



THE JARRAFF
ALL-TERRAIN TREE TRIMMER

Pinotti

UNBEATABLY FAST. SAFE. EFFICIENT.

CROWNING ACHIEVEMENT

The JARRAFF All-Terrain Tree Trimmer is an off-road tree trimmer and is excellent for right-of-way maintenance and vegetation management for utility companies, railway tracks, aiding wind turbine infrastructure construction, landscaping, or even tree removal.

The JARRAFF tree trimmer surpasses conventional methods of right-of-way and clearance maintenance, such as helicopter saws, aerial lifts, and climbers, in many aspects.

Working with the JARRAFF tree trimmer ensures maximum work safety and is many times more productive compared to conventional methods. The effort required for planning work, safety measures and approval procedures for power shutdowns or the use of helicopter saws is significantly reduced.

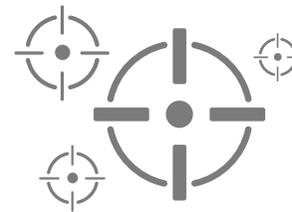


REACH THE UNREACHABLE



MAXIMUM POWER, ABSOLUTE SAFETY

The high-tensile isolated fiberglass boom arm provides reliable dielectric protection for the vehicle and operator. With the JARRAFF, power lines of low and medium voltage networks up to 50 V can be cut under power without any problems, completely without disconnecting the power.



FAST & PRECISE

Exactly placed cuts, even at great heights, avoid unnecessary cutting damage or fraying and ensure the highest cutting quality, precision and speed.



SIMPLE & COMFORTABLE

The operator sits comfortably in the air-conditioned cab on the ground, protected from dangers and environmental influences. A cutting-edge touch screen makes the JARRAFF very easy and comfortable to operate.

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JARRAFF TREETRIMMER



HIGH-TENSILE, NON-CONDUCTIVE FIBERGLASS BOOM

The JARRAFF can operate along medium-voltage power lines up to 50 kV without disconnecting the power - an important argument for power line operators in favour of the service provider using the JARRAFF.

Articulated with all-wheel drive and limited slip differential with 4 internal brakes for optimal work on steep slopes.



SIMPLE TO USE

With three four-way joysticks, the operator can easily manoeuvre the boom and position the saw blade. He is supported in his precision work by clear, distinct instrument displays.



CUMMINS QSF 3,8 L DIESEL

The 130 hp Stage V diesel engine meets all Exhaust Emissions Requirements regulations, while improving overall fuel efficiency and roading speed. The positioning of the engine allows easy access and service.



„The performance of 2-3 kilometres of path per day convinced us. That is much more than what we have achieved so far with a lifting platform and motorsaw.“

Günther Heiss, Heiss Landschaftsbau GmbH
in Emmingen-Liptinge (Germany)



AIR CONDITIONED, SAFE CABIN

The operator can work comfortably and independently of the weather. In addition to LED spotlights and a reversing camera, the cabin complies with the highest safety standards (ROPS/FOPS/OPS).



TOUCH SCREEN CONTROL CENTRE

The innovative touch-screen displays all important operating and engine parameters in real time, as well as the image from the reversing camera. In addition, the driver can access maintenance schedules, engine logs and even the operating manual.

