

## Hiturn 65



The turning center for manufacturing of parts from a bar up to diameter of 2.5". The working space arrangement allows synchronous machining with four tools three tools can simultaneously work on the powerful left spindle in combination with simultaneous working of one tool on the right spindle. With this working space concept two in one, machine productivity has been significantly increased one machine can machine a bar on the left spindle and the other machine can machine a half-finished part that was pre-machined and taken over from the left spindle. The machine enables complete machining of parts in working space thanks to two powerful synchronous liquid cooled spindles



	<b>Hiturn 65</b>
Max. bar stock dia.	2.5"
Max. speed of the left spindle	5000
Motor output of the left spindle	32/38 hp
Nominal torque of the left spindle	199/239 ft lbs
Max. speed of the right spindle - S2	6000
Motor output of the right spindle	20/40 hp
Nominal torque of the right spindle	56/110 ft lbs
Travel of the right spindle in axis Z2	28.9"
Number of numerically controlled axes	10
Number of slide rests	3
Number of recess slide rests	1
<b>TRAVEL OF TOOL HEAD SLIDE RESTS IN AXES</b>	
X1 / Y1 / Z1	8.7" / 3.1" / 10.8"
X2	8.7"
X3 / Z3	7" / 5.9"
A3	3.9"
<b>NUMBER OF POSITIONS OF TOOL HEADS</b>	
Number of positions of the left upper tool head	12 driven

Number of positions of the right upper tool head	12 driven
Number of positions of the lower tool head	4 fixed
CONTROL SYSTEM	FANUC 31i

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