

KT > LINEAR GUIDEWAYS BED TYPE MILLING MACHINES

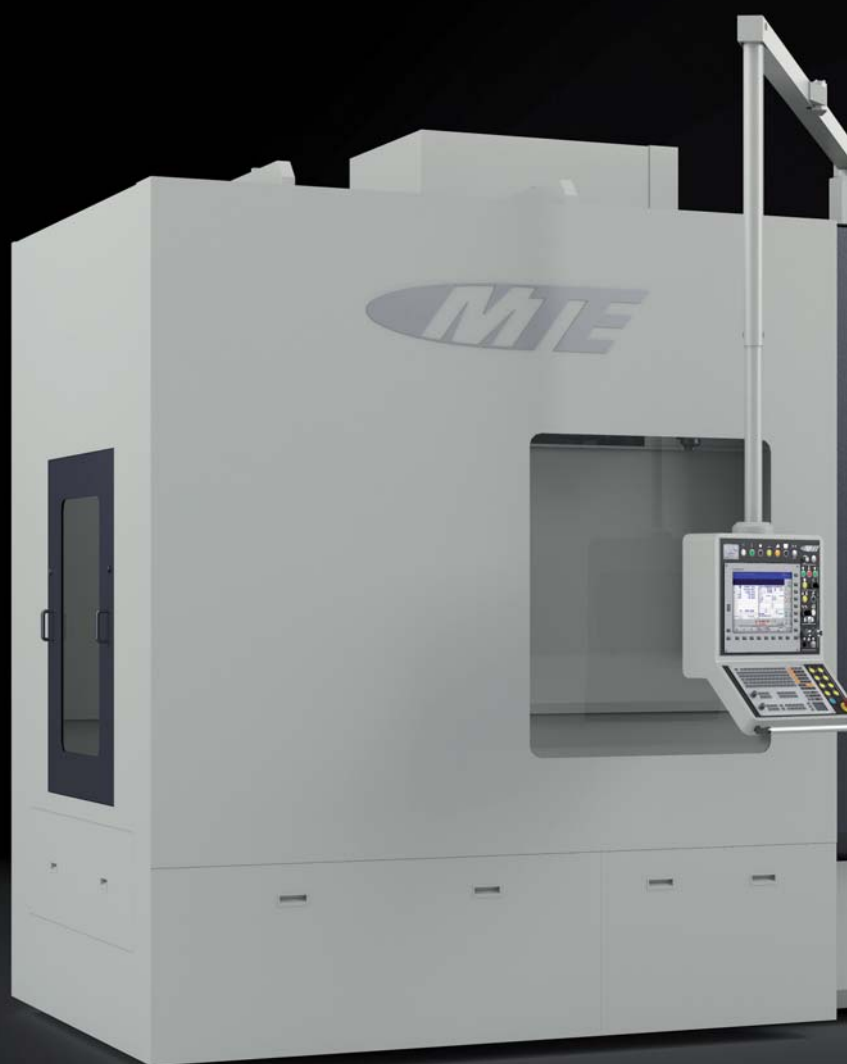
KT

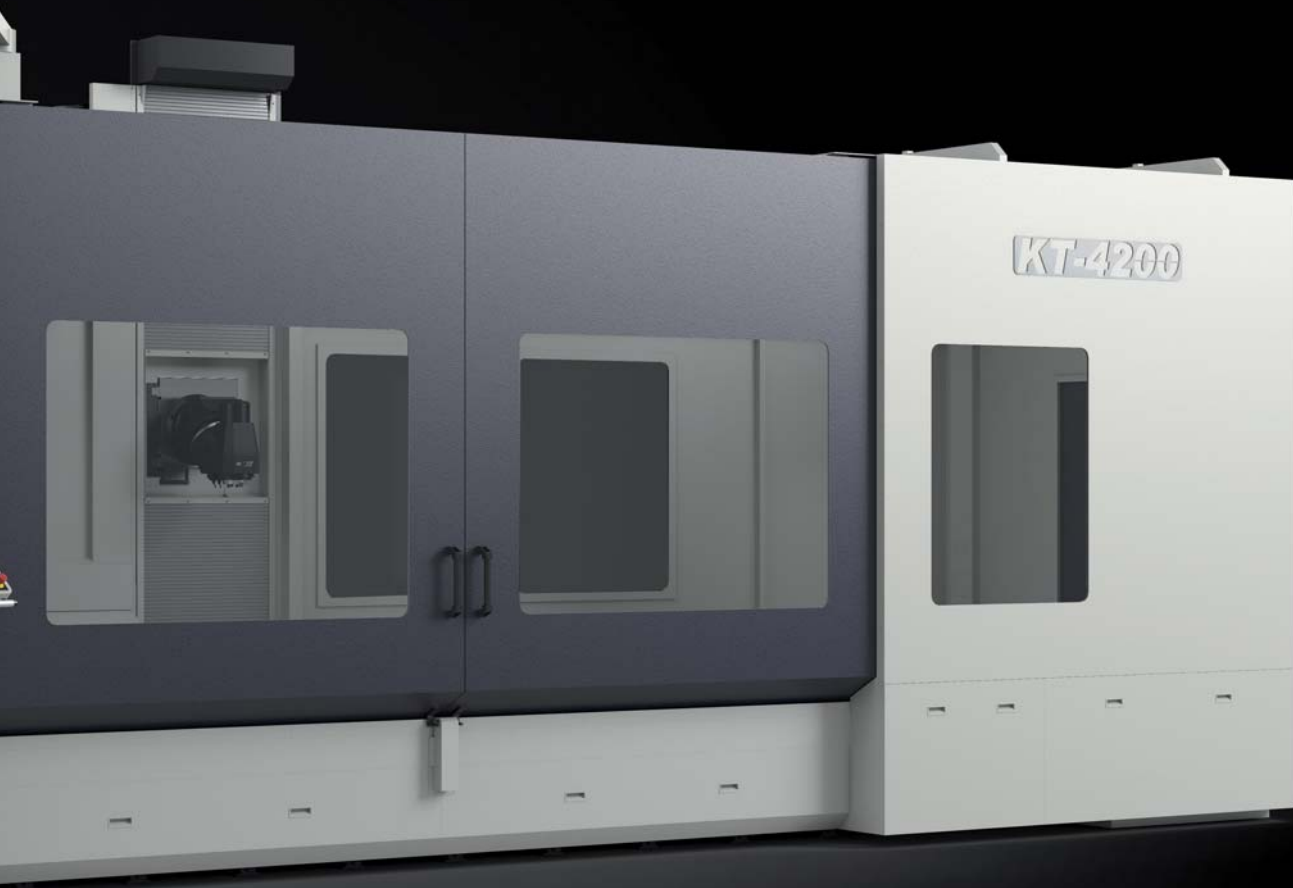
MODELS

3200

4200

5200





*Open Top enclosure (optional)

LINEAR GUIDEWAYS
BED TYPE MILLING
MACHINES

KT



The **KT series** is the BT series' big sister. It shares the same attributes and advantages, but is considerably larger.

This additional larger-dimensioned series was necessary to realise longer traverses of up to 1.500 mm with even more powerful drives, yet with constant stability.

TECHNICAL FEATURES

KT	3200	4200	5200
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TABLE

Working surface	mm	3.200 x 1.200 (1.400) ¹	4.200 x 1.200 (1.400) ¹	5.200 x 1.200 (1.400) ¹
T-slots	mm	1x22H7 + 6x22H12 in 160		
Maximum load	kg	11.000	14.000	17.000

TRAVELS

X axis (longitudinal)	mm	3.000	4.000	5.000
Y axis (cross)	mm	1.500		
Z axis (vertical)	mm	1.500 (2.000) ¹		

SPINDLE

Spindle taper		SK50 DIN 69871 / AD		
Speed	rpm	4000 / (6.000) ¹		
Ranges		3		
Power	kW	32 ² (40) ¹		
Maximum torque	Nm	2.050 ³ (4.000 rpm) 1.085 ⁴ (6.000 rpm) ¹		

