

# ROTATING GRAPPLES

## LARGE CAPACITY



# 20T 1900

The Ensign 20T 1900 grapple is a continuous rotating grapple designed to be fitted to a hydraulic crawler excavator modified for forestry log loading in the 20 to 25 tonne class. This grapple is designed to handle a larger capacity of logs for stacking and loading and unloading applications.



### SPECIFICATIONS:

Max Clamp Opening	Min Log Grip	Clamp Capacity	Approx. Weight	Hydraulic Slew Motor	Hydraulic Pressure	Slew Bearing & Pinion	Clamp Arm Cylinders	Pivot Pins
1950mm	Ø525mm	0.97m <sup>2</sup>	1490 kg	Displacement 250cc/rev, Maximum flow 30L/min.	Clamp Arm Circuit: 262 Bar (3800psi)  Slew Motor : 96 Bar (1400psi)	Hardened Pinion 15T Module 6  Hardened Ring Gear: 77t Max Rating	Ø4" Bore x ½" Thick Cylinder Wall  Ø2¼" High Tensile Spear	Knuckle: Ø2½" Hard Chromed, Ground  Clamp: Ø3" Hard Chromed, Ground

