

# JARRAFF

THE ALL-TERRAIN TREE TRIMMER



# JARRAFF

By *Pinotti*



# REVOLUTIONARY TREE TRIMMER

**JARRAFF'S ALL-TERRAIN MECHANICAL TREE TRIMMER PROVIDES THE INDUSTRY'S SAFEST AND FASTEST SOLUTION FOR CLEARING AND MAINTAINING VEGETATION AT HEIGHTS UP TO 75' ON UTILITY RIGHT-OF-WAYS.**



## **PRIORITIZE SAFETY**

Experience unmatched safety with Jarraff's ground-based trimming, eliminating the risks of working at heights. Operators work from a climate-controlled cab with ROPS<sup>1</sup> and FOPS<sup>2</sup> protection.



## **REVOLUTIONARY TREE TRIMMER**

A Jarraff tree trimmer performs 5-10 times more the daily work of traditional methods like bucket trucks, lifts and climbers.



## **DURABLE AND RELIABLE SOLUTION**

Designed to run 10,000+ hours, the Jarraff requires only one operator allowing you to do more work with less labor.

1 Rollover protective structure | 2 Falling object protective structure

# A DRIVE STYLE FOR ANY TERRAIN

PAIR THE JARRAFF MECHANICAL TREE TRIMMER TO 5 DRIVE OPTIONS. ENJOY THE SAME OPERATIONAL FEATURES AND FUNCTIONALITY WHILE ENSURING THE BEST DRIVE STYLE FOR YOUR TERRAIN.



## JARRAFF 4 Wheel Drive



Roadability	★★★★★
<b>TERRAIN</b>	
Steep slopes	★★★★★
Swampy/wet area	★★☆☆☆
Low ground pressure	★★☆☆☆
Snow/ice	★★★☆☆

## JARRAFF Quad Track



Roadability	★★★★☆	Lower top speed than Jarraff 4 Wheel Drive
<b>TERRAIN</b>		
Steep slopes	★★★★★	
Swampy/wet area	★★★★☆	
Low ground pressure	★★★☆☆	
Snow/ice	★★★★★	

## JARRAFF Rubber Track



Roadability	★★★☆☆
<b>TERRAIN</b>	
Steep slopes	★★★★☆
Swampy/wet area	★★★★☆
Low ground pressure	★★★★☆
Snow/ice	★★★☆☆

## JARRAFF Rubber Track Steel Cleat



Roadability	★★☆☆☆	ok on non-paved roads
<b>TERRAIN</b>		
Steep slopes	★★★★☆	
Swampy/wet area	★★★★★	
Low ground pressure	★★★★★	
Snow/ice	★★☆☆☆	

## JARRAFF Mountable



A turnkey solution to meet your carrier needs - just add power.

# SAFE. FAST. EFFICIENT.

**JARRAFF ENABLES ROW CONTRACTORS TO DO MORE WORK, FASTER, WITH LESS LABOR TO MAXIMIZE EFFICIENCIES.**

## SIMPLE TO USE

With ergonomics in mind, the Jarraff is simple to use with three, four-way joy sticks to maneuver the machine.



## TELESCOPING FIBERGLASS BOOM

Telescoping di-electric fiberglass boom for a max operating height of up to 75 ft. The inner boom meets ANSI 92.2 Category C dielectric compliance providing additional safety around power lines.

Branch deflector

**STAY BACK  
300 FEET**

Rotatable 24 in / 610 mm carbide-tipped saw blade



Climate controlled cab

Reverse camera

Inclinometer

Air conditioner with protective grille

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

Powerful, economical Cummins engine with 130 hp / 97 kW

Push blade

## CUMMINGS 3.8 L DIESEL ENGINE

The 130 hp tier-4f diesel engine\* meets current exhaust emissions requirements, while improving overall fuel efficiency and roading speed. The positioning of the engine allows for easy access and service.

\* Stage V 100 kW/134 HP available in Europe.



## ULTIMATE CABIN COMFORT

The Jarraff cabin is climate controlled with heat and A/C with an ergonomic design. The cab complies with the highest safety standards (ROPS/FOPS/OPS\*) and features LED lights and a backup camera.

\* ROPS = Roll-over protective structure cab  
FOPS = Falling object protective structure  
OPS = Operator protective structure



## TOUCHSCREEN CONTROL CENTER

The innovative touchscreen displays all important operating and engine parameters in real time, as well as the backup camera feed. It also provides access to maintenance schedules, engine logs, and the operating manual.



