

MORI SEIKI

## NH 4000 DCG

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YouTube VIDEO



GALLERY



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### PRODUCT INFO

#### General Information

|                        |                                                                                                                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stock Number           | 1039-9326                                                                                                                                                                                                                     |
| Machine Type           | <b>Machining Center - Horizontal</b>                                                                                                                                                                                          |
| Manufacturer           | <b>MORI SEIKI</b>                                                                                                                                                                                                             |
| Type                   | <b>NH 4000 DCG</b>                                                                                                                                                                                                            |
| Year of Manufacture    | 2007                                                                                                                                                                                                                          |
| Control                | MSX 701 III MAPPS                                                                                                                                                                                                             |
| Location               | D-59302 Oelde                                                                                                                                                                                                                 |
| Country of Origin      | Japan                                                                                                                                                                                                                         |
| Delivery Time          | to be agreed                                                                                                                                                                                                                  |
| Freight Basis          | ex site                                                                                                                                                                                                                       |
| Additional Information | CNC - Machiningcenter Horizontal<br>MORI SEIKI - NH 4000 DCG<br>- pallet-changer<br>- Control options<br>Program restart, cylindrical and spiral interpolation<br>High-speed milling cycles, island and pocket milling cycles |

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#### Technical Details

|                                          |                   |
|------------------------------------------|-------------------|
| x-travel                                 | 560 mm            |
| y-travel                                 | 560 mm            |
| z-travel                                 | 630 mm            |
| Control                                  | MSX 701 III MAPPS |
| <b>Main spindle:</b>                     |                   |
| Max. rpm                                 | 14.000 min/-1     |
| power capacity - main spindle            | 18,5 / 11 kW      |
| max. Torque                              | 120 Nm            |
| tool taper                               | MAS BT 40         |
| distance spindle center to table         | 80 - 640 mm       |
| distance Spindlenose and center of table | 100 - 730 mm      |
| <b>pallet changer:</b>                   |                   |
| numbers of pallets                       | 2                 |
| size of pallet                           | 400 x 400 mm      |
| max. workpiece weight                    | 400 kg            |
| max. workpiecediameter                   | 630 mm            |
| max. workpiece height                    | 900 mm            |
| change time of pallets                   | 6,0 sec           |
| b - axis                                 | 0,001 °           |
| <b>Tool-Presetter:</b>                   |                   |
| number of toolpositions                  | 60 pos.           |
| max. tool diameter                       | 70 / (140) mm     |
| max. tool length                         | 400 mm            |
| max. tool weight                         | 8,0 kg            |
| <b>feeds:</b>                            |                   |
| rapid traverse ( X / Y / Z )             | 50 m/min          |
| feed speeds                              | 0 - 50.000 mm/min |
| Tipp feed                                | 0 - 1.260 mm/min  |
| total power requirement                  | 35 kVA            |
| weight of the machine ca.                | 9,8 t             |
| dimensions of the machine ca.            | 5,5 x 3,5 x 2,8 m |

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#### Accessories

|                         |                      |
|-------------------------|----------------------|
| Documents               |                      |
| Chip conveyor           |                      |
| Coolantsystem           |                      |
| high pressure coolant   | 70 bar               |
| through spindle coolant |                      |
| Signal-Light            |                      |
| paper band filter       | Knoll KF 110 FKA 500 |
| B-axis                  | 0,001°               |
| hydraulic system        |                      |
| Automatic Tool Changer  |                      |
| pallet changer          |                      |
| breakage control        |                      |
| test probe              | Renishaw OMP 60      |
| tool holders            | 15x                  |