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PERFECT CUT ALL AROUND

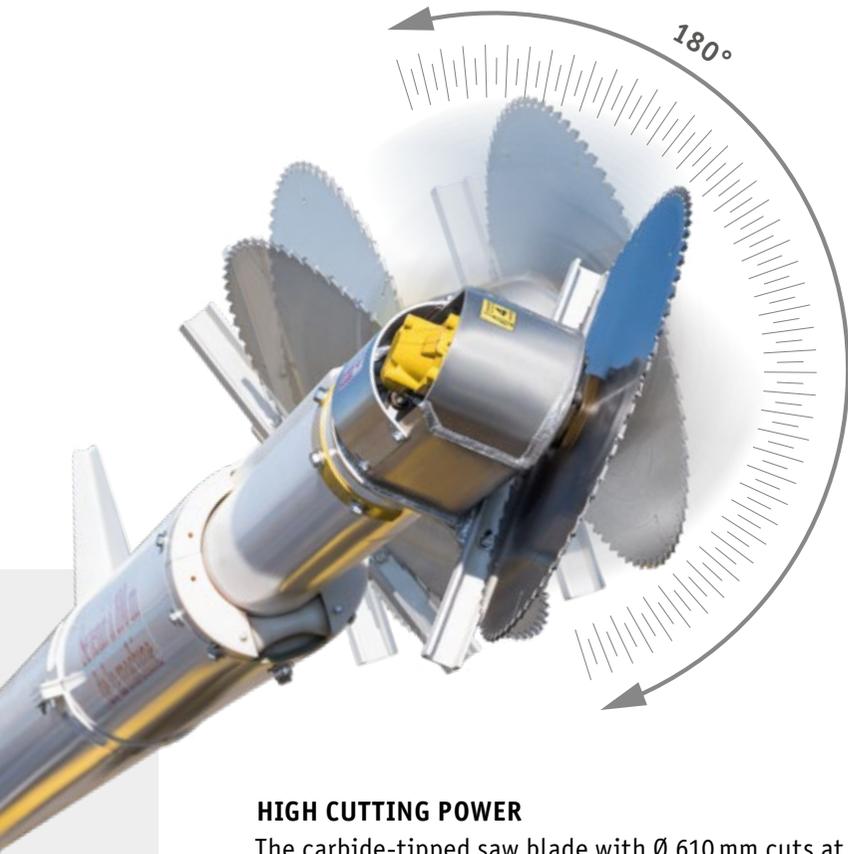
The JARRAFF enables agricultural & forestry service providers to achieve more output (km path / day) with significantly less manpower and in less time.



With its long boom and 180° tiltable saw blade at the end, the telescoping boom can effortlessly reach and cut branches up to 20 cm in diameter at heights of up to 23 m. The boom sits on a 360° swiveling slewing ring, which can also be swiveled sideways up to 40 degrees both directions during operation to optimally adapt to uneven terrain.



The unique design of the saw head allows the user to perform even difficult cuts quickly and in a controlled manner. The saw head can be rotated 180° – in combination with the lateral tilt of the cab, this enables precise work in all positions.



HIGH CUTTING POWER

The carbide-tipped saw blade with \varnothing 610 mm cuts at 3,200 min⁻¹ and ensures smooth and clean cuts. The branches thus fall vertically, peeling and fraying of the bark is avoided.

HYDRAULIC

The internal hose reel optimally protects the important hydraulic hoses and valves from falling branches and dirt.



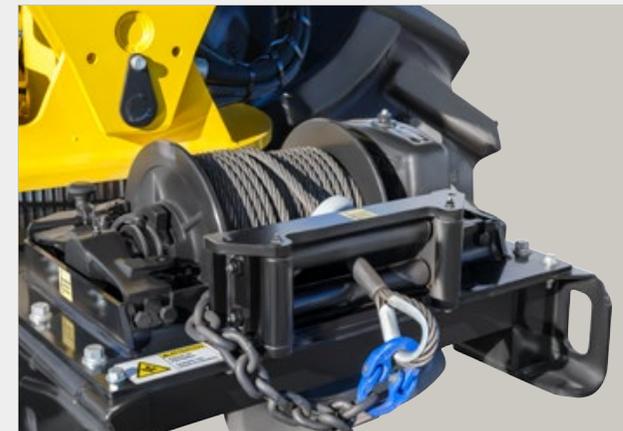
PUSH BLADE

The optimized design and the ideal angle of approach allow efficient work: best stability in difficult terrain, clearing of trimmed material and preparation for the next work steps (mulching).



WINCH

Optimally equipped for use in steep and rugged terrain, vehicle security, or recovery.



QUAD-TRACK INSTEAD OF 4-WHEEL



MAXIMUM TRACTION

JARRAFF Quad Track: Specially designed for moderately soft surfaces where stability and high traction is required.

