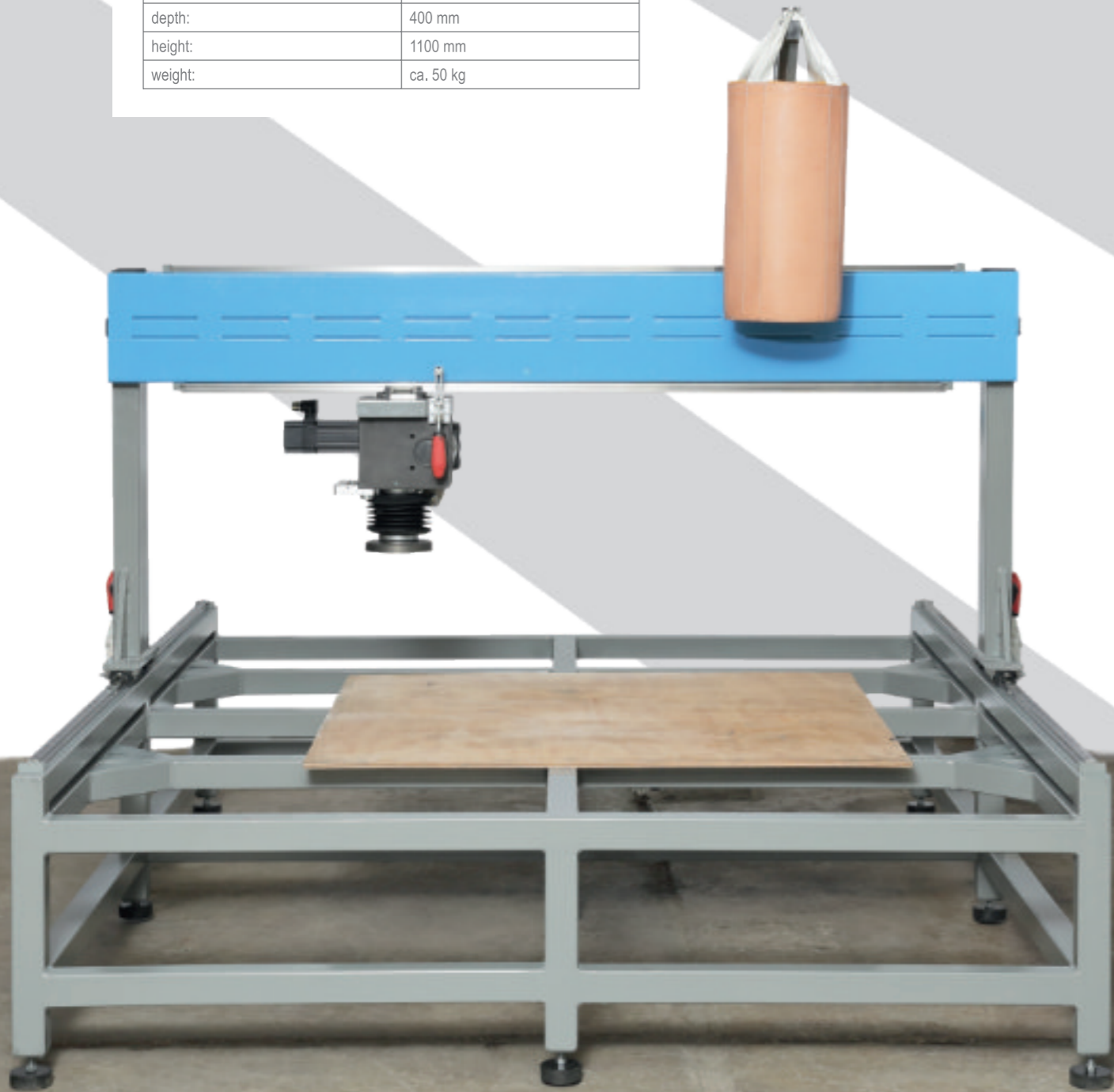


TECHNICAL SPECIFICATIONS

Electrical connection:	400 V/50 Hz; kVA 2
Maximum pulling and pushing force:	20 kN
traverse resolution:	≤ 1 µm
Hub:	100 mm
Test room (length x width x height)	2500 mm x 1700 mm x 100 mm
DIMENSIONS OF THE MACHINE	
width:	Max. 2150 mm
depth:	2600 mm
height:	Max. 2000 mm
weight:	ca. 450 kg
DIMENSIONS OF THE CONTROL CABINET	
width:	800 mm
depth:	400 mm
height:	1100 mm
weight:	ca. 50 kg



