

MILLING MACHINE  
WITH MOVING TABLE



## Distance between the columns

1300-2000

2000-2500

2500-3000

3000-3500

3500-4000

## Technical Sheet: Milling Machine With Moving Table - Distance Between The Columns: 1300-2000

MODEL	U.M.	FPP105	FP52/1500	FPP125	FP52/1750
"X" AXIS STROKE	mm.	4500-16000	4500-16000	4500-16000	4500-16000
"Y" AXIS STROKE	mm.	2000	2000	2300	2250
"Z" AXIS STROKE	mm.	750-1200	500-750	750-1200	500-750
"C" AXIS	deg.	NA	NA	NA	NA
"A" AXIS	deg.	NA	NA	NA	NA
TABLE FEEDING	mm/min	10-20000	20-60000	10-20000	20-60000
"Y" AND "Z" AXES FEEDING	mm/min	10-20000	10-20000	10-20000	10-20000
CLEARANCE BETWEEN THE COLUMNS	mm.	1300	1600	1600	1800
TABLE WIDTH	mm.	1050	1250	1250	1500
TABLE LENGHT	mm.	da 4500	4000-16000	da 4500	4000-16000
DISTANCE BETWEEN TABLE AND SPINDLE NOSE	mm.	1500-2000	1000-1500	1500-2000	1000-1500
CUTTING FEEDS	mm/min	10-20000	20-60000	10-20000	20-60000
MAX ACCELERATION	mm/sec <sup>2</sup>	NA	NA	NA	NA
SPINDLE ROTATION SPEED	giri/min	0-4000	0-4000	0-4000	0-4000
TORQUE	Nm	1800	1300	1800	1300
MILLING MOTOR PPOWER	kw	37	22	37	22

# Distance between the columns

1300-2000

2000-2500

2500-3000

3000-3500

3500-4000

## Technical Sheet: Milling Machine With Moving Table - Distance Between The Columns: 2000-2500

MODEL	U.M.	MT21	FP52/2000	FPP155	FPP180 P
"X" AXIS STROKE	mm.	3500	4500-16000	4500-16000	6500-16000
"Y" AXIS STROKE	mm.	2900	2500	3000	3000
"Z" AXIS STROKE	mm.	1270-1550	500-750	750-1200	1200-1500
"C" AXIS	deg.	400 (±200)	NA	NA	NA
"A" AXIS	deg.	220 (±110)	NA	NA	NA
TABLE FEEDING	mm/min	10-25000	20-60000	10-20000	10-20000
"Y" AND "Z" AXES FEEDING	mm/min	10-25000	20-60000	10-20000	10-20000
CLEARANCE BETWEEN THE COLUMNS	mm.	2100	2100	2100	2100
TABLE WIDTH	mm.	1500	2000	1500	1800
TABLE LENGHT	mm.	3000 4000 5000	4000 16000	da 4500	da 6500
DISTANCE BETWEEN TABLE AND SPINDLE NOSE	mm.	1270-1550	1000-1500	1500-2000	1500-3000
CUTTING FEEDS	mm/min	10-25000	20-60000	10-20000	10-20000
MAX ACCELERATION	mm/sec <sup>2</sup>	fino a 2500	NA	NA	NA
SPINDLE ROTATION SPEED	giri/min	20-24000	0-4000	0-4000	0-4000
TORQUE	Nm	60-1400	1300	1800	fino a 4500
MILLING MOTOR PPOWER	kw	30-45	22	37	55-100

