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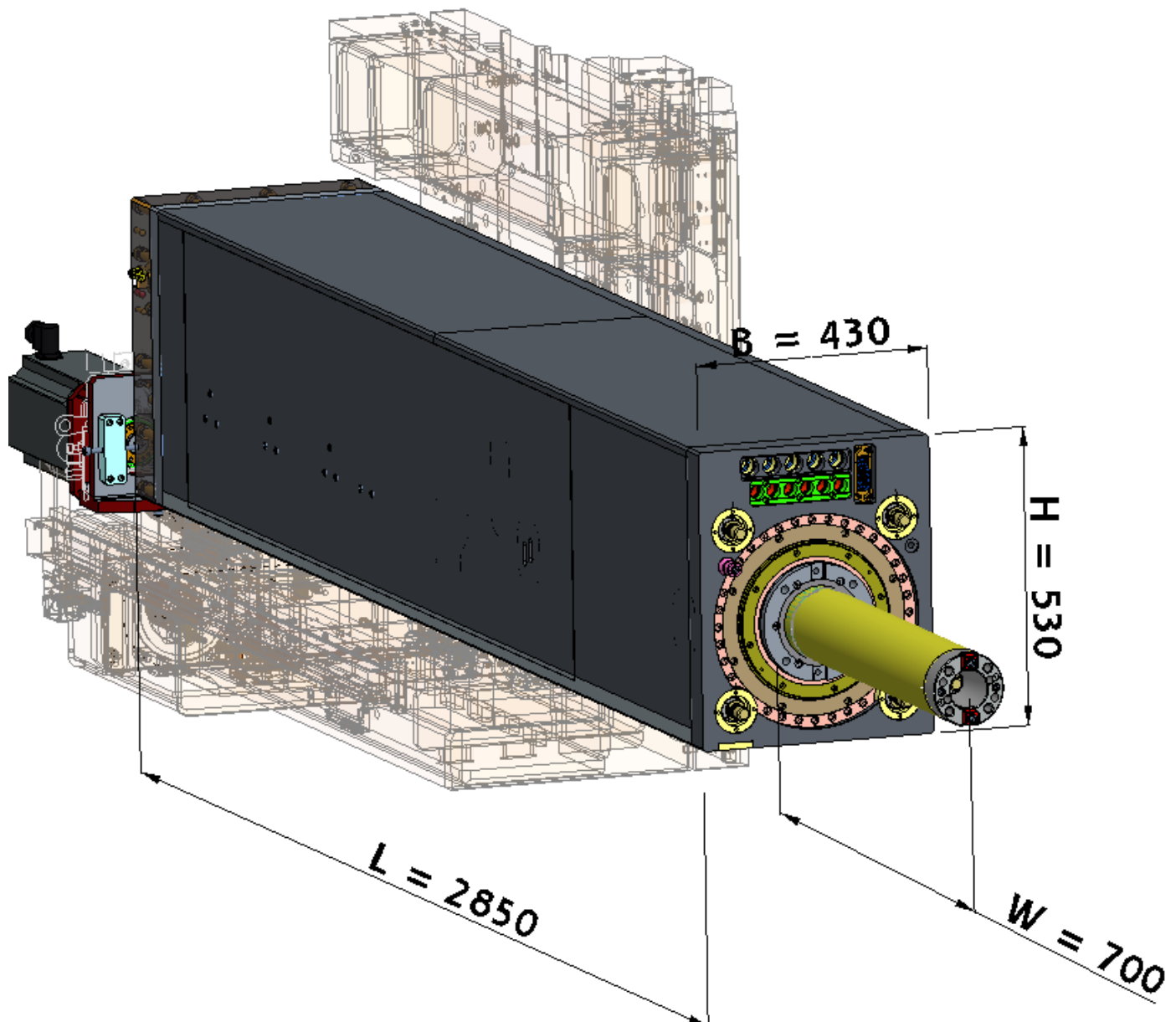
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RAM 530x430

MILLING & BORING



TECHNICAL DESCRIPTION

Ram peculiarity

It is a parallelepiped in high quality cast iron structure with high stiffness.

On frontal face are positioned hydraulic, electric connection and the clamping units for the automatic changes of different kind of accessories.

The high performances torque motor is cooled and drive directly the spindle shaft.

Boring bar and Milling spindle

The boring bar is made of hardened steel and ground to guarantee the maximum precision and life.

In the boring bar there is a special system for thermal deformation compensation.

The W Axis is driven by a recirculating preload ball screw with servomotor and low backlash gearbox.

The boring bar shaft can be developed for different kind of tool holder on customer request.

High pressure internal tool coolant is provided by joint on boring bar.

Mill spindle rotates on high precision preload bearings and are lubricated with oil and air that ensure high performances.

TECHNICAL DATA

Spindle power (S1)	50 kW
Spindle torque (S1)	1.500 Nm
Max spindle speed	3.500 rpm
RAM section H x B	530 x 430 mm x mm
Boring bar size	∅ 130 mm
Boring bar stroke W	700 mm
Max boring bar feed rate	30.000 mm / min
Boring bar force	15.000 N