FEEDS

Maximum feed	m/min	25		
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WEIGHT

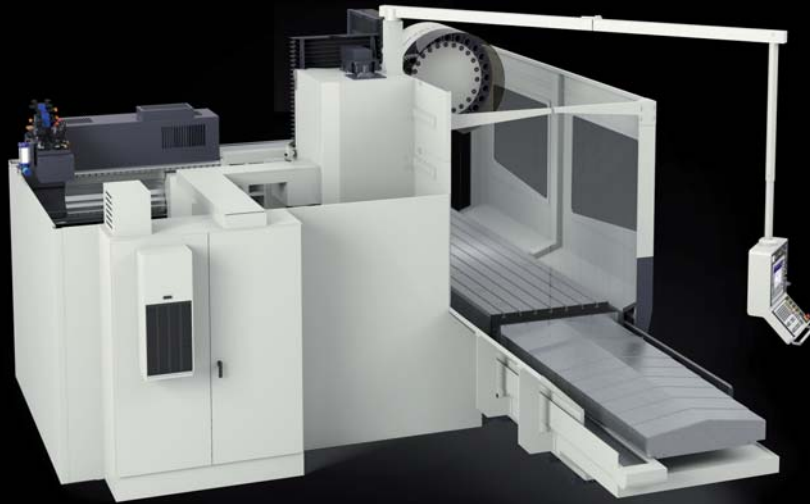
Machine weight	kg	30.000	32.000	35.000
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¹ option

² Heidenhain motor.

³ Heidenhain 32 kW and AFK milling head. For further information (combination of other milling heads and power), please feel free to contact us.

⁴ option. Heidenhain 32 kW and AFK milling head. For further information (combination of other milling heads and power), please feel free to contact us.



KT model with standard enclosure Side view

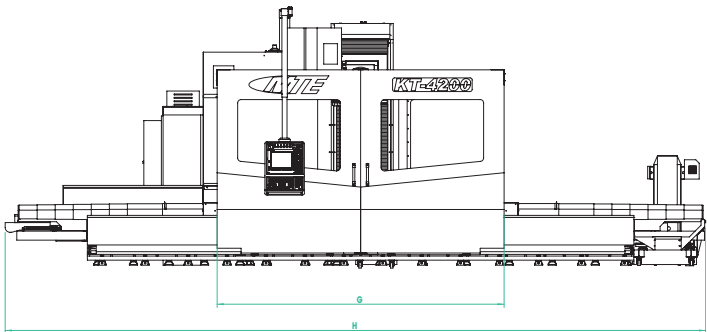
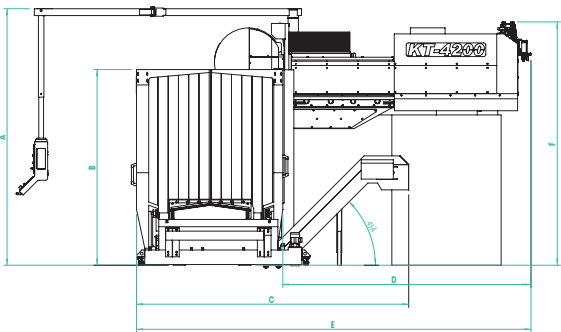


