

GYROFLEX T4000

Machine Specifications

Recommended work size		mm [inch]	$\phi 300 \times 150$ [$\phi 11.8 \times 5.9$]
Spindle slide	Spindle dia	mm [inch]	$\Phi 120$ [$\phi 4.7$]
	Spindle nose		A2-8
	Spindle bore	mm [inch]	$\phi 67$ [$\phi 2.6$]
	Spindle speed	min-1	Max. 4000
	Spindle motor	k w [hp]	18.5 / 22 [25 / 30]
	Slide stroke	Z-axis mm [inch]	960 [37.80]
	Feed motor	Z-axis k w [hp]	4.5 [6.0]
Turret slide	Number of tool stations		15+15
	Turret index time	sec	0.4
	Turret mechanism		Curvic coupling
	Spindle speed for live tool	min-1	Max. 4000
	Spindle motor for live tool	k w [hp]	4.5 [6.0]
	Slide stroke	X-axis mm [inch]	295 [11.61]
		Y-axis mm [inch]	100 [3.94]
	Feed motor	X-axis k w [hp]	4.5 [6.0]
		Y-axis k w [hp]	4.5 [6.0]
Tool spindle slide	Spindle speed	min-1	Max. 12000
	Spindle motor	k w [hp]	7.5 / 11 [10 / 15]
	Slide stroke	X-axis mm [inch]	480 [18.90]
		Y-axis mm [inch]	200 [7.87]
		B-axis degree	190
	Feed motor	X-axis k w [hp]	4.5 [6.0]
		Y-axis k w [hp]	3.0 [4.0]
		B-axis k w [hp]	2.7 [4.0]
	Tool shank type		Capto C6
ATC	Tool change time	sec	4
	Number of tool stocks		40
	Max. Tool diameter	mm [inch]	130 [5.12]
	Max. Tool length	mm [inch]	300 [11.81]
	Max. Tool weight	kg [lb.]	8 [17.6]
CNC Control			FANUC 31i-B Plus

Robot Specifications

Robot Type		LX-40
Carrying capacity	kg [lb.]	10+10 [22+22] Option: 15+15 [33+33]
Robot controller		FANUC

Machine Size

Footprint	mm [feet, inch]	5000 x 3000 [16' 5" x 9' 10"]
Machine height	mm [feet, inch]	3530 [11' 7"] (including Robot)
Machine weight	kg [lb.]	18000 [39600]