
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Maintenance Service DEUTZ 6.1 Stage IVf	19
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ENERGREEN®

Professional Machines

WARRANTY



MODEL

SERIAL NO

STANDARD WARRANTY TERMS

ENERGREEN guarantees that all products are free of any workmanship and material defects at the time of despatch from the factory, and undertakes during the specified warranty period, to repair or replace free of charge, all those parts found to be defective due to poor material quality or workmanship defects, within the limits and according to the specifications of the present warranty terms.

The warranty will come into effect from the date of retail sale by Company or a Company dealer and will have a duration of a maximum of 12 months, limited to 1.500 (fifteen hundred) working hours (whichever term expires first).

The warranty will be implemented on behalf of ENERGREEN by the workshops authorised by ENERGREEN which will undertake to either repair or replace, the parts of the relative product for the entire period of warranty, at the conditions as listed below.

ENERGREEN may at any time request the return of the parts replaced under warranty on a carriage free basis. On receipt of the relative parts it reserves the right to accept or refuse replacement under warranty, after checking the same at its own premises or that of its suppliers.

A direct supplier warranty may be applied on certain product parts, the workshop entrusted to undertake the repairs will contact the supplier concerned.

The defective parts may, at the discretion of ENERGREEN, be replaced with either new parts or parts overhauled by ENERGREEN, or by its own suppliers.

The Customer is obliged, during the warranty period, to immediately contact an authorised workshop to notify any product defects found, it must also undertake programmed maintenance operations (servicing).

The User and maintenance manual is consigned with the product and it must be thoroughly read in order to ensure the correct use of the machine itself and the carrying out of the maintenance operations.

The warranty will lose validity in the event of:

- incorrect use of the vehicle, not in compliance with the instructions handbook and operating maintenance;
- the application of equipment or accessories which fail to comply with specifications;
- use of non-original spares;
- use of lubricants not in specifications;
- failure to undertake programmed maintenance operations;
- repairs not carried out by authorised workshops;
- unauthorized electric and/or mechanical modifications.

Except in the case of fraud or serious fault of ENERGREEN, all responsibility of ENERGREEN is specifically exempted or of the retailer (dealer) of ENERGREEN, for product defects or faults, any such responsibility being replaced by the warranty indicated above. Any responsibility of ENERGREEN or its retailers (dealers) (both contractual and non-contractual) is also excluded in the event of product defects or damage (as the result of machine standstill or loss of earnings), or any costs or expenses deriving from faults, neither may it be possible to either cancel the contract or suspend (or reduce) payments, ENERGREEN obligations being limited to the repair and replacement of the parts in accordance with warranty terms.

SERVICE CONDITIONS DURING THE STANDARD WARRANTY PERIOD

The Customer is delivered this Customer warranty manual which describes the rights and obligations in relation to the purchased product, the warranty is assured by means of the Dealer/ Agent network.

As well as the Standard warranty conditions the present document also contains:

DELIVERY REPORT - Certifying that the Dealer/Agent has carried out a complete check and setting up of the product before delivery, and that it has also undertaken to supply the use and maintenance instructions described in this same manual and that it has informed the customer of the warranty terms applied.

PROGRAMMED MAINTENANCE SERVICING - During the warranty period the final Customer is obliged to notify the Dealer/Agent within the pre-established expiry date, for them to arrange programmed servicing, according to the specifications described in the User and maintenance manual and recorded in the relative register.

The programmed maintenance operations during the warranty period is subject to the following regulations:

- the maintenance operations are to be undertaken at regular fixed intervals (the first after 100 hours, the second after 500 hours and subsequently every 500 hours), with a tolerance of +/- 10% on the hour-meter reading;
- maintenance must be undertaken by authorised organisations;
- should it be necessary to substitute materials or undertake other operations that are not envisaged in the maintenance programme, standard warranty procedures will be applied;
- the cost involved in the programmed maintenance operations at 100/500/1000/1500 hours intervals will be totally at the expense of the final customer (lubricants, filtering elements, travelling expenses, travelling and working hours).

WARRANTY CERTIFICATE - Permits the implementation of the standard or special warranty terms.
The repair operations undertaken during the warranty period will be undertaken by the Dealer/Agent.
Lubricants and expendable materials are not covered by the warranty.