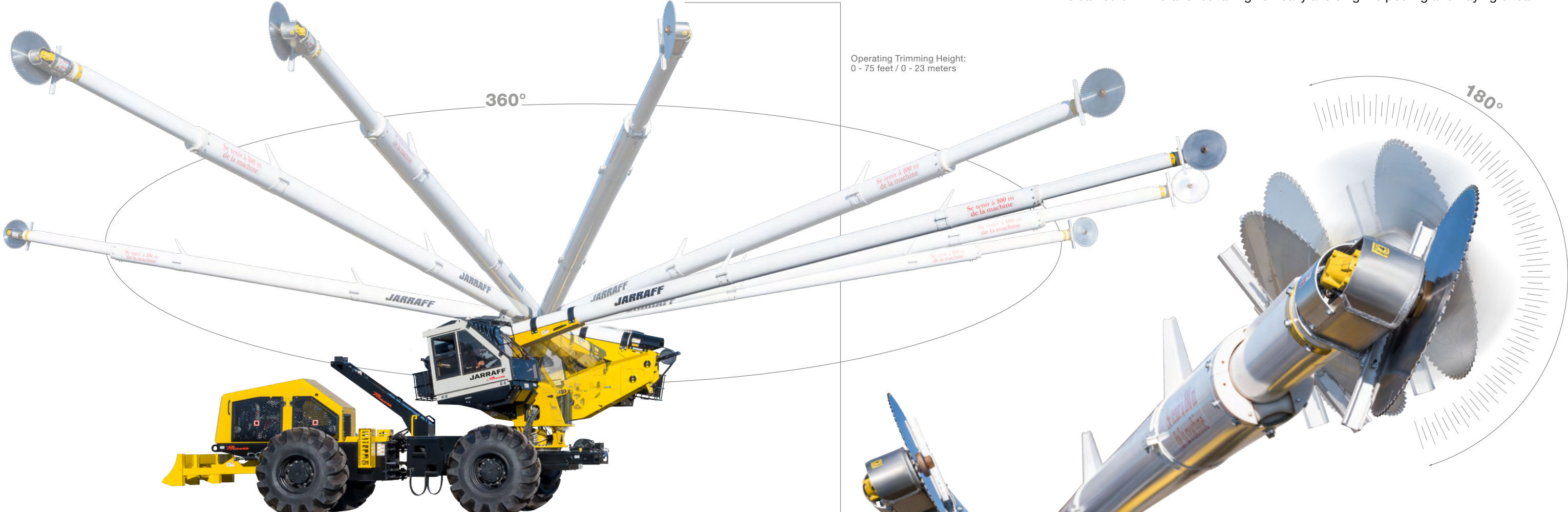
# THE ULTIMATE TRIMMING MACHINE

### ROTATING SAW HEAD

The patented rotating saw head design allows the user to easily trim off either side of the machine and tackle the most difficult cuts with ease. Paired with the lateral tilt of the cab, the Jarraff dominates precise cutting when and where you need it.

### HIGH CUTTING POWER

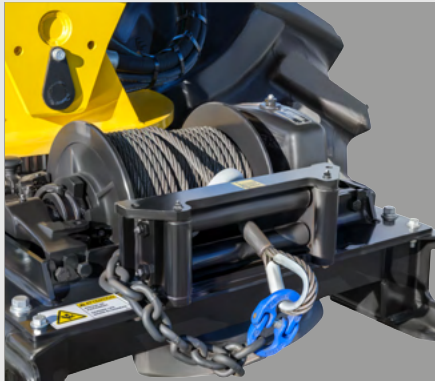
The 24 in (610 mm) carbide-tipped, high powered saw blade creates smooth and clean cuts with branches falling vertically avoiding the peeling and fraying of bark.



