KBM-11020IS, 11020RS, 11020RSA SERIES

KBM-13020IS, 13020RS SERIES

FIXED COLUMN

CNC HORIZONTAL BORING & MILLING MACHINE

- Fixed column construction.
- Suitable for heavy boring and milling for workpiece weight under 5 tons.
- Minimum deflection of spindle extension (W-axis).
- 360° 1º indexing CNC rotary table. (KBM-11020IS, KBM-13020IS)
- 0.001º CNC rotary table. (KBM-11020RSA, KBM-11020RS, KBM-13020RS)
- 40-tool magazine is standard.
- 60-tool magazine is optional.

Perfectly Designed To Optimize Rigidity And Stability

Rigid & Stable Structure
All structural parts are manufactured from high quality cast iron (FC 30), tempered and stress relieved.

Guide Ways
Box ways on X and Y-axis.
Four linear guide ways on Z-axis.

Large Ball Screws
X, Y, Z-axis are transmitted through Ø63 mm, class C3 ball screws, featuring maximum rigidity.

Finite Element Analysis (FEA)
The major structural parts are designed with Finite Element Analysis software to simulate stress/stRAIN condition.

Linear Scales on Three Axes
X, Y, Z-axis are all equipped with linear scales to ensure high positioning accuracy.

Rigid, Powerful Spindle Head
- The spindle head is reinforced with cage-shape ribs for increased rigidity.
- The spindle head integrates a self-made gearbox in combination with a German gearbox with 1:8 teeth ratio, providing greater torque output in heavy cutting. (1:11 low speed teeth ratio is available)

KBM-13020IS
Large external splash guard (Optional)

0.001º Direct-Drive Rotary Table
- 0.001º indexing rotary table. (Simultaneously controlled type is optional)
- 5 tons loading capacity.
- Automatic hydraulic clamping.
- Each 90º positioning with dowel pin.
NOTE: UBM-11020IS is equipped with a 360º teeth positioning table.

Fully enclosed splash guard (optional)
### MACHINE SPECIFICATIONS

#### MODEL SPECIFICATIONS
- **KBM-11020RSA, 11020ISA**
  - Spindle diameter Ø130mm.
  - Fixed column construction.

#### MACHINE SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TABLE</strong></td>
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</tr>
<tr>
<td>Table Size</td>
<td>mm</td>
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<tr>
<td>1250x1250x360D</td>
<td>1250x1250x360D</td>
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<tr>
<td><strong>TRAVEL</strong></td>
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<tr>
<td>X-Axis</td>
<td>mm</td>
</tr>
<tr>
<td>1000</td>
<td>1000</td>
</tr>
<tr>
<td>Y-Axis</td>
<td>mm</td>
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<tr>
<td>1500</td>
<td>1500</td>
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<tr>
<td>Z-Axis</td>
<td>mm</td>
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<td>1000</td>
<td>1000</td>
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<td>W-Axis</td>
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<td>1500</td>
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<td>Diameter</td>
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<tr>
<td><strong>SPINDLE</strong></td>
<td></td>
</tr>
<tr>
<td>Speed</td>
<td>rpm</td>
</tr>
<tr>
<td>10 - 2500 (3000)</td>
<td>10 - 2500 (3000)</td>
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<td><strong>DISTANCES</strong></td>
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<tr>
<td>Spindle Center to Table</td>
<td>mm</td>
</tr>
<tr>
<td>0 - 1800</td>
<td>0 - 1800</td>
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<tr>
<td>Spindle Nose to Table Center</td>
<td>mm</td>
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<tr>
<td>0 - 1800</td>
<td>0 - 1800</td>
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<tr>
<td>Height From Ground to Table Surface</td>
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<td><strong>FEED RATE</strong></td>
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<tr>
<td>Rapid Feed Rate X / Y / Z</td>
<td>m/min</td>
</tr>
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<td>Rapid Feed Rate W</td>
<td>m/min</td>
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<tr>
<td>Cutting Feed Rate</td>
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<td>1 - 5000</td>
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<td><strong>MOTOR</strong></td>
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<tr>
<td>Lubricator Motor</td>
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</tr>
<tr>
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<tr>
<td>Hydraulic Pump</td>
<td>kW</td>
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<td>2.25</td>
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<tr>
<td>Coolant Pump</td>
<td>kW</td>
</tr>
<tr>
<td>1.17</td>
<td>1.17</td>
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<tr>
<td>Chip Conveyor</td>
<td>kW</td>
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<td>0.2</td>
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<tr>
<td>Oil Coolant Pump</td>
<td>kW</td>
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<tr>
<td>0.75</td>
<td>0.75</td>
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<td>40</td>
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<tr>
<td><strong>ATC</strong></td>
<td></td>
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<tr>
<td>Tool Selection</td>
<td>Absolute</td>
</tr>
<tr>
<td>Tool Change Time</td>
<td>Sec</td>
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<td>15</td>
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<tr>
<td><strong>COOLANT &amp; LUBRICATION</strong></td>
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<tr>
<td>Coolant Tank Volume</td>
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<td>Hydraulic Tank Volume</td>
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<td>80</td>
<td>80</td>
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<tr>
<td>Lubrication Tank Volume</td>
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<td>8</td>
<td>8</td>
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<tr>
<td>Power Required</td>
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<td>45</td>
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<td>Pressured Air</td>
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### STANDARD ACCESSORIES:
1. Linear scales on X, Y, Z axes
2. Spindle oil cooler
3. Automatic power off
4. Hydraulic system
5. Coolant system
6. Lubricator system
7. Alarm lamp
8. Work lamp
9. M.P.I.
10. RS232 interface
11. Heat exchanger
12. Chip conveyor and cart
13. Leveling bolts & pads
14. Controller manuals and circuit diagrams
15. Operation manuals
16. Machine inspection lists
17. Splash guards (around the table)
18. Tool box
19. FANUC OiMF
20. FANUC OiMF

