

Machine Specifications

Name of Machine : CNC Masterless Cam Grinder

Model No : 80M GCS32B,

Month & Year of Commissioning : Dec 1997

Machine Maker : M/s Toyoda (Japan)

Sr	Machine Parameters	Units	Specifications
1	Swing Over Table	mm	320
2	Distance Between Centres	mm	320
3	Grinding Diameter	mm	17 ~ 140
4	Grinding wheel outer diameter x ID	mm	350 x 152.4
5	Grinding Spindle Speed	m/min	4365
6	Wheel head		
	Full Stroke	mm	220
	Repid Speed	mm/min	20000
7	Table		
	Full Stroke	mm/min	550
	Repid feed	mm	15000
	Min Setting Unit	mm	0.001
8	Work Head		
	Center	MT	MT-4
	Max Rotation Speed	m/min	300
	Min Setting Unit	mm	0.001
9	Foot Stock		
	Spindle Stroke	mm	190
10	Control Box	mm	CNC Control box is toyoda standard
11	Reservoir Capacity and type of oil		
	Wheel Spindle	Ltr	63 (Mobile velocity no 3)
	Hydraulic		20 (Mobile vacuoline 1409)
	Way Lubrication		40 (Mobile vacuoline 1409)
12	CNC Controller		Model- GC32C (TOYOPUC-PC2)
13	Drive Motor		
	Wheel Spindle	kw	15 (4P)
	Work Spindle (C axis)	kw	1.8 (Brushless Servo)
	Wheel head feed (X-axis)	kw	5 (Brushless Servo)
	Table feed (Z-axis)	kw	1.8 (Brushless Servo)
	Wheel Spindle bearing lub. Pump	kw	2.2 (4P)
14	Machine Size	mm	L=3200, W=3000