CUSTOMER OBLIGATIONS - In order to ensure product efficiency the final Customer undertakes to notify its dealer/agent of the following:

- eventual machine transfers outside its own zone;
- should the hour meter fail to work;
- eventual theft of the machine;
- the approach of the expiry date for undertaking the programmed maintenance;
- any defects, even minor, which may cause greater damage to the machine.



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ILF SELF-PROPELLED

HYDROSTATIC SELF-PROPELLED MACHINES

ILF KOMMUNAL

ILF S1500

ILF C1200



MAINTENANCE SERVICES
DEUTZ 4.1 STAGE IVF

Periodic maintenance schedules imply the performance of regular checks.
Record all interventions carried out in addition to routine maintenance.

DAILY CHECKS

- Inspect the engine (leaks or damage).
- Check the fuel level (top up if necessary).
- Check the engine oil (top up if necessary).
- Check the hydraulic oil (top up if necessary).
- Check the coolant (top up if necessary).
- Check for oil, fuel or coolant leaks
- Check the level indicators (engine oil etc.)
- Clean the machine of cuttings or other residues.
- Check and clean the protective grille of the radiator fans, intercooler and air conditioner.
- Clean the air intake filter.
- Check tightness of screws or nuts.
- Grease as indicated.
- Check tyre pressures and wear
- Check for correct operation of safety devices.
- Check the operation of the audible warning devices and safety elements such as seat belts, warning signs, operator presence micro switch.
- Check the guards/safety devices on the equipment (see equipment manual).
- Check the water/fuel separator (drain condensate if necessary)

WARNING:

Check the type of oil in the machine and do the following:

Type	Brand	Replace by
Mineral	Q8 ELI 1298 L	1000 hours
Biodegradable	Q8 HOLBEIN HP SE BIO 46	2000 hours
	PANOLIN HLP SYNTH E 46	15000 hours

AFTER THE FIRST 50 h

- Check tightness of wheel nuts and tyre pressures.
- Check drainage of the water/fuel separator
- Check electrical system.

Date

Stamp

Signature

100 h

- Check coolant level.
- Check tyre pressure.
- Check engine oil.
- Change axle oil.

Date

Stamp

Signature

250 h

- Battery electrolyte level check
- Check reducer gearbox oil level.
- Check front axle oil level.
- Check rear axle oil level.
- Check level oil planetary hubs.
- Wheel nuts tightening torque check.

Date

Stamp

Signature

500 h

- Change engine oil.
- Change engine oil filter.
- Check coolant.
- Clean cabin air filter.
- Change oil in planetary hubs.
- Replace filtercartridge of the AdBlue® supply pump.

Date

Stamp

Signature

750 h

- Battery electrolyte level check
- Check reducer gearbox oil level.
- Check front axle oil level.
- Check rear axle oil level.
- Check level oil planetary hubs.
- Wheel nuts tightening torque check.

Date

Stamp

Signature

1000 h

- Check battery and cable connections.
- Check V-belt.
- Check engine mounting (replace if damaged).
- Check hose connections/clamps (replace if damaged).
- Change fuel filter.
- Change fuel pre-filter.
- Change intake air filter.
- Change hydraulic oil filter.
- Change gearbox oil.
- Change axle oil.
- Change pump drive oil.
- Change engine oil.
- Change engine oil filter.
- Check coolant.
- Clean cabin air filter.
- Change oil in planetary hubs.
- Replace filtercartridge of the AdBlue® supply pump.

Date

Stamp

Signature

1250 h

- Battery electrolyte level check
- Check reducer gearbox oil level.
- Check front axle oil level.
- Check rear axle oil level.
- Check level oil planetary hubs.
- Wheel nuts tightening torque check.

Date

Stamp

Signature

1500 h

- Change engine oil.
- Change engine oil filter.
- Check coolant.
- Clean cabin air filter.
- Change oil in planetary hubs.
- Replace filtercartridge of the AdBlue® supply pump.

Date

Stamp

Signature

1750 h

- Battery electrolyte level check
- Check reducer gearbox oil level.
- Check front axle oil level.
- Check rear axle oil level.
- Check level oil planetary hubs.
- Wheel nuts tightening torque check.

