



Inventory number: 23116

CNC milling machine  
FEHLMANN PICOMAX 54  
HEIDENHAIN  
2010



### Technical data

Drill capacity in steel	28 mm
Threat cutting in steel M	24
Milling capacity	100 cm <sup>3</sup> /min
Spindle stroke	160 mm
Spindle speeds :stepless	
from	50 rpm
up to	7100 rpm
Table length	880 mm
Table width	320 mm
Min. distance from table to spindle	0 mm
Max. distance from table to spindle	610 mm
Longitudinal travel	500 mm
Transversal travel	260 mm
Vertical travel	480 mm
Feeds:	
X axis	1 - 2000 mm/min
Y axis	1 - 2000 mm/min
Z axis	10 - 1200 mm/min
W axis	500 - 2000 mm/min
Table load max.	300 kg
Voltage 50 Hz 3x	400 Volt
Spindle power	7.5 kW
Total power required	10 kW
Machine's weight about	2150 kg
Overall dimensions machine:	

Length	2200 mm
Width	1800 mm
Height	2400 mm

Various accessories:

Dividing attachment 4th axis

Set of drill chucks

Tool storage

Lamp

Set of toolholders

Measuring feeler gauge Renishaw MP 15



HEIDENHAIN

Strom-Unterbrechung

Programmieren

OFF



PGM MGT	ERR	APPR DEP	FK	CHS	L	X	7	8	9	
CALC	MOD	HELP	CR	RND	CTF	CC	Y	4	5	6
TOUCH PROBE	CYCL DEF	CYCL CALL	LBL SET	LBL CALL	W	1	2	3		
STOP	TOOL DEF	TOOL CALL	SPEC FCT	PGM CALL	O	.	7+			
					X	+	Q			
					CE	DEL	P	I		
					NO ENT	ENT	END			



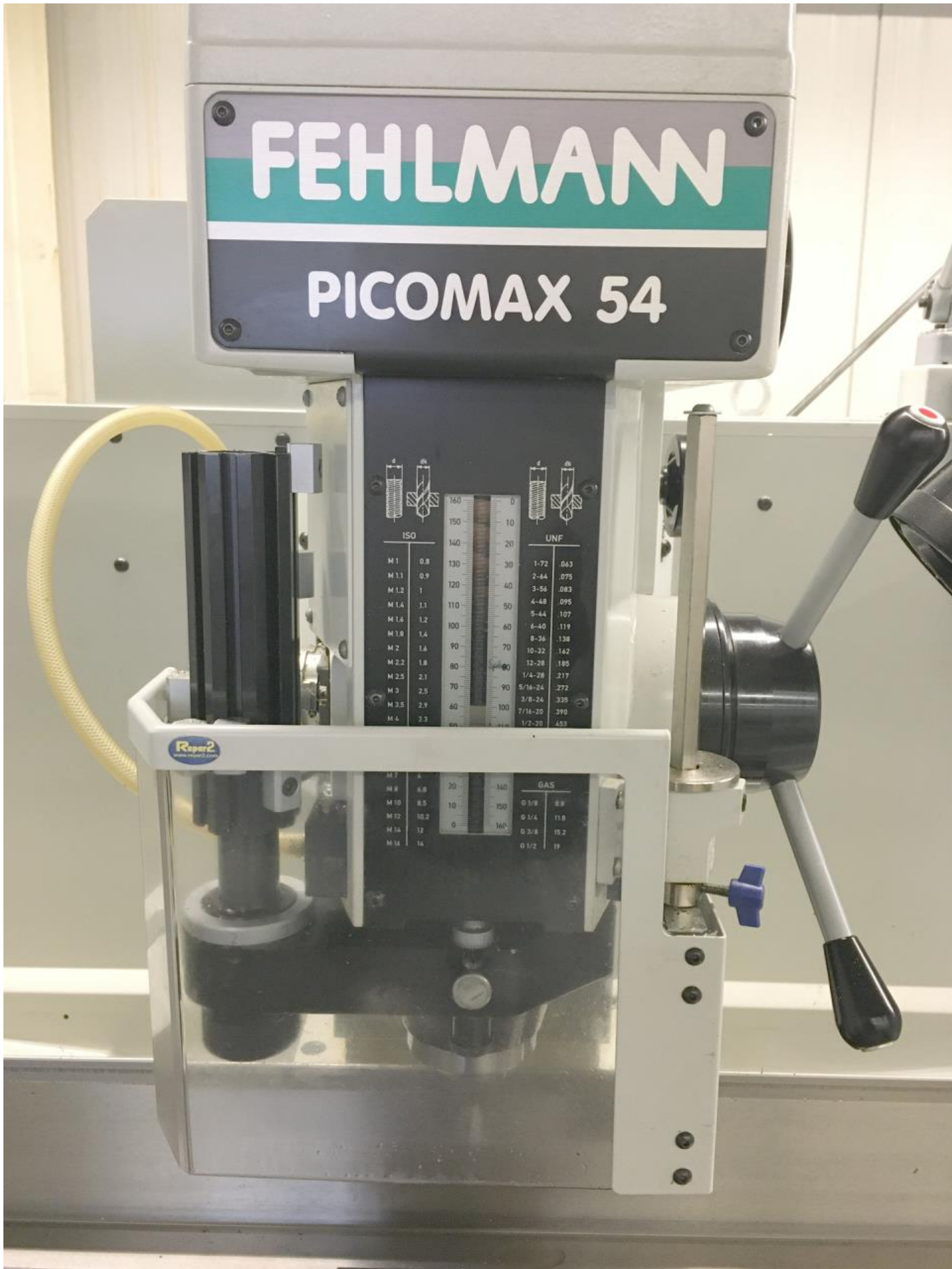
Red stop button	Hand icon	Stop icon
TMB1	TMB2	TMB3

X+	Y+	W+	A+
X-	Y-	W-	A-

M3	Green button
M5	Red button







# FEHLMANN

## PICOMAX 54

ISO		Scale	UNF	
ISO	UNF		UNF	UNF
M 1	0.8	160	1-72	.663
M 1.1	0.9	150	2-64	.675
M 1.2	1	140	3-56	.683
M 1.4	1.1	130	4-48	.695
M 1.6	1.2	120	5-44	.707
M 1.8	1.4	110	6-40	.719
M 2	1.6	100	8-36	.738
M 2.2	1.8	90	10-32	.742
M 2.5	2.1	80	12-28	.755
M 3	2.5	70	1/4-28	.772
M 3.5	2.9	60	5/16-24	.772
M 4	3.3	50	3/8-24	.772
			7/16-20	.780
			1/2-20	.787

GAS	
M 7	7
M 8	8
M 10	10
M 12	12
M 14	14
M 16	16

Rapax2





