

## DECKEL-MAHO

DMC 104 V linear

Stock no. :1022-2381

### MACHINE-DATA

|                  |                                 |
|------------------|---------------------------------|
| Machinetype      | : Machining Center - Vertical   |
| Make             | : DECKEL-MAHO                   |
| Type             | : DMC 104 V linear              |
| Year             | : 2005                          |
| Control type     | : CNC                           |
| Control          | : Heidenhain iTNC 530           |
| Storage location | : Monheim (Germany)             |
| Origin           | : Germany                       |
| Delivery time    | : Immediately                   |
| Quotation        | : Ex warehouse, loaded on truck |
| Price            | : on request                    |



### TECHNICAL DATA

|                                           |                        |
|-------------------------------------------|------------------------|
| x-travel                                  | 1040 mm                |
| y-travel                                  | 600 mm                 |
| z-travel                                  | 500 mm                 |
| Control                                   | Heidenhain iTNC 530    |
| table surface area                        | 1250 x 600 mm          |
| table load                                | 600 kg                 |
| tool taper                                | SK 40                  |
| spindle turning speed range               | 1 - 8000 U/min         |
| max. torque on the spindle                | (S1/S6) 140/200 Nm     |
| feed range                                | 40000 mm/min           |
| rapid power traverse in X-and Z direction | 70 m/min               |
| rapid motion - y-axis                     | 40 m/min               |
| spindle drive                             | (100/40 % ED) 13/19 kW |
| total power requirement                   | 39 kVA                 |
| weight of the machine ca.                 | 8,9 t                  |

### TECHNICAL DESCRIPTION

*Operating hours 70294*



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*Spindle hours 23335*

*Please note the enclosed geometry measurement report  
with the tool pull-in force measurement.*

### *Equipment:*

*CNC control Heidenhain iTNC 530*

*Electronic handwheel Heidenhain HR 410*

*Motor spindle with increased torque*

*Direct path measuring system in Y-Z axis*

*Preparation for measuring probe*

*30-station tool changer, tool diameter 100/140 mm, length 300, weight 7 kg*

*ROTOCLEAR*

*Production package 2*

*Internal coolant supply through the spindle 20 bar*

*Coolant system with paper belt filter*

*Cooling device blown air through the spindle center selectable via M function*

*Chip conveyor*

*Bed flushing*

*Linear drive in the X-axis*

*Operating mode 4 Program check with extended manual intervention*

*Machine documentation*

*Transport dimensions: 4100 x 2500 x 3000 mm*

## VIDEO-LINKS

Video No.1 : [https://www.youtube.com/embed/pM5T4JDp\\_oY](https://www.youtube.com/embed/pM5T4JDp_oY)

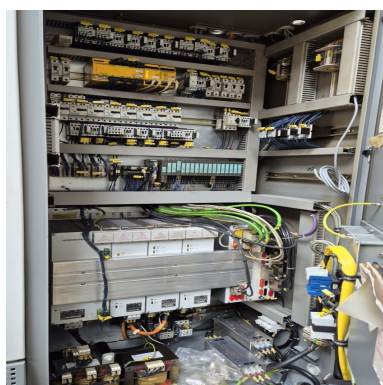
## WEB-LINK

<http://mhp.logotech.de/hpm/v7/Datenblatt/datenblatt.php?machineno=1022-2381>

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Technical details and information subject to amendments and errors.

**Knops Werkzeugmaschinen GmbH & Co. KG**

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