# Distance between the columns

1300-2000

2000-2500

2500-3000

3000-3500

3500-4000

## Technical Sheet: Milling Machine With Moving Table - Distance Between The Columns: 2500-3000

MODEL	U.M.	FPP220 P	FP52/2500	FPP220	FPP220 P	MT27
"X" AXIS STROKE	mm.	6500-16000	4500-16000	6500-16000	6500-16000	4500
"Y" AXIS STROKE	mm.	3600	3000	3500	3600	3500
"Z" AXIS STROKE	mm.	1200-1500	500-750	750-1500	1200-1500	1270-1550
"C" AXIS	deg.	NA	NA	NA	NA	400 (±200)
"A" AXIS	deg.	NA	NA	NA	NA	220 (±110)
TABLE FEEDING	mm/min	10-20000	20-60000	10-20000	10-20000	10-25000
"Y" AND "Z" AXES FEEDING	mm/min	10-20000	10-20000	10-20000	10-20000	10-25000
CLEARANCE BETWEEN THE COLUMNS	mm.	2600	2600	2600	2600	2700
TABLE WIDTH	mm.	2000	2500	2200	2000	2200
TABLE LENGHT	mm.	da 6500	4000-16000	da 6500	da 6500	3000 4000 5000
DISTANCE BETWEEN TABLE AND SPINDLE NOSE	mm.	1500-3000	1000-1500	1500-2000	1500-3000	1270-1550
CUTTING FEEDS	mm/min	10-20000	20-60000	10-20000	10-20000	-
MAX ACCELERATION	mm/sec <sup>2</sup>	NA	NA	NA	NA	fino a 2500
SPINDLE ROTATION SPEED	giri/min	0-4000	0-4000	0-4000	0-4000	20-24000
TORQUE	Nm	fino a 4500	1300	1800	fino a 4500	60-1400
MILLING MOTOR PPOWER	kw	55-100	22	37	55-100	30-45

## Distance between the columns

1300-2000

2000-2500

2500-3000

3000-3500

3500-4000

### Technical Sheet: Milling Machine With Moving Table - Distance Between The Columns: 3000-3500

MODEL	U.M.	FPP250	FPP250 P
"X" AXIS STROKE	mm.	6500-16000	6500-16000
"Y" AXIS STROKE	mm.	4000	4000
"Z" AXIS STROKE	mm.	750-1500	1200-1500
"C" AXIS	deg.	NA	NA
"A" AXIS	deg.	NA	NA
TABLE FEEDING	mm/min	10-20000	10-20000
"Y" AND "Z" AXES FEEDING	mm/min	10-20000	10-20000
CLEARANCE BETWEEN THE COLUMNS	mm.	3000	3000
TABLE WIDTH	mm.	2500	2200
TABLE LENGHT	mm.	da 6500	da 6500
DISTANCE BETWEEN TABLE AND SPINDLE NOSE	mm.	1500-2000	1500-3000
CUTTING FEEDS	mm/min	10-20000	10-20000
MAX ACCELERATION	mm/sec <sup>2</sup>	NA	NA
SPINDLE ROTATION SPEED	giri/min	0-4000	0-4000
TORQUE	Nm	1800	fino a 4500
MILLING MOTOR PPOWER	kw	37	55-100

# Distance between the columns

1300-2000

2000-2500

2500-3000

3000-3500

3500-4000

## Technical Sheet: Milling Machine With Moving Table - Distance Between The Columns: 3500-4000

MODEL	U.M.	MT37	FPP300 P	FPP350 P
"X" AXIS STROKE	mm.	5500	6500-16000	6500-16000
"Y" AXIS STROKE	mm.	4500	4700	5200
"Z" AXIS STROKE	mm.	1270-1550	1200-1500	1200-1500
"C" AXIS	deg.	400 (±200)	NA	NA
"A" AXIS	deg.	220 (±110)	NA	NA
TABLE FEEDING	mm/min	10-25000	10-20000	10-20000
"Y" AND "Z" AXES FEEDING	mm/min	10-25000	10-20000	10-20000
CLEARANCE BETWEEN THE COLUMNS	mm.	3700	3700	4200
TABLE WIDTH	mm.	2500	3000	3500
TABLE LENGHT	mm.	3000 4000 5000	da 6500	da 6500
DISTANCE BETWEEN TABLE AND SPINDLE NOSE	mm.	1270-1550	1500-3000	1500-3000
CUTTING FEEDS	mm/min	10-25000	10-20000	10-20000
MAX ACCELERATION	mm/sec <sup>2</sup>	fino a 2500	NA	NA
SPINDLE ROTATION SPEED	giri/min	20-24000	0-4000	0-4000
TORQUE	Nm	60-1400	fino a 4500	fino a 4500
MILLING MOTOR PPOWER	kw	30-45	55-100	55-100