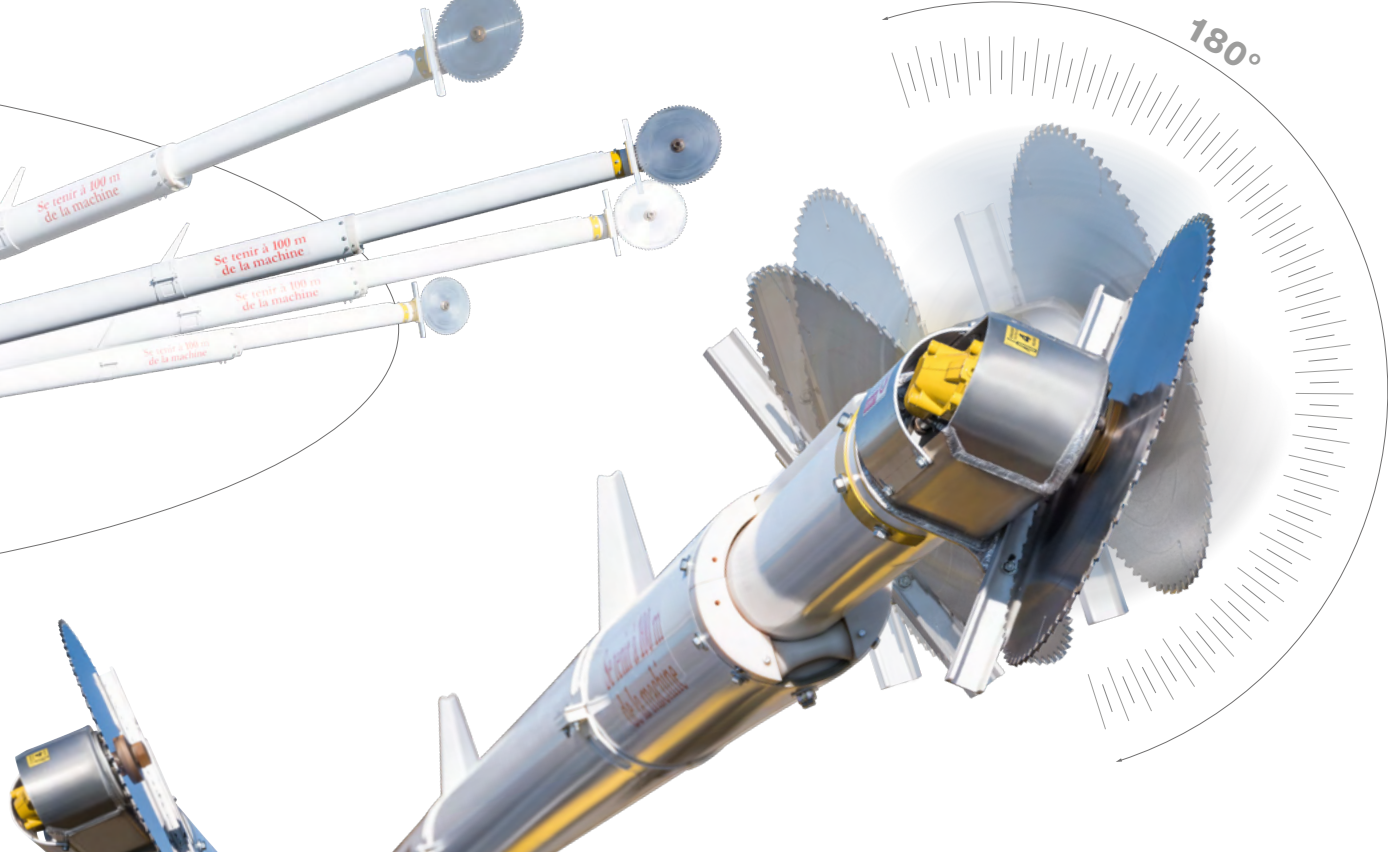
**HYDRAULIC**  
The internal hose reel optimally protects the important hydraulic hoses and valves from falling branches and dirt.



**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**  
20,000 lb. rear-mounted recovery winch. An additional front-mount winch is optional.



With its long boom and 180° rotating saw blade at the end, the telescoping boom can effortlessly reach and cut branches up to 8 in (20 cm) in diameter at heights of up to 75 ft (23 m). The boom sits on a 360° swiveling slewing ring, which can swivel sideways up to 40 degrees both directions during operation to optimally adapt to uneven terrain.

# MINI JARRAFF

**AN UNMATCHED URBAN ROW SOLUTION OFFERING MANY OF THE SAME GREAT FEATURES OF A FULL-SIZED JARRAFF IN A COMPACT, REMOTE-CONTROLLED MACHINE.**



## EXPANDING LEGS

The automatically adjusting legs narrow to machines overall width to 48 in and widen to 126 in, allowing the machine to fit in the tightest of spaces - no outriggers required.



## TELESCOPING FIBERGLASS BOOM

Telescoping di-electric fiberglass boom for a max operating height of up to 55 ft. Inner boom meets ANSI 92.2 Category C dielectric compliance providing additional safety around power lines.

## REMOTE-CONTROLLED OPERATION

A wireless operator remote control with extended range allows the operator to maintain a safe distance from the machine while working. The LCD display and battery allow for 8+ hours of continuous operation.



## DEUTZ 2.9 L DIESEL ENGINE

The 74 HP Tier-4f engine meets current emissions requirements. Its design offers easy access to maintenance points. Non-DPF, no DEF required.



## DISPLAY

The easy-to-use display gives the operator several ways to view engine and hydraulic vitals, while also providing the operator self-diagnostic capabilities.



## UPRIGHT SWING

Rotating upright can swing 360° in each direction, allowing the operator to make the most precise cuts.