KT model with standard enclosure Backside view



STANDARD ENCLOSURE

DIMENSIONS



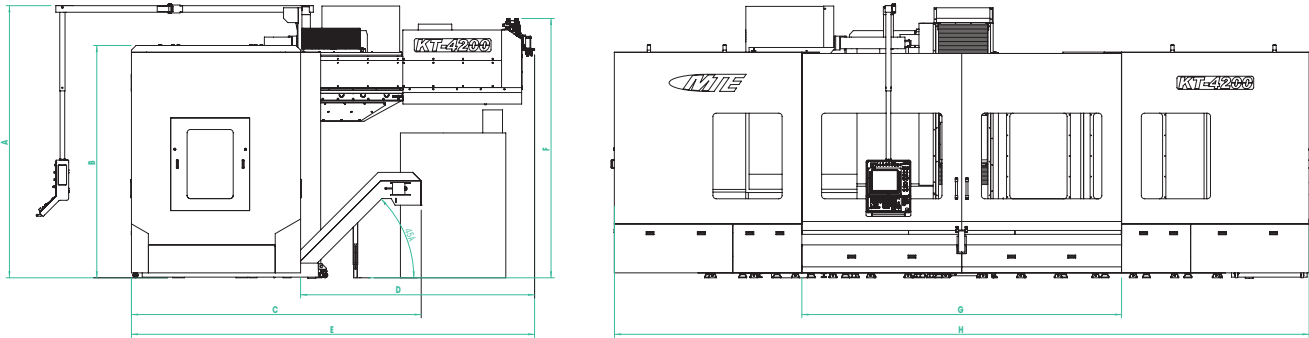
KT STANDARD ENCLOSURE (mm)								
	A	B	C	D	E	F	G	H
KT-3200	3.650 ¹	2.625 ²	4.000	3.600	5.800 ³	3.600 ⁴	3.200	8.300
KT-4200	3.650 ¹	2.625 ²	4.000	3.600	5.800 ³	3.600 ⁴	4.200	10.300
KT-5200	3.650 ¹	2.625 ²	4.000	3.600	5.800 ³	3.600 ⁴	4.200	12.300

Data for Z=1500, 1200 table width and AFK milling head.
¹ 4150 for Z= 2000.
² 3125 for Z= 2000; +500 with Full Closed enclosure.
³ 6100 with SFK milling head and 49 bed-column spacer
⁴ 4100 for Z= 2000.



> OPEN TOP ENCLOSURE

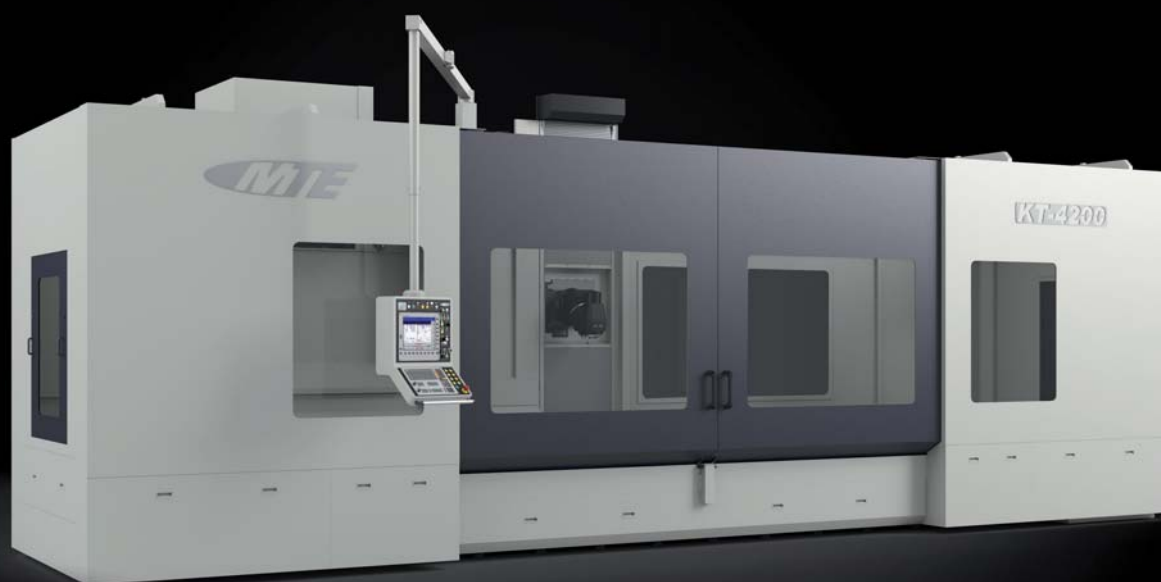
DIMENSIONS



KT OPEN TOP ENCLOSURE (mm)								
	A	B	C	D	E	F	G	H
KT-3200	3.650 ¹	2.925 ²	4.400	3.500	6.150 ³	3.500 ⁴	3.850	8.600
KT-4200	3.650 ¹	2.925 ²	4.400	3.500	6.150 ³	3.500 ⁴	4.580	10.600
KT-5200	3.650 ¹	2.925 ²	4.400	3.500	6.150 ³	3.500 ⁴	5.850	12.600



