

HUI 50

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New goals need new solution

Optional accessories



Milling head consists of three compact sections that may be swiveled against each other so as the required angular position of the head's spindle may be set.



AUTOMATICALLY INDEXING UNIVERSAL MILLING HEAD

The head serves for machining of surfaces tilted in any common angle to the basic coordinate system of the machine.

FASTENING ON THE MACHINE

Fastening of the head on the **table type machines** is carried out half-automatically or automatically.

Fastening of the head on the **RAM of floor type machines** is fully automatic.

Machines are necessary to adapt for automatic fastening/removing of the head on/from the machine with system PICK-UP.

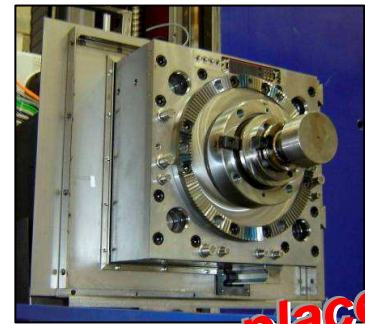
On horizontal machining centres TOStec the head is permanent integrated.

OPTIONAL FIXTURE SUPPORT

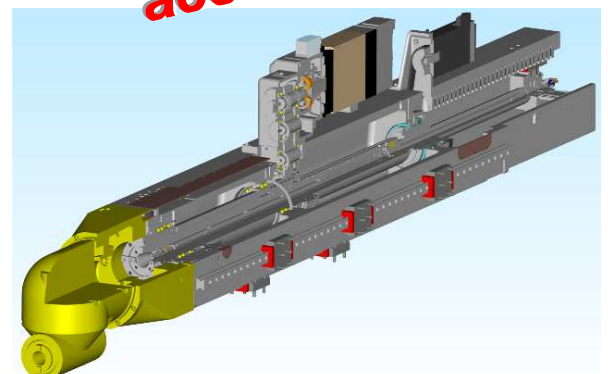


The support improves significantly the putting off the optional accessories determined for the automatic control of the PICK UP change.

Its execution (number of storage places, covers, etc.) is subject to prior consultation with the manufacturer.



Connection place for accessories



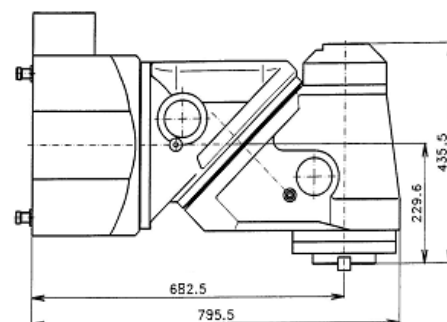
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BASIC SPECIFICATIONS

HUI 50		
Spindle face diameter	mm	128,57 h5
Spindle taper		ISO 50
Spindle speed max.	R.P.M.	3,000
Power transmitted max.	kW	32*
Spindle torque max.	Nm	1,000
Basic positioning increment of both the swiveling sections	grad	2,5
Transmission ratio		1:1
Swiveling range (in both planes)	grad	2 x 360
Distance of the spindle axis (vertical setting) from the machine quill face	mm	682,5
Total weight of milling head	kg	440

* The maximal transmitted power matches the power of the main drive.

SKETCH



TECHNOLOGICAL EXAMPLES

TOOL CHANGE

The head enables the tool change both in the automatic cycle, as well as manually by means of buttons positioned on the separate panel.

TOOL COOLING

The head is adapted for tool cooling by means of outer nozzles, which are positioned on the face of the head, as well as for tool cooling through the spindle.

LUBRICATION

Lubrication of the head's main bearings as well as those of the gears and other mechanisms is designed as permanent, with grease charge.



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