

**ILF ASPEN** 143HP



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

SELF-PROPELLED  
HYDROSTATIC  
MACHINES



**SELF-PROPELLED**  
HYDROSTATIC MACHINES



# BRUSHCUTTER

## Professional Brushcutter

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**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 19 ft or 23 ft 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 I work through a large window.

**ILF Aspen** is a machine extremely reliable and safe in any operating context and it turns out to be the best solution for municipalities, administrations and public bodies.

## ILF ASPEN



# STRENGTHS

## ILF ASPEN



## STRENGTHS



### Safety and Comfort

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



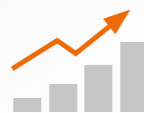
### Quality

- Special steel reinforced frame
- Certified European components
- Deutz 143 HP EPA Tier 4f powerful engine
- Heavy Duty hydrostatic transmissions



### Multifunctional

- Sturdy 23 ft telescopic arm
- Many tools available
- Green maintenance
- Aerial pruning and forestry work



### Productivity

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





# BRUSHCUTTER

## Naturally Green

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**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



**GREAT VISIBILITY OF THE WHEEL**



## Complete Visibility of the Working Environment

The first surprising feature inside the cabin is the visibility, that guaranties 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

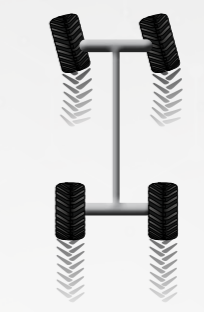


## Agility and Accuracy in the Movements

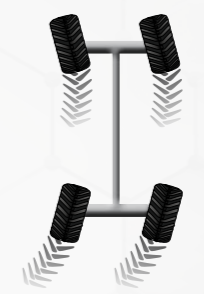
The polyvalent soul of this machine is highlighted also from the 4-wheel drive traction system, all steering, hydraulically configurable from the cab control in 3 different operating modes:

- **2 front steering wheels**, for the maximum agility on road movement.
- **4 steering wheels**, a system that halves the turning range of the machine, ideal for working in narrow areas.
- **4 parallel steering wheels (crab)**, useful for moving special tools or for moving away from an obstacle.

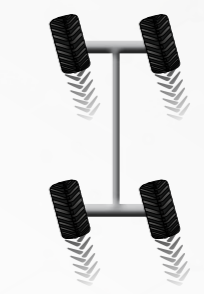
2 STEERING WHEELS



4 STEERING WHEELS CONCENTRIC



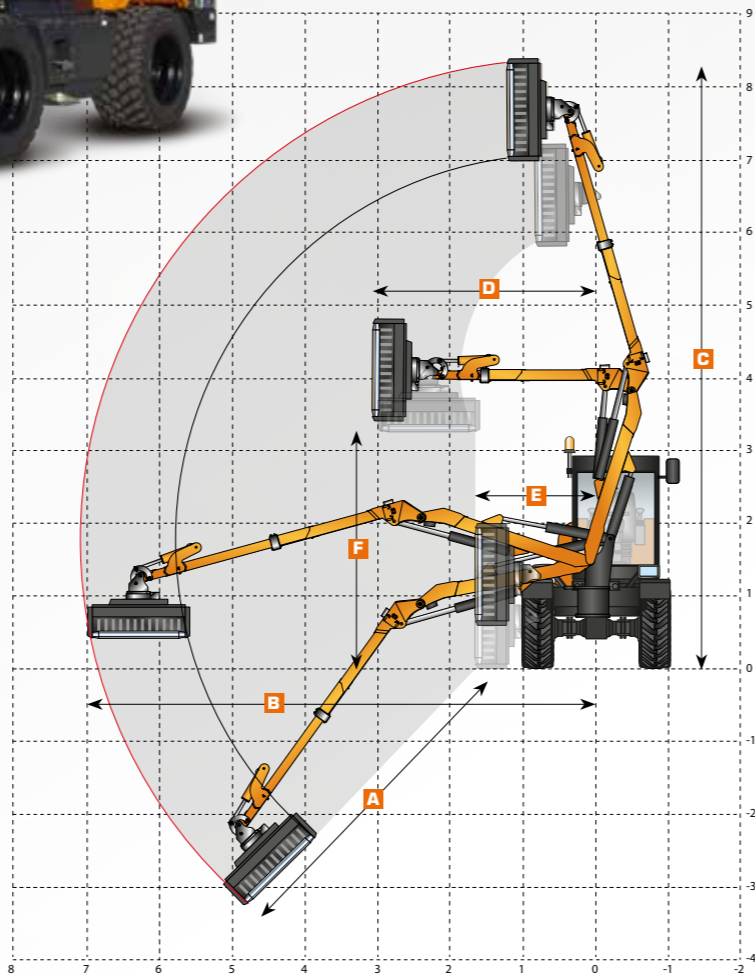
4 STEERING WHEELS PARALLEL





Telescopic arm has been designed to work with an extension up to 23 ft wide and 26 ft 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.

