

CNC Vertical Machining Center DOOSAN mod. NM510

Manufacturer:	DOOSAN
Series:	Mynx
Model:	NM510
YOM:	2005
<u>Travel:</u>	
X-axis travel:	1020 mm
Y-axis travel:	510 mm
Z-axis travel:	625 mm
<u>Table:</u>	
Table size:	1200x500 mm
Table loading capacity:	800 kg
Table surface:	4-125 x 18H8
<u>Spindle:</u>	
Max spindle speed:	8-000 rpm
Spindle taper:	ISO #40 7/24 Taper
Max torque:	140 N.m
Rapid traverse rate (X/Y/Z):	36/36/30 m/min
Cutting feedrate:	1-8000
<u>Automatic tool changer:</u>	
Type of tool shank:	MAS403 BT40
Tool storage capacity:	24 (cam24/30)
Max tool diameter:	Ø 100 (87) mm
Max tool diameter without adjacent tools:	Ø 120
Max tool length:	250 (300) mm
Max tool weight:	6 (8) kg
Method of tool selection:	Fixed address
Tool change time (tool to tool):	6 (1.5) sec.
Tool change time (chip to chip):	7.5 (4.5) sec.
<u>Motor:</u>	
Spindle motor (15 min):	kW 11
Feed motor (X/Y/Z):	1.8/1.8/2.5 kW
Electric power supply (rated capacity):	37.5 kVA
Compressed air supply:	0.54 Mpa
Coolant tank capacity:	300 lt
Lubrication tank capacity:	1.8 lt
Machine dimensions (LxWxH):	2600x3200x3170 mm
Machine weight:	7000 kg