## SAFETY TO PROVIDE PIECE OF MINE

The Mini Jarraff provides several safety measures including:

- Fail safe brakes: fail safe internal wet disc emergency brakes and full locking differential
- Built in operation parameters limit machine movement, providing safety in the most uneven terrain
- SCS Remote: the safeguard control system features include trip/fall protection, shutdown time, emergency hard link tether and body harness to keep the operator safe and comfortable throughout the day
- On-board fire extinguisher (20 lb)





# PRINOTH CONNECT FLEET MANAGEMENT

## TRACK YOUR EQUIPMENT'S LOCATION AND ACTIVITY IN REAL-TIME

With our fleet management system, you'll get a clear picture of your entire Jarraff by Prinoth operation, allowing you to make informed decisions and improve efficiency.

## SAVE RESOURCES AND REDUCE COSTS

- Gain valuable insights into equipment performance and usage patterns
- Make informed decisions about equipment purchases and maintenance
- Minimize repair costs with the capability to do some diagnostics before leaving the shop
- Improve safety and security
- Track key metrics such as GPS location, engine metrics, fuel consumption, saw blade or mulch head run time, and more!

Applicable machines: Jarraff 4 Wheel Drive, Jarraff Quad Track, Jarraff LGP Rubber Track Steal Cleat, Jarraff LGP Rubber Track, T-Rex all models



## TECHNICAL SPECIFICATIONS

### JARRAFF 4 WHEEL DRIVE

Drive	Hydraulic	Work Mode Width	124 in (3,150 mm)
Drive System	Rubber Wheel	Transport Mode Width	102 in (2,591 mm)
Engine	Cummins Diesel Tier 4F Compliant	Maximum Working Height	75 ft (22,860 mm)
Power	130 HP (97 kW)	Height	138 in (3,505 mm)
Tank Capacity	46 gal (174 l)	Weight (wet)	24,820 lbs (11,260 kg)
Travel Speed	12.4 MPH (20 KPH)	Ground Pressure	6.7 PSI (0.46 Bar)
Length	498 in (12,649 mm)	Gradeability sideways/frontal	25° / 25°

### JARRAFF QUAD TRACK

Drive	Hydraulic	Machine Width	102 in (2591 mm)
Drive System	Rubber Track	Maximum Working Height	75 ft (22,860 mm)
Engine	Cummins Diesel Tier 4F Compliant	Height	138 in (3,505 mm)
Power	130 HP (97 kW)	Weight (wet)	29,920 lbs (13,570 kg)
Tank Capacity	46 gal (174 l)	Ground Pressure	5.3 PSI (0.36 Bar)
Travel Speed	7.5 MPH (12 KPH)	Gradeability sideways/frontal	25° / 25°
Length	498 in (12,649 mm)		

### JARRAFF RUBBER TRACK

Drive	Hydraulic	Machine Width	96 in (2,438 mm)
Drive System	Rubber Track	Maximum Working Height	75 ft (22,860 mm)
Engine	Cummins Diesel Tier 4F Compliant	Height	138 in (3,505 mm)
Power	130 HP (97 kW)	Weight (wet)	26,680 lbs (12,102 kg)
Tank Capacity	46 gal (174 l)	Ground Pressure	4.12 PSI (0.28 Bar)
Travel Speed	5 MPH (3 KPH)	Gradeability sideways/frontal	25° / 25°
Length	498 in (12,649 mm)		

### JARRAFF STEEL CLEATED RUBBER TRACK

Drive	Hydraulic	Maximum Working Height	75 ft (22,860 mm)
Drive System	Steel Cleated Rubber Track	Height	138 in (3,505 mm)
Engine	Cummins Diesel Tier 4F Compliant	Weight (wet)	24,660 lbs (11,200 kg)
Power	130 HP (97 kW)	Ground Pressure	3.0 PSI (0.21 Bar)
Tank Capacity	46 gal (174 l)	Gradeability sideways/frontal	25° / 25°
Travel Speed	5 MPH (3 KPH)		
Length	498 in (12,649 mm)		

### JARRAFF MOUNTABLE

Machine Width	73 in (1854 mm)	Length	485 in (12,319 mm)
Height	92 in (2,367 mm)	Weight (wet)	6,270 lbs (2,844 kg)

### MINI JARRAFF

Drive	Hydraulic	Work Mode Width	124 in (3,150 mm)
Drive System	Rubber Wheel	Transport Mode Width	74 in (1,880 mm)
Engine	Deutz Tier 4 Diesel Engine	Maximum Working Height	55 ft (16,764 mm)
Power	74 HP (55 kW)	Height	120 in (3,050 mm)
Tank Capacity	19 gal (72 l)	Weight (wet)	9,960 lbs (4,520 kg)
Length	184 in (4,670 mm)	Ground Pressure	15.7 PSI / 1.08 Bar
	Variable as wheels extend		



FACEBOOK



INSTAGRAM



LINKEDIN



YOUTUBE

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**JARRAFF**

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