

TECHNICAL SPECIFICATIONS**MULTISWISS 6X14**

Bar passage	mm	4-14	
Max. part length	mm	40	
Max. remnant length	mm	70	
Max. main spindle speed	rpm	8,000	
Main spindle power	kW	5.6	
Main spindle torque	Nm	7.5	
Max. pickoff spindle speed	rpm	8,000	
Pickoff spindle motor power	kW	5	
Pickoff spindle motor torque	Nm	6	
Spindle Z stroke	mm	50	
Pickoff spindle Z stroke	mm	150	
Number of linear axes		14+1 (Y axis Black Edition machine)	
Number of rotating axes		7+1 (option)	
Number of cross slides during operation		5+1 (cutting)	
X stroke of cross slides during operation	mm	40	
Y stroke of the transverse slide in operation (Black Edition machine)	mm	30	
Number of cross slides for back work		1	
X stroke of cross slides for back work	mm	75	
Max. number of tools		18	
Max. number of tools for back work		2	
Spindle cooling		With oil	
Cutting oil filtration	m μ	50	
Oil tank capacity	l	900	
Standard cutting oil pump:	outlet pressure	bars	4
	flow rate	l/min	150
High-pressure pump (options):	a) outlet pressure	bars	35
	flow rate	l/min	40
	b) outlet pressure	bars	80
	flow rate	l/min	26
Weight	kg	7,000	
Installed power	kW	59	
Numerical control		Fanuc	
Programming system		TB-DECO ADV, integrated PC	

