

MILLING MACHINE
GANTRY TYPE



Distance between the columns

1200-2200

2200-3000

3000-4500

4500-6000

6000-7500

Technical Sheet: Milling Machine Gantry Type - Distance Between The Columns: 1200-2200

MODEL	U.M.	SG12	SG17	SG22	LG22
"X" AXIS STROKE	mm.	3000-36000	3000-36000	3000-36000	4000-36000
"Y" AXIS STROKE	mm.	1700	2200	2700	2700
"Z" AXIS STROKE	mm.	750 1000	750 1000	750 1000	1000 1200 1500
"C" AXIS	deg	NA	NA	NA	NA
"A" AXIS	deg	NA	NA	NA	NA
"X" AND "Z" AXES FEEDING	mm/min	10-15000	10-15000	10-15000	10-20000
CLEARANCE BETWEEN THE COLUMNS	mm	1200	1700	2200	2200
TABLE WIDTH	mm	1200	1700	2200	1750
TABLE LENGHT	mm	3000-36000	3000-36000	3000-36000	4000-36000
DISTANCE BETWEEN TABLE AND SPINDLE NOSE	mm	750 1000	750 1000	750 1000	750 1000
MAX CUTTING FEED	mm/min	10-15000	10-15000	10-15000	10-20000
MAX ACCELERATION	mm/sec ²	NA	NA	NA	NA
RANGE OF SPEED	rpm	0-4000	0-4000	0-4000	0-4000
MAX TORQUE	Nm	fino a 1800	fino a 1800	fino a 1800	fino a 2500
SPINDLE POWER	Kw	fino a 37	fino a 37	fino a 37	fino a 51

Distance between the columns

1200-2200

2200-3000

3000-4500

4500-6000

6000-7500

Technical Sheet: Milling Machine Gantry Type - Distance Between The Columns: 2200-3000

MODEL	U.M.	MG27	LG26	LG30	HG30	HGH30
"X" AXIS STROKE	mm.	4000-18000	3000-36000	3000-36000	da 4000	da 4000
"Y" AXIS STROKE	mm.	3500	3100	3500	4000	4300
"Z" AXIS STROKE	mm.	1270 1550 2000	1000 1200 1500	1000 1200 1500	1200 1800	1200 2000
"C" AXIS	deg	400 (±200)	NA	NA	360 (±180)	360 (±180)
"A" AXIS	deg	220 (±110)	NA	NA	360 (±180)	360 (±180)
"X" AND "Z" AXES FEEDING	mm/min	10-40000	10-20000	10-20000	10-20000	10-20000
CLEARANCE BETWEEN THE COLUMNS	mm	2700	2600	3000	3000	3000
TABLE WIDTH	mm	2500	2000	2500	2000	2000
TABLE LENGHT	mm	a richiesta	4000-36000	4000-36000	da 4000	da 4000
DISTANCE BETWEEN TABLE AND SPINDLE NOSE	mm	1250 1550 2000	1000 1200 1500	1000 1200 1500	1200 1800	1200 2000
MAX CUTTING FEED	mm/min	10-40000	0-4000	fino a 2500	10-20000	10-20000
MAX ACCELERATION	mm/sec ²	fino a 3000	NA	NA	NA	NA
RANGE OF SPEED	rpm	20-24000	0-4000	0-4000	0-4000	0-4000
MAX TORQUE	Nm	60-1400	fino a 2500	fino a 2500	fino a 4000	fino a 6000
SPINDLE POWER	Kw	30-46	fino a 51	fino a 51	fino a 71	fino a 78

Distance between the columns

1200-2200

2200-3000

3000-4500

4500-6000

6000-7500

Technical Sheet: Milling Machine Gantry Type - Distance Between The Columns: 3000-4500

MODEL	U.M.	MG37	HG35	HG40	HG45	HGH35	HGH40	HGH45
"X" AXIS STROKE	mm.	4000-18000	da 4000	da 4000	da 6000	da 4000	da 4000	da 6000
"Y" AXIS STROKE	mm.	4500	4500	5000	5500	4800	5300	5800
"Z" AXIS STROKE	mm.	1270 1550 2000	1200 1800	1200 1800	1200 2000	1200 2000	1200 2000	1500 2500
"C" AXIS	deg	400 (±200)	360 (±180)	360 (±180)	360 (±180)	360 (±180)	360 (±180)	360 (±180)
"A" AXIS	deg	220 (±110)	360 (±180)	360 (±180)	360 (±180)	360 (±180)	360 (±180)	360 (±180)
"X" AND "Z" AXES FEEDING	mm/min	10-40000	10-20000	10-20000	10-20000	10-20000	10-20000	10-20000
CLEARANCE BETWEEN THE COLUMNS	mm	3700	3500	4000	4500	3500	4000	4500
TABLE WIDTH	mm	3000	2500	3000	3500	2500	da 4000	3500
TABLE LENGHT	mm	da 4000	da 4000	da 4000	da 6000	da 4000	da 4000	da 6000
DISTANCE BETWEEN TABLE AND SPINDLE NOSE	mm	1270 1550 2000	1200 1800	1200 1800	1200 2000	1200 2000	1200 2000	1500 2500
MAX CUTTING FEED	mm/min	10-40000	10-20000	10-20000	10-20000	10-20000	10-20000	10-20000
MAX ACCELERATION	mm/sec ²	fino a 3000	NA	NA	NA	NA	NA	NA
RANGE OF SPEED	rpm	20-24000	0-4000	0-4000	0-4000	0-4000	0-4000	0-3500
MAX TORQUE	Nm	60-1400	fino a 4000	fino a 4000	fino a 6000	fino a 6000	fino a 6000	fino a 10000
SPINDLE POWER	Kw	30-46	fino a 71	fino a 71	fino a 100	fino a 78	fino a 78	fino a 130