FWP HOPS

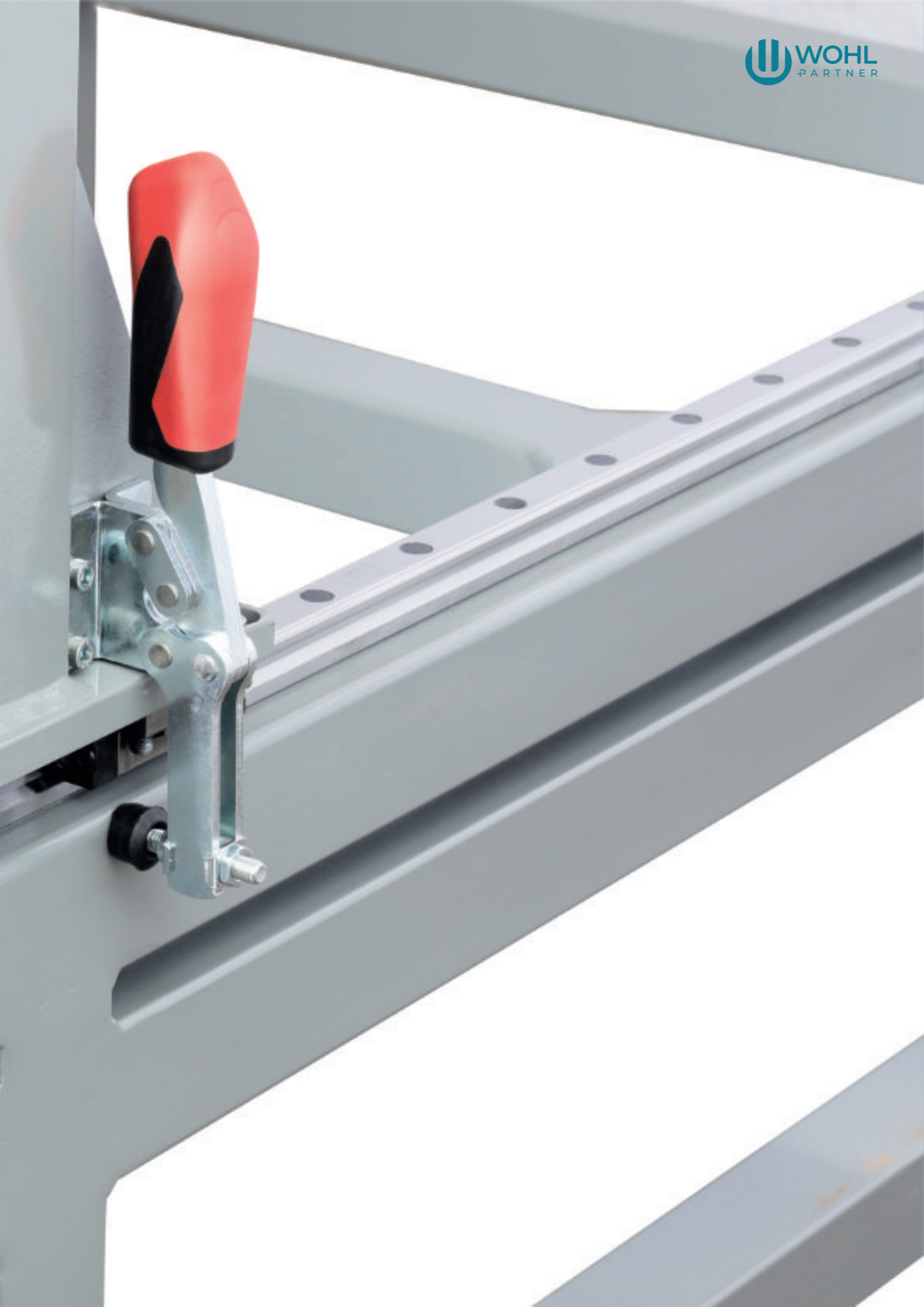
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SCOPE OF DELIVERY

- FWP HOPS testing machine consisting of four subassemblies:
 - ▶ Base (FWP1195-111-00)
 - ▶ Portal incl. loading unit (both moveable) and measurement electronics (FWP1195-120-00)
 - ▶ Boom with bag for shock loads performance test (FWP1195-127-00)
 - ▶ Control cabinet
- Shock load test bag
- Inspection stamp
- Basic software 'Test & Motion Plus' USB stick. On delivery directly installed ready for use on the PC.
- EDC - integrated in control cabinet
- Interface cable EDC to PC
- 20 kN precision gage (strain gauge) force transducer (integrated)
- Position sensor (integrated)
- Measuring stand with measuring probe

A wide range of measurement results can be determined for the test tasks using the software package.

The machine is equipped with mechanical limit switches for travel limitation and software-based overload shut-down.

TESTING STANDARDS

EN 1195 | 1998-06

Timber structures - test methods - load-bearing behavior of load-bearing floor coverings

This standard specifies test methods for determining the load-bearing behavior of load-bearing floor loads that are subject to a specific static point load (e.g. caused by the effects of people, furniture and equipment) and specific impact loads (e.g. caused by the effects of people who move) are exposed. Coverings made of boards, glued boards or wood-based panels that are placed on wooden beams are examined.

ASTM E 661-03

Standard test methods for behavior of wood and wood-based floor and roof boarding under concentrated static and impact loads.