Date

Stamp

Signature

2000 h

- Change engine oil.
- Change engine oil filter.
- Change coolant.
- Change cabin air filter
- Change oil in planetary hubs.
- Adjust valve clearances. (*)
- Check exhaust gas recovery and adjustment rod clearance. (*)
- Check relief valve in the engine block.
- Change DPF burner ignition plug.
- Check battery and cable connections.
- Change toothed belt, ribbed V-belt and idler roller. (*)
- Check engine mounting (replace if damaged).
- Check hose connections/clamps (replace if damaged).
- Change fuel filter.
- Change fuel pre-filter.
- Change intake air filter.
- Change hydraulic oil.
- Change hydraulic oil filter.
- Change gearbox oil.
- Change axle oil.
- Change pump drive oil.
- Replace filtercartridge of the AdBlue® supply pump.

Date

Stamp

Signature

* At DEUTZ authorised workshops

2250 h

- Battery electrolyte level check
- Check reducer gearbox oil level.
- Check front axle oil level.
- Check rear axle oil level.
- Check level oil planetary hubs.
- Wheel nuts tightening torque check.

Date

Stamp

Signature

2500 h

- Change engine oil.
- Change engine oil filter.
- Check coolant.
- Clean cabin air filter.
- Change oil in planetary hubs.
- Replace filtercartridge of the AdBlue® supply pump.

Date

Stamp

Signature

2750 h

- Battery electrolyte level check
- Check reducer gearbox oil level.
- Check front axle oil level.
- Check rear axle oil level.
- Check level oil planetary hubs.
- Wheel nuts tightening torque check.

Date

Stamp

Signature

3000 h

- Check battery and cable connections.
- Check V-belt.
- Check engine mounting (replace if damaged).
- Check hose connections/clamps (replace if damaged).
- Change fuel filter.
- Change fuel pre-filter.
- Change intake air filter.
- Change hydraulic oil filter.
- Change gearbox oil.
- Change axle oil.
- Change pump drive oil.
- Change engine oil.
- Change engine oil filter.
- Check coolant.
- Clean cabin air filter.
- Change oil in planetary hubs.
- Replace filtercartridge of the AdBlue® supply pump.

Date

Stamp

Signature

EXTRAORDINARY MAINTENANCE SERVICE 1

Date

Stamp

Signature

EXTRAORDINARY MAINTENANCE SERVICE 2

Date

Stamp

Signature

EXTRAORDINARY MAINTENANCE SERVICE 3

Date

Stamp

Signature



ENERGREEN[®]

Professional Machines

ILF SELF-PROPELLED

HYDROSTATIC SELF-PROPELLED MACHINES

ILF C1200

ILF B2000



MAINTENANCE SERVICES
DEUTZ 6.1 STAGE IVF

Periodic maintenance schedules imply the performance of regular checks.
Record all interventions carried out in addition to routine maintenance.

DAILY CHECKS

- Inspect the engine (leaks or damage).
- Check the fuel level (top up if necessary).
- Check the engine oil (top up if necessary).
- Check the hydraulic oil (top up if necessary).
- Check the coolant (top up if necessary).
- Check for oil, fuel or coolant leaks
- Check the level indicators (engine oil etc.)
- Clean the machine of cuttings or other residues.
- Check and clean the protective grille of the radiator fans, intercooler and air conditioner.
- Clean the air intake filter.
- Check tightness of screws or nuts.
- Grease as indicated.
- Check tyre pressures and wear
- Check for correct operation of safety devices.
- Check the operation of the audible warning devices and safety elements such as seat belts, warning signs, operator presence micro switch.
- Check the guards/safety devices on the equipment (see equipment manual).
- Check the water/fuel separator (drain condensate if necessary)

AFTER THE FIRST 50 h

- Check tightness of wheel nuts and tyre pressures.
- Check drainage of the water/fuel separator
- Check electrical system.

Date

Stamp

Signature

100 h

- Check coolant level.
- Check tyre pressure.
- Check engine oil.

Date

Stamp

Signature

250 h

- Battery electrolyte level check
- Check reducer gearbox oil level.
- Check front axle oil level.
- Check rear axle oil level.
- Check level oil planetary hubs.
- Wheel nuts tightening torque check.

Date

Stamp

Signature

500 h

- Change engine oil.
- Change engine oil filter.
- Check coolant.
- Clean cabin air filter.
- Change oil in planetary hubs.

