

**ROTATING GRAPPLES**  
FIXED TOP SAW



# 30T 2300S

The Ensign 30T 2300S fixed top grapple is a wide-bodied continuous rotating grapple with the addition of a high speed hydraulic saw unit designed to be fitted to a hydraulic crawler excavator modified for forestry harvesting or a purpose built forestry log loader in the 25 to 35 tonne class. This versatile grapple allows a skilled operator to carry out all log handling operations including cutting to a mark, cutting slovens, sorting, stacking, and loading.



**SPECIFICATIONS:**

Saw Bar Length	Tip to Tip log handling Capacity	Max Saw Cut	Max Clamp Opening	Min Log Grip	Approx. Weight	Hydraulic Slew Motor	Hydraulic Pressure	Slew Bearing & Pinion	Clamp Arm Cylinders	Pivot Pins
43"	0.65m <sup>2</sup>	Ø820mm	2300mm	Ø150mm	1950 kg	Displacement 250cc/rev, Maximum flow 40L/min.	Clamp Arm Circuit: 230 Bar (3500psi)  Slew Motor: 90 Bar (1300psi)  Saw Unit Motor: 270 Bar (4000psi)	Hardened Pinion 11T Module 8  Hardened Ring Gear: 62t Max Rating	Ø5" Bore x 3/8" Thick Cylinder Wall  Ø2 1/2" High Tensile Spear	Cylinder: Ø2 1/2" Hard Chromed, Ground  Clamp: Ø2 1/2" Hard Chromed, Ground

