

Data Sheet

Reference No.: 51794

Machining Center - Horiz. (APC)

Brand: DMG MORI
Model: NHX 5000
YoM, approx.: 2021 used
Reconditioned:
Controls: CNC controls SIEMENS 840 D CELOS



Working Range -cubic-

number of processing axes (excl parallel axes):	4
X-axis travel:	730 mm
Y-axis travel:	730 mm
Z-axis travel:	880 mm
rotating range B-axis from:	0 °
rotating range B-axis up to:	90 °

Table

table surface (left-right):	500 mm
table surface (front-back):	500 mm
workpiece load (max):	500 kg

spindle / head

spindle revolutions (max):	15000 /min
tool fixture: ISO BT 40	
drive power:	37.7 kW

Axis drives

traverse velocity X (max):	5000 mm/min
traverse velocity Y (max):	5000 mm/min
traverse velocity Z (max):	5000 mm/min
rapid traverse X:	60000 mm/min
rapid traverse Y:	60000 mm/min
rapid traverse Z:	60000 mm/min

Tool magazine

magazin type: disc magazine	
number of positions:	40
tool diameter max.:	70 mm
- with free neighbour positions:	170 mm
tool length max.:	550 mm
tool weight max.:	12 kg
tool changing time:	2.5 s

automatic workload equipment

number of store positions:	2
Workpiece diameter max.:	800 mm
workpiece height (max):	1000 mm
pallet length:	500 mm
pallet width:	500 mm
number of pallets:	2

Electrical specifications

mains power supply:	37.3 kVA
mains voltage:	400 V
mains frequency:	50 Hz

Dimensions / weights

space requirements -left/right-:	4784 mm
space requirements -front/back-:	3078 mm
total height:	2852 mm
total weight approx.:	12000 kg

attachments

chip conveyor: yes
coolant unit: yes
closed cabin: yes
European CE standards: yes

Additional Information:

Accessories - Chip conveyor

Seller:

ProdEq Trading GmbH
Emanuel Unger
Reckholder 1, 9527 Niederhelfenschwil, Switzerland
+41 71 948 70 60
emanuel.unger@prodeq.ch

Photos & Documents

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