

Rotating Tree Shear



This heavy-duty Rotating Tree Shear is designed for fast, efficient cutting of trees, branches, and vegetation in forestry, farm, and land-clearing applications.

Featuring full 360° rotation (clockwise and anti-clockwise) and built from high-grade, wear-resistant steels, this unit delivers exceptional performance and long-term durability in demanding work environments.

- Suited for 8-13 tonne excavators
- Max felling diameter: 360 mm
- Unit weight: 360 kg
- Cylinder size: 110 mm ID
- Oil flow requirement: 90-120 L/min
- Oil pressure range: 21-25 MPa

A separate hitch plate is supplied, which can be customised to suit your excavator at cost.

The unit can be supplied with either:

3-port or 5-port hydraulic setup, or a full control kit including joystick and electric control module - depending on the machine's available PTO.

High-Quality Materials Manufactured using imported carbide cutting tools, high-toughness steel, and specially treated wear surfaces to prevent damage and extend lifespan.

High-Thrust Cylinder A large, high-pressure cylinder provides strong shearing power — ideal for hardwood and dense timber.

Precision Cutting Blades Special-profile blade design ensures smooth, clean, and efficient cutting with reduced vibration.

Simple, Reliable Structure Single-link transmission system allows easy installation, minimal maintenance, and reduced wear on moving components.

Warranty & Service

2-year manufacturer warranty, 1-year warranty on hydraulic cylinder
Full technical and after-sales support available



ROTATING TREE SHEAR	HDTS180
To Suit Excavator	8-13 tonne
Maximum Cut	150 mm
Maximum Grapple Opening	650 mm
Cutting Blade	Alloy Steel
Width	700 mm
Height	600 mm
Weight	360 Kg
Working Oil Flow	50-120 lpm
Work Pressure	120-210 bar



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