Distance between the columns

1200-2200

2200-3000

3000-4500

4500-6000

6000-7500

Technical Sheet: Milling Machine Gantry Type - Distance Between The Columns: 4500-6000

MODEL	U.M.	CB54	CBM54	MG47	HG50	HG60	HGH50	HGH60
"X" AXIS STROKE	mm.	4000-18000	4000-18000	4000-18000	da 6000	da 6000	da 6000	da 6000
"Y" AXIS STROKE	mm.	3500	3500	5500	6000	7000	6300	7300
"Z" AXIS STROKE	mm.	1270 1550 2000	1550 2000	1270 1550 2000	1200 2000	1200 2000	1500 2500	1500 2500
"C" AXIS	deg	400 (±200)	continuo	400 (±200)	360 (±180)	360 (±180)	360 (±180)	360 (±180)
"A" AXIS	deg	220 (±110)	220 (±110)	220 (±110)	360 (±180)	360 (±180)	360 (±180)	360 (±180)
"X" AND "Z" AXES FEEDING	mm/min	0-40000	10-76000	10-40000	10-20000	10-20000	10-20000	10-20000
CLEARANCE BETWEEN THE COLUMNS	mm	5400	5400	4700	5000	6000	5000	6000
TABLE WIDTH	mm	2500	2500	a richiesta	4000	4500	da 6000	4500
TABLE LENGHT	mm	a richiesta	a richiesta	a richiesta	da 6000	da 6000	da 6000	da 6000
DISTANCE BETWEEN TABLE AND SPINDLE NOSE	mm	1270 1550 2000	1550 2000	1270 1550 2000	1200 2000	1200 2000	1500 2500	1500 2500
MAX CUTTING FEED	mm/min	10-40000	10-76000	0-40000	10-20000	10-20000	10-20000	10-20000
MAX ACCELERATION	mm/sec ²	fino a 3500	7000	fino a 3000	NA	NA	NA	NA
RANGE OF SPEED	rpm	20-36000	1500-36000	0-24000	0-4000	0-4000	0-4000	0-4000
MAX TORQUE	Nm	30-1400	30-1400	60-1400	fino a 6000	fino a 6000	fino a 10500	fino a 10500
SPINDLE POWER	Kw	30-45	30-46	30-46	fino a 100	fino a 100	fino a 130	fino a 130

Distance between the columns

1200-2200

2200-3000

3000-4500

4500-6000

6000-7500

Technical Sheet: Milling Machine Gantry Type - Distance Between The Columns: 6000-7500

MODEL	U.M.	CB64	CB74	CBM64	CBM74
"X" AXIS STROKE	mm.	4000-18000	4000-18000	4000-18000	4000-18000
"Y" AXIS STROKE	mm.	4500	5500	4500	5500
"Z" AXIS STROKE	mm.	1270 1550 2000	1270 1550 2000	1550 2000	1550 2000
"C" AXIS	deg	400 (±200)	400 (±200)	continuo	continuo
"A" AXIS	deg	220 (±110)	220 (±110)	220 (±110)	220 (±110)
"X" AND "Z" AXES FEEDING	mm/min	10-40000	10-40000	10-76000	10-76000
CLEARANCE BETWEEN THE COLUMNS	mm	6400	7400	6400	7400
TABLE WIDTH	mm	3000	a richiesta	3000	a richiesta
TABLE LENGHT	mm	a richiesta	a richiesta	a richiesta	a richiesta
DISTANCE BETWEEN TABLE AND SPINDLE NOSE	mm	1270 1550 2000	1270 1550 2000	1550 2000	1550 2000
MAX CUTTING FEED	mm/min	10-40000	10-40000	10-76000	10-76000
MAX ACCELERATION	mm/sec ²	fino a 3500	fino a 3500	7000	7000
RANGE OF SPEED	rpm	20-36000	20-36000	1500-36000	1500-36000
MAX TORQUE	Nm	30-1400	30-1400	30-1400	30-1400
SPINDLE POWER	Kw	30-45	30-45	30-46	30-46