



GRAPPLES

ROTATING LOG GRAPPLE FIXED TOP 30T 2300S

The **ENSIGN 30T 2300s 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

43in

TIP to TIP LOG HANDLING CAPACITY

0.65m²

MAX SAW CUT

Ø820mm

MAX CLAMP OPENING

2300mm

MIN LOG GRIP

Ø150mm

APPROX. WEIGHT

1950 kg

HYDRAULIC SLEW MOTOR

Displacement 390cc, 40 L / min max.

HYDRAULIC PRESSURE

Clamp Arm Circuit: 230 Bar (3500psi)

Slew Motor: 90 Bar (1300psi)

Saw Unit Motor: 270 Bar (4000psi)

SLEW BEARING & PINION

Hardened Pinion 11T Module 8

Hardened Ring Gear: 62t Max Rating

CLAMP ARM RAMS

Ø5" Bore x " Thick Cylinder Wall

Ø2½" High Tensile Spear

PIVOT PINS

Knuckle: Ø2½" Hard Chromed, Ground

Clamp: Ø2½" Hard Chromed, Ground

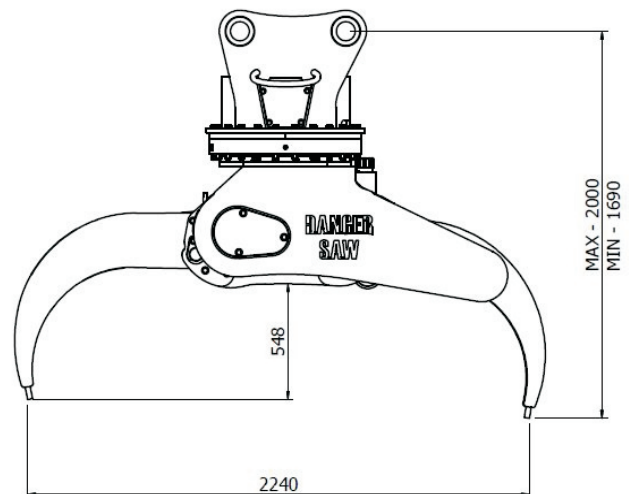
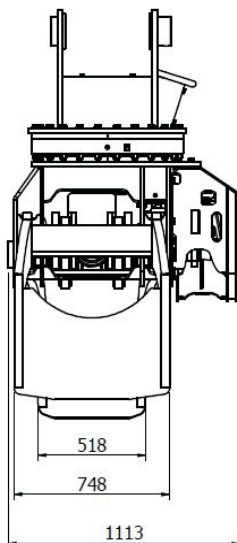
ROTARY DISTRIBUTOR VALVE

Ø4½" Bore, 5 Port

Hard Chromed and Honed Housing

Bronze Overlaid Steel Stem

30T 2300S



Machinery Manufacturers - Logging and Earth Moving Equipment

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