### OPTIONAL ACCESSORIES:
1. ATC: 60 Tools
2. Oil mist device
3. Variety of controllers (FANUC / MELDAS / SIEMENS / HEIDENHAUSEN)
4. Various auxiliary work tables
5. Air conditioner at the electrical cabinet
6. Extension sleeves 250mm/300mm
7. Coolant through spindle
8. Manual 90˚ angular milling head
9. Simultaneously controlled rotary table
KBM-110xxR SERIES

MOVABLE COLUMN
CNC HORIZONTAL BORING & MILLING MACHINE

- Movable column construction.
- Minimum deflection of spindle extension (W-axis).
- 0.001° indexing direct-drive rotary table. (0.001° simultaneously controlled rotary table is available)
- Table sizes 1400x1600mm.
  (Various types of table are optional)
- Two box ways on X-axis.
  (M65 roller type linear ways are optional)
- Two box ways on Y-axis with counterbalance weight.
  (2500mm of Y-axis travel is available)
- M65 roller type linear ways on Z-axis.
  (Three linear ways with 4 blocks on each way)
- Linear scales on 3 axes.
  (Heidenhain or Schneeberger brand)
- 40-tool magazine is standard.
  (80-tool or 90-tool magazine is optional)

KBM-11025R
Increased height of top guard (optional)

Rigid, Powerful Spindle Head
- The spindle head is reinforced with cage-shape ribs for increased rigidity.
- The KBM-110XXR series is designed with a self-made gearbox, having a 1:10 teeth ratio.

Optimal Structure Design To Boost Stability

Rigid & Stable Structure
All structural parts are manufactured from high quality cast iron (FC30), tempered and stress relieved.

T-shape Base
The T-shape base construction allows the machine to be equipped with various table types.
The X-axis slideways are supported by double-wall cage-shape structure for ultra-high rigidity.

Guide Ways
Box ways on X and Y-axis.
Z-axis with 3 MRD65 SCHNEEBERGER roller type linear guide ways, featuring 12 blocks.

Finite Element Analysis (FEA)
The major structural parts are designed with Finite Element Analysis software to simulate stress/strain condition.

Spindle Speed / Torque Diagram
FANUC A15 / 7000 (KBM-1100XXR)

0.001° Rotary Table
- 0.001° indexing.
- 8 tons loading capacity on 1600 x 1400mm table.
- Available to equip with a 1800x1600mm table with 20 tons of loading capacity (optional)
- Each 90° positioning with dowel pin.
- Simultaneously controlled rotary table is available (optional).