MOD.	A	B	C	D	E	F
FAST 6	11'5"	19'6"	23'9"	10'1"	5'2"	10'5"
FAST 7	17'5"	24'2"	28'8"	9'6"	5'5"	11'6"















Technical and construction specifications may be subject to change without prior notice.

# TELESCOPIC ARM

## EQUIPMENT


THE SUITABLE TOOL FOR EVERY WORK

 <b>CONVEYOR HEAD</b>	 <b>FORESTRY HEAD</b>	 <b>SAW BAR</b>
 <b>CUTTER BAR</b>	 <b>POWER SHEARS</b>	 <b>STUMP GRINDER</b>
 <b>EXTRA TRUNK</b>	 <b>ORANGE PEEL GRAPPLE</b>	 <b>TRUNK PINCERS</b>
 <b>FORC-ONE</b>	 <b>DITCH CLEANER</b>	 <b>IRON BRUSH</b>



**NEW SPEED**  
**47" and 59"**  
**CUTTING HEAD**

Special steel frame - Frontal hydraulic opening (Optional)  
Adjustable roller - Five types of rotors  
Engine 35 cc (350 bar) - Cutting diameter 3 1/2" max.



**ROTATOR UNIT**  
ROTATOR UNIT FOR 180° EQUIPMENT ROTATION

MODERN EQUIPMENT

# TECHNICAL DATA

TECHNICAL DATA AND DIMENSIONS

Technical and construction specifications may be subject to change without prior notice.



Large storage area for tools



Integrated steps



Cabin porthole

OPTIONAL



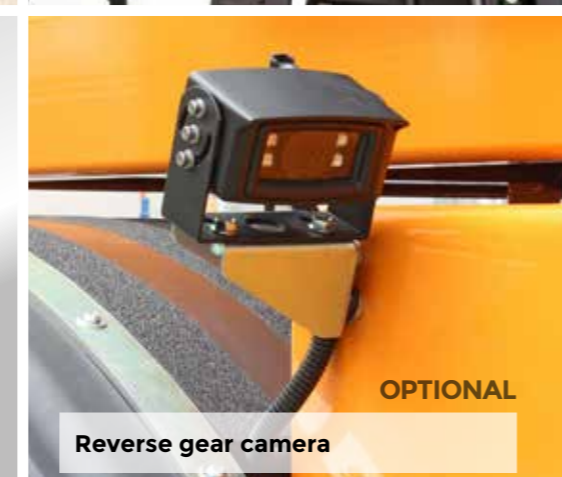
Mudguards set

OPTIONAL



Cleanfix® Reversible self cleaning

OPTIONAL



Reverse gear camera

OPTIONAL



Automatic greasing system for arm

OPTIONAL



Tires  
BKT 500/45 R 22,5

STANDARD



Tires  
ALLIANCE 600/50 22,5 331 8 F offset - 25

OPTION

## CABIN

Cabin homologation	ROPS - FOPS (1° Level)
Steering wheel	Adjustable
Joystick	Electronic
Air conditioning	Electronic
Rear glasses	Darkened anti UV
Adjustable seat	Air suspension
Power socket	12 V
Battery switch	Automatic

## ENGINE

Brand	Deutz TCD 3.6
Type	4 Cylinders Diesel
Power	143 hp (105 kW)
Injection	Common Rail - 4 valves for cylinders
Exhaust emissions	EPA Tier 4f
Alternator	120 A.
Fuel tank capacity	42 gal
Fan	CLEANFIX (optional)
Pre-heating air engine intake	
Air intercooler radiator	
Reinforced cooler radiator	
Computer for visualization engine data	

## HYDRAULIC SYSTEM

Pumps and motors in open circuits	
Arm movement	Gear
Brakes system	Gear
Steering system	Gear
Pumps and motors in closed circuits	
Cutting head pump	Piston
Translation pump	Piston
Hydraulic distributor	sections
Hydraulic oil	ISOVG H46
Oil pressure	210 - 290 bar

## TRANSMISSION AND BRAKES

Transmission	Hydrostatic
Traction	4x4 (permanent)
Steering radius	7 ft
Tires	Standard: 500/45 R 22,5
Speed variation	0 - 24 mph (continuous)
Manual gearbox	2 gears
Wheel alignment	Electronic control
Front axle	Fixed
Rear axle	Oscillating
Steering axles	2 steering axles
Axle block	Front 100%
	Rear 100%
Parking brake	Negative
Service brakes	6 discs

## SIZE AND WEIGHT

A Height	116 in
B Width	89 in
C Length	222 in
D Wheelbase	96 in
Weight	20,000 lbs



# ACCESSORIES & OPTIONAL





**ILF ASPEN**

**ENERGREENAMERICA.COM**



# SELF-PROPELLED HYDROSTATIC MACHINES



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PROFESSIONAL MACHINES AND EQUIPMENT



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