MULLER MACHINES SA
top second hand and new precision machine tools

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SAM 021995 **DMG Type DMU 50 V**

Group	5-axis machining center
Manufacturer	DMG
Type	DMU 50 V
Controller CNC	HEIDENHAIN TNC 426
Youtube video	https://youtu.be/D77Zj8UHZ2E

Time under power	82274 Heures
Operating time	81288 Heures
Number of axis total	5
Table length	500 mm
Table width	380 mm
Number of T-channels	5
Distance of the T-slots	63 mm
T-channel width	14H7 mm
Centering bore diameter	30H7 mm
Table load max.	200 kg
Longitudinal travel (X-axis)	500 mm
Transversal travel (y-axis)	380 mm
Vertical travel (z axis)	380 mm
Table load max.	200 kg
Swivel angle (a-axis)	180 °
B axis	°
Table speeds:	
up to	18 t/min
Tool changer:	
Number of tools	24 (2x12)
Tool diameter	80 mm
Diameter with free adjacent pockets	130 mm
Tool lenght	280 mm
Max. tool-weight	6 kg
Spindle nose SK	40 DIN 69871 A
Spindle speeds:	
from	20 t/min
up to	8000 t/min
Vertical spindle speeds:	
stepless	
from	20 t/min
up to	8000 t/min
Feed range	10000 mm/min
Rapid traverse:	30 m/min
Vertical quill travel	90 mm
Air connect	6 bar
Voltage 50 Hz 3x	400 Volt
Spindle motor	15 / 10 kW
Torque max.	130 / 87 Nm
Total power required	26 kVA

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Machine's weight about	3500 kg
Overall dimensions machine:	
Length	2450 mm
Width	1800 mm
Height	2380 mm

Various accessories:

Touch Probe	HEIDENHAIN
Handwheel electroinic	
Lamp	
Rotating viewing window	
Interface serial port RS 232	
Switch cabinet Air conditioner	

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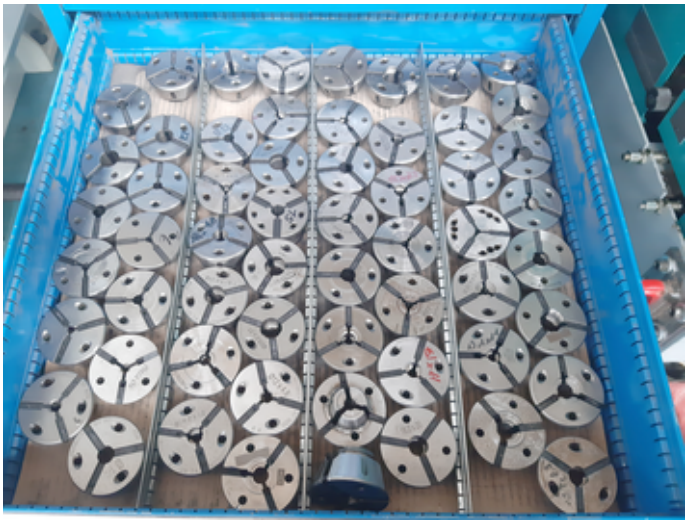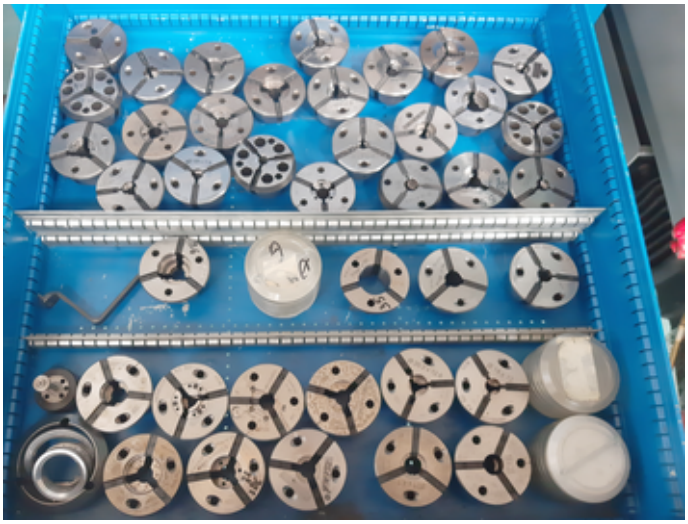
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