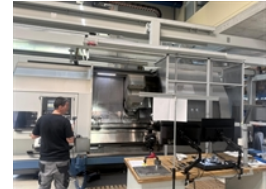


SAM 023770**WFL Type M 35 G MILLTURN**

Group	CNC Turning-Milling-Drilling Center
Manufacturer	WFL
Type	M 35 G MILLTURN
Controller CNC	SIEMENS SINUMERIK 840D
Year	2009



Distance between centres	2000 mm
Swing over cross-slide	520 mm
Spindle head	DIN 55026 FORM A Gr. 8
Max. turning diameter	520 mm
Carriage 1:	
Travels:	
Longitudinal travel (Z-axis)	1500 mm
Transversal stroke (X axis)	550 mm
Rapid traverse Z	40 m/min
Rapid traverse X	30 m/min
Carriage 2:	
Longitudinal travel (Z-axis)	1355 mm
Transversal stroke (X axis)	230 mm
Rapid traverse Z	40 m/min
Rapid traverse X	10 m/min
Turret slide:	
Number of positions	12
Driven tools turret	12
Spindle speeds	4000 t/min
Power of driven tools	6 / 13 kW
Torque max.	27 / 39 Nm
Spindle nose: VDI	40
Tool magazine number of tool places	80
Tool diameter max.	90 mm
Diameter with free adjacent pockets	160 mm
Tool length	450 mm
Max. tool-weight	15 kg
Main spindle:	
Spindle hole	77 mm
C axis	
Spindle speeds:	
up to	4000 t/min
Spindle power	29 / 33 kW
Torque max.	551 / 630 Nm
Back spindle:	
Spindle hole	77 mm
max. speed	4000 t/min
Power of back spindle	29 / 33 kW
Torque max.	551 / 630 Nm
Milling units:	

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Y axis	250 (-100 / +150) mm
Milling spindle receptacle	KM 63 KENNAMETAL
Milling cutter speeds	9000 t/min
Spindle torque	165 Nm
Drive milling spindle	15 / 20 kW
B axis	220° (-110° / +110°)
B axis resolution max.	2.5 °
Machine's weight about	20000 kg
Overall dimensions machine:	
Length	7900 mm
Width	5'700 mm
Height	3250 mm

Various accessories:

Lamp
Coolant system
Paper filtration system
Oil mist extractor
Chip conveyor
Automatic loading and unloading unit
Workpiece measurement Renishaw