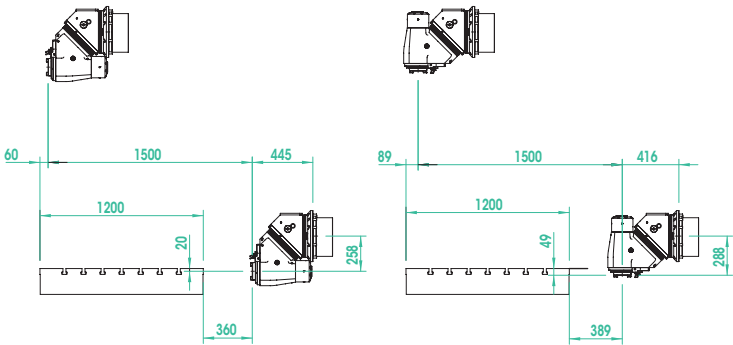
Data for Z=1500, table width 1200 and AFK milling head.
¹ 4150 for Z= 2000.
² 3425 for Z= 2000; +500 Full Closed enclosure.
³ 6450 with SFK milling head and 49 bed-column spacer.
⁴ 4000 for Z= 2000 mm.



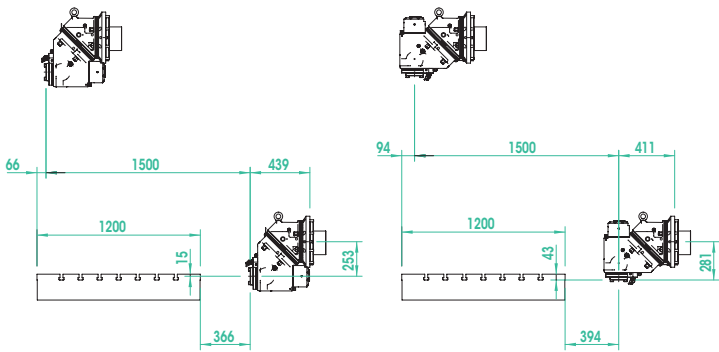
KT Open Top model

MILLING HEADS

AUTOMATIC MILLING HEAD (AFK) 2,5°x2,5° (4.000/6.000 rpm) / 1x2,5° (4.000/6.000 rpm)



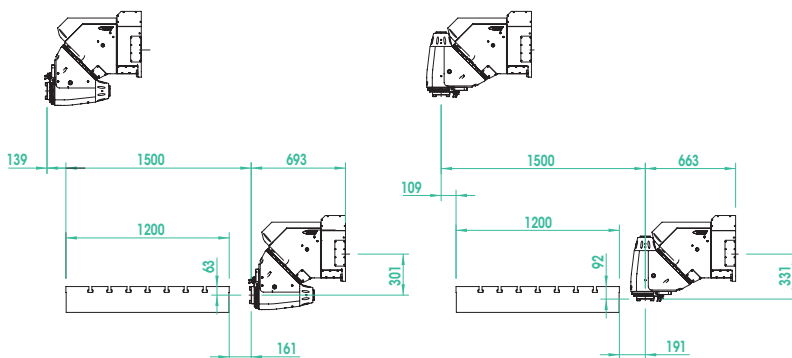
MANUAL MILLING HEAD 4.000/6.000 rpm (MFK)





MILLING HEADS

AUTOMATIC CONTINUOUS MILLING HEAD (SFK) 0,001x0,001° (4.000/6.000 rpm)



DIRECT SPINDLE HEAD 4.000 rpm (HFK-225)