TECHNICAL DATA

ENGINE

Engine	Cummins QSF 3.8 L four-cylinder diesel
Emission Stage	5
Power	97 kW / 130 HP
Diesel fuel tank	46 gal (174 l)

TRANSMISSION

Hydraulic transmission

WEIGHT

	4-WHEEL	QUAD-TRACK
Weight	24,820 lbs (11,258 kg)	28,649 lbs (12,995 kg)
Ground pressure	6.7 psi (0.46 kg/cm ²)	5.3 psi (0.35 kg/cm ²)

DIMENSIONS

	4-WHEEL	QUAD-TRACK
Width	max. 10ft, 4 in (2.62 – 3.15 m)	8 ft, 6 in (2.59 m)
Length	25 ft, 4 in (7.62 m)	25 ft, 4 in (7.62 m)
Total length	41 ft, 6 in (12.65 m)	41 ft, 6 in (12.65 m)
Height	11 ft, 6 in (3.51 m)	11 ft, 6 in (3.51 m)

BOOM

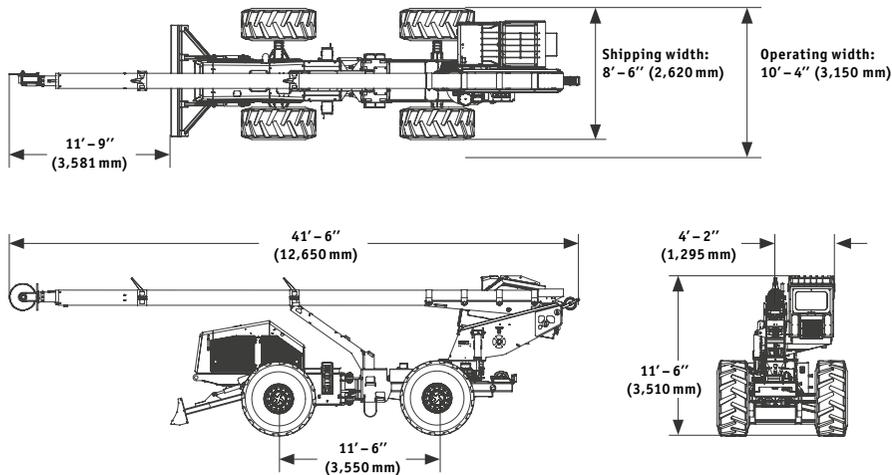
Cutting height maximum	75 ft (23 m)
Saw blade diameter	24 in (610 mm)
Saw blade rotation	180°
Boom non-conductive according to ANSI 92.2 Cat. C standard	

WINCH

Length	150 ft (45 m)
Traction force	20,000 lbs (9,000 kg)

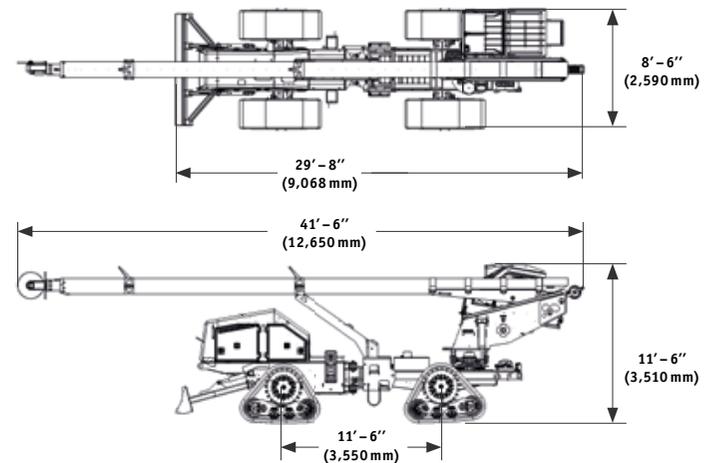
4-WHEEL-DRIVE

Tire size	28 L x 26
Wheel-Base	140 in (3,550 mm)
Max. Speed	(12.4 mph) 20 km / h



QUAD-TRACK UNDERCARRIAGE

Crawler type	with rubber undercarriage
Width	24 in (610 mm)
Max. Speed	(7.5 mph) 12 km / h



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