

# ROTATING GRAPPLES

STANDARD SORTING/LOADING



# 1530

The Ensign 1530 grapple is designed to be fitted to a hydraulic crawler excavator modified for log handling or a purpose built log loader in the 20 to 30 tonne class. The 1530 is a continuous rotating grapple that allows a skilled operator to carry out all log handling operations including sorting, stacking, loading, and shovel logging.



## SPECIFICATIONS:

Max Clamp Opening	Min Log Grip	Clamp Capacity	Approx. Weight	Hydraulic Slew Motor	Hydraulic Pressure	Slew Bearing & Pinion	Clamp Arm Cylinders	Pivot Pins
1500mm	Ø210mm	0.42m <sup>2</sup>	975 kg	Displacement 250cc/rev, Maximum flow 30L/min.	Clamp Arm Circuit: 262 Bar (3800psi)  Slew Motor : 96 Bar (1400psi)	Hardened Pinion 12T Module 6  Hardened Ring Gear: 77t Max Rating	Ø4" Bore x 1/2" Thick Cylinder Wall  Ø2 1/4" High Tensile Spear	Knuckle: Ø2 1/2" Hard Chromed, Ground  Clamp: Ø3" Hard Chromed, Ground