HEIDENHAIN Linear Scales on Three Axes (or Schneeberger)
X, Y, Z- axis are all equipped with linear scales to ensure high positioning accuracy.
# KBM-110xxRT SERIES

**MOVABLE COLUMN**

**CNC HORIZONTAL BORING & MILLING MACHINE**

- Movable column construction.
- Minimum deflection of spindle extension (W-axis).
- 0.001° indexing direct-drive rotary table or long table.
- Two box ways on X-axis. (M65 roller type linear ways are optional)
- Two box ways on Y-axis with counterbalance weight.
- M65 roller type linear ways on Z-axis. (Three linear ways with 4 blocks on each way)
- Linear scales on 3 axes. (Heidenhain or Schneeberger brand)
- 40-tool magazine is standard. (60-tool or 90-tool magazine is optional)

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## Rigid, Powerful Spindle Head

- The spindle head is reinforced with cage-shape ribs for increased rigidity.
- The spindle head integrates a self-made gearbox in combination with a German gearbox with 1:11 speed ratio, providing greater torque output in heavy cutting. (1:11 low speed ratio is available)

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## MACHINE SPECIFICATIONS

### MACHINE SPECIFICATIONS | (±) As Optional.

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<thead>
<tr>
<th>MODEL</th>
<th>UNIT</th>
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<th>KBM-11025R</th>
<th>KBM-11032R</th>
<th>KBM-11042R</th>
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<td></td>
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<td></td>
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</tr>
<tr>
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<td></td>
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<td>3200</td>
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<td>2000</td>
<td>2500</td>
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<td></td>
</tr>
<tr>
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</tr>
<tr>
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<td>rpm</td>
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<td></td>
<td></td>
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<tr>
<td>Taper</td>
<td>7/24 taper ISO.50, BT-50</td>
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### TRAVEL

<table>
<thead>
<tr>
<th>MODEL</th>
<th>UNIT</th>
<th>KBM-11020RT</th>
<th>KBM-11025RT</th>
<th>KBM-11032RT</th>
<th>KBM-11025R</th>
<th>KBM-11032R</th>
<th>KBM-11042R</th>
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<tbody>
<tr>
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<tr>
<td>W-axis Travel</td>
<td>500mm</td>
<td></td>
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### DISTANCES

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<th>KBM-11025RT</th>
<th>KBM-11032RT</th>
<th>KBM-11025R</th>
<th>KBM-11032R</th>
<th>KBM-11042R</th>
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</thead>
<tbody>
<tr>
<td>Spindle Center to Table</td>
<td>mm</td>
<td>0 – 1800</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. of Tools</td>
<td>pieces</td>
<td>40 (40)</td>
<td></td>
<td></td>
<td></td>
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### FEED RATE

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<th>KBM-11025R</th>
<th>KBM-11032R</th>
<th>KBM-11042R</th>
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### MOTOR

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<th>KBM-11025RT</th>
<th>KBM-11032RT</th>
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<th>KBM-11032R</th>
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<tbody>
<tr>
<td>Spindle Motor-cont. / 30min</td>
<td>kW</td>
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<td>Lubricator Motor</td>
<td>kW</td>
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<tr>
<td>Hydraulic Pump</td>
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<td>Coolant Pump</td>
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<td></td>
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<td>Chip Conveyor</td>
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<td>Oil/Filter Pump</td>
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### COOLANT & LUBRICATION

<table>
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<tr>
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<th>KBM-11032RT</th>
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<th>KBM-11032R</th>
<th>KBM-11042R</th>
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<tbody>
<tr>
<td>Coolant Tank Volume</td>
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<td></td>
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<td>Power Required</td>
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<td>55</td>
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### STANDARD ACCESSORIES:

1. Linear scales on X, Y, Z axes.
2. Spindle oil cooler.
3. Automatic power off.
4. Hydraulic system.
5. Coolant system.
6. Lubricator system.
7. Alarm lamp.
8. Work lamp.
9. M.P.G.
10. RS232 interface.

- Optional: Controller manuals and circuit diagram.
- Optional: Machine inspection lists.
- Optional: SPINDLE NOSE TO TABLE CENTER.
- Optional: MACHINES HAVE HEAVY-DUTY 0.15mm LINEAR WAYS.
- Optional: 40- or 60-tool magazines.
- Optional: No. 40 taper ISO.50, BT-50.

### OPTIONAL ACCESSORIES:

2. Simultaneously controlled rotary table.

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**Specifications are subject to change without prior notice.**
KBM-130xxRT SERIES

MOVABLE