HYDRAULIC GRIPS

Large Hydraulic Grip for Wood 2000 kN

Multi-cylinder hydraulic grip for full-size timber specimens up to 2000 kN



OVERVIEW

A large hydraulic grip for tensile testing of full-size timber and engineered wood. A row of hydraulic cylinders acts on segmented jaws along an extended clamping length, distributing the clamping force over a large area to avoid crushing the wood. The grip is rated for test loads up to 2000 kN.

KEY FEATURES

- Rated for test loads up to 2000 kN
- Four hydraulic cylinders along the clamping length
- Segmented jaws spread clamping pressure on wood
- Long clamping length for timber cross-sections
- Heavy steel frame with lifting eyes
- Built to suit the test machine

TECHNICAL SPECIFICATIONS

Max. load	2000 kN
Test type	Tension
Operation	Hydraulic, multi-cylinder
Jaw surface	Serrated, segmented jaws
Clamping length / opening	On request
Coupling	Machine-specific, on request
Body material	Steel
Weight	On request

APPLICATIONS

- Structural timber
- Glulam and LVL
- Finger-jointed lumber
- Wood-based panels

Ordering & customization: Specify timber cross-section, required clamping length, machine connection and hydraulic supply.

Drawings available on request
Contact us for dimensional drawings or 3D models of this product.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-HG-030