Customized configuration

Thanks to its MULTIFUNCTIONAL capabilities, the machine can be adapted to meet every customer need, handling the most demanding working conditions and specific applications.



Example of configuration

High-elevation construction

Base machine
+ Forestry boom
+ Forestry processor kit

Simplicity, Economy, Unique Performance!

Each module and accessory is designed to optimize operational efficiency in real-world scenarios:
- *Logging and timber harvesting*
- *Branch handling and land clearing*
- *Rapid forest safety operations and creation of firebreak lines*
- *Support at construction and mountain sites*

Logistical simplicity

The Mountain Spider can be transported on a standard trailer.
This makes it extremely practical for multi-site operations and mobile fleets.







MOUNTAIN SPIDER

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MOUNTAIN SPIDER



THE MULTIFUNCTIONAL *REVOLUTION FOR EXTREME TERRAIN*

Innovative machine PATENTED



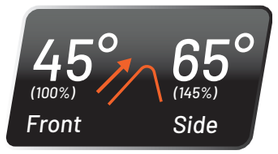
The only forestry machine that can handle frontal slopes of up to 45° (100%) and side slopes of up to 65° (145%), *with power, safety and precision.*

Capable of transporting 12 tons of logs or other materials, the Mountain Spider is a self-propelled, remote-controlled machine designed for the toughest challenges in forestry, firefighting, construction, and more.



MOUNTAIN SPIDER:
the machine that simplifies work where the others stop.

Key features









Maximum flexibility: *can climb slopes of up to 65° laterally and 45° frontally.*

Unprecedented load capacity: *12 tons on extreme slopes.*

Remote control via radio transmitter: *maximum safety for the operator.*

Modular configurability*in according to the intended use*

Mountain Spider is a PATENTED multifunctional, self-propelled, radio-controlled forestry machine designed to operate safely in extreme terrain, slopes up to 45°(100 percent) frontally and 65°(145 percent) laterally, rugged or inaccessible areas.
Designed to work without an operator on board, capable of carrying over 12 tons of materials, it is the ideal solution for forestry operations, material handling, fire prevention and more.

PATENTED *electro-hydraulic self-leveling system for the loading platform*
4 pairs of articulated wheels *to overcome obstacles and stabilize the machine on any terrain*
Rubberized machine *for limited soil impact*
Stage V Diesel Engine *with after-treatment for low emissions*
Hydraulic system *with environmentally friendly oil*
Integrated GPS*, telemetry and remote monitoring systems*

Areas of application



Forestry



Firefighting



Agriculture



Construction



Energy



Handling

Technical characteristics

Empty operating weight	*14.500 kg*
Loaded machine operating weight	*26.500 kg*

Engine

Model	*CAT C7.1*
Max power	*168 Kw*
Max torque	*2200 rpm*
Displacement	*7100 cc*
No. of cylinders	*6*
Emission class	*STAGE V*
Cooling	*Combined air/water system*
Consumption	*18,00 l/h*

Hydraulic System

YPE OF PUMPS

Traction pump flow rate	*198 lt/min*
Open circuit pump flow rate	*220 lt/min*
Max traction calibration pressure	*280 bar*
Max calibration pressure open circuit	*280 bar*
AUX circuit scope	*160 lt/min*
AUX max calibration pressure	*250 bar*

Performance

HYDROSTATIC

Travel speed	
1st gear: 5 Km/h	*2nd gear: 10 km/h*
Maximum slope (loaded machine)	*45,00 °*
Maximum traction force	*220 KN*

Refueling

TYPE

Diesel tank	*330 l*
Hydraulic oil tank	*170 l*
Diesel tank	*19 h*
Engine oil	*16 l*

Letter	mm	Description
A	*9620*	*Maximum length*
B	*3600*	*Load height*
C	*1740*	*Minimum platform height from the ground*
D	*5050*	*Platform-Ground clearance*
E	*3310*	*Maximum boom extension*
F	*2270*	*Minimum boom opening*
G	*3440*	*Maximum boom opening*
H	*45°(100%)*	*Maximum frontal tilt*
I	*65°(145%)*	*Maximum lateral tilt with booms closed*
L	*45°(100%)*	*Maximum lateral tilt with booms open*

Output
Input

MOUNTAIN SPIDER