Date

Stamp

Signature

750 h

- Battery electrolyte level check
- Check reducer gearbox oil level.
- Check front axle oil level.
- Check rear axle oil level.
- Check level oil planetary hubs.
- Wheel nuts tightening torque check.

Date

Stamp

Signature

1000 h

Refer to page 11

- Check battery and cable connections.
- Check V-belt.
- Check engine mounting (replace if damaged).
- Check hose connections/clamps (replace if damaged).
- Change fuel filter.
- Change fuel pre-filter.
- Change intake air filter.
- Change hydraulic oil filter.
- Change gearbox oil.
- Change axle oil.
- Change pump drive oil.
- Change engine oil.
- Change engine oil filter.
- Check coolant.
- Clean cabin air filter.
- Change oil in planetary hubs.

Date

Stamp

Signature

1250 h

- Battery electrolyte level check
- Check reducer gearbox oil level.
- Check front axle oil level.
- Check rear axle oil level.
- Check level oil planetary hubs.
- Wheel nuts tightening torque check.

Date

Stamp

Signature

1500 h

- Change engine oil.
- Change engine oil filter.
- Check coolant.
- Clean cabin air filter.
- Change oil in planetary hubs.

Date

Stamp

Signature

1750 h

- Battery electrolyte level check
- Check reducer gearbox oil level.
- Check front axle oil level.
- Check rear axle oil level.
- Check level oil planetary hubs.
- Wheel nuts tightening torque check.

Date

Stamp

Signature

2000 h

Refer to page 11

- Change engine oil.
- Change engine oil filter.
- Change coolant.
- Adjust valve clearances. (*)
- Change toothed belt. (*)
- Check exhaust gas recovery and adjustment rod clearance. (*)
- Check relief valve in the engine block.
- Change ribbed V-belt and idler roller.
- Change DPF burner ignition plug.
- Change hydraulic oil filter.
- Change hydraulic oil.
- Change cabin air filter

Date

Stamp

Signature

* At DEUTZ authorised workshops

2250 h

- Battery electrolyte level check
- Check reducer gearbox oil level.
- Check front axle oil level.
- Check rear axle oil level.
- Check level oil planetary hubs.
- Wheel nuts tightening torque check.

Date

Stamp

Signature

2500 h

- Change engine oil.
- Change engine oil filter.
- Check coolant.
- Clean cabin air filter.
- Change oil in planetary hubs.

Date

Stamp

Signature

2750 h

- Battery electrolyte level check
- Check reducer gearbox oil level.
- Check front axle oil level.
- Check rear axle oil level.
- Check level oil planetary hubs.
- Wheel nuts tightening torque check.

Date

Stamp

Signature

3000 h

Refer to page 11

- Check battery and cable connections.
- Check V-belt.
- Check engine mounting (replace if damaged).
- Check hose connections/clamps (replace if damaged).
- Change fuel filter.
- Change fuel pre-filter.
- Change intake air filter.
- Change hydraulic oil filter.
- Change gearbox oil.
- Change axle oil.
- Change pump drive oil.
- Change engine oil.
- Change engine oil filter.
- Check coolant.
- Clean cabin air filter.
- Change oil in planetary hubs.

Date

Stamp

Signature

EXTRAORDINARY MAINTENANCE SERVICE 1

Date

Stamp

Signature

EXTRAORDINARY MAINTENANCE SERVICE 2

Date

Stamp

Signature

EXTRAORDINARY MAINTENANCE SERVICE 3

Date

Stamp

Signature



ENERGREEN®

Professional Machines

36026 CAGNANO DI POJANA MAGGIORE (Vicenza) - ITALY - Via Pietre, 73
Tel. +39 0444 864301 r.a. - Fax +39 0444 864366
E-mail: service@energreen.it - www.energreen.it

WARRANTY - CLAIM

CLAIM DATE:

CLAIM No: 

CUSTOMER DATA:

COMPANY:		
ADDRESS:	TOWN:	COUNTY:
PHONE:	E-MAIL:	

MACHINE DATA:

MACHINE MODEL:	MACHINE SERIAL NUMBER:	
ENGINE SERIAL NUMBER:	DATE FIELDDED:	WORKING HOURS:

DEFECT:

DEFECT DATE:	REPAIR DATE:
FAILURE DESCRIPTION:	

PART NUMBER	DESCRIPTION	Qt.	PRICE	TOTAL

WORKING HOURS:

WORKING HOURS UNDER WARRANTY:

TOTAL KM:

KM UNDER WARRANTY:

NOTES:



ENERGREEN®
Professional Machines

ENERGREEN SRL

Via Pietre, 73

36026 Cagnano di Pojana Maggiore (VI) - ITALY

Tel. +39 0444 1511200

Fax +39 0444 1511252

www.energreen.it

commerciale@energreen.it



Company ID Number: 513478

THE E-VERIFY PROGRAM FOR EMPLOYMENT VERIFICATION MEMORANDUM OF UNDERSTANDING

ARTICLE I

PURPOSE AND AUTHORITY

This Memorandum of Understanding (MOU) sets forth the points of agreement between the Department of Homeland Security (DHS) and Warrior Tractor & Equipment Co., Inc. (Employer) regarding the Employer's participation in the Employment Eligibility Verification Program (E-Verify). This MOU explains certain features of the E-Verify program and enumerates specific responsibilities of DHS, the Social Security Administration (SSA), and the Employer. E-Verify is a program that electronically confirms an employee's eligibility to work in the United States after completion of the Employment Eligibility Verification Form (Form I-9). For covered government contractors, E-Verify is used to verify the employment eligibility of all newly hired employees and all existing employees assigned to Federal contracts or to verify the entire workforce if the contractor so chooses.

Authority for the E-Verify program is found in Title IV, Subtitle A, of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996 (IIRIRA), Pub. L. 104-208, 110 Stat. 3009, as amended (8 U.S.C. § 1324a note). Authority for use of the E-Verify program by Federal contractors and subcontractors covered by the terms of Subpart 22.18, "Employment Eligibility Verification", of the Federal Acquisition Regulation (FAR) (hereinafter referred to in this MOU as a "Federal contractor with the FAR E-Verify clause") to verify the employment eligibility of certain employees working on Federal contracts is also found in Subpart 22.18 and in Executive Order 12989, as amended.

ARTICLE II

FUNCTIONS TO BE PERFORMED

A. RESPONSIBILITIES OF SSA

1. SSA agrees to provide the Employer with available information that allows the Employer to confirm the accuracy of Social Security Numbers provided by all employees verified under this MOU and the employment authorization of U.S. citizens.
2. SSA agrees to provide to the Employer appropriate assistance with operational problems that may arise during the Employer's participation in the E-Verify program. SSA agrees to provide the Employer with names, titles, addresses, and telephone numbers of SSA representatives to be contacted during the E-Verify process.
3. SSA agrees to safeguard the information provided by the Employer through the E-Verify program procedures, and to limit access to such information, as is appropriate by law, to individuals responsible for the verification of Social Security Numbers and for evaluation of the E-Verify program or such other persons or entities who may be authorized by SSA as governed

Company ID Number: 513478

To be accepted as a participant in E-Verify, you should only sign the Employer's Section of the signature page. If you have any questions, contact E-Verify at 888-464-4218.

Employer Warrior Tractor & Equipment Co., Inc.	
Stanley McCracken	
Name (Please Type or Print)	Title
Electronically Signed	03/01/2012
Signature	Date
Department of Homeland Security – Verification Division	
USCIS Verification Division	
Name (Please Type or Print)	Title
Electronically Signed	03/01/2012
Signature	Date

Information Required for the E-Verify Program	
Information relating to your Company:	
Company Name:	Warrior Tractor & Equipment Co., Inc.
Company Facility Address:	6801 McFarland Blvd
	Northport, AL 35476
Company Alternate Address:	P O Box 412
	Northport, AL 35476
County or Parish:	TUSCALOOSA
Employer Identification Number:	630588737

Company ID Number: 513478

North American Industry Classification Systems Code:	423
Administrator:	Warrior Tractor and Equipment Co., Inc.
Number of Employees:	100 to 499
Number of Sites Verified for:	1
Are you verifying for more than 1 site? If yes, please provide the number of sites verified for in each State:	
<ul style="list-style-type: none">• ALABAMA 1 site(s)	

Information relating to the Program Administrator(s) for your Company on policy questions or operational problems:

Name:	Stanley N McCracken	Fax Number:	(205) 333 - 0101
Telephone Number:	(205) 339 - 0300		
E-mail Address:	wte024@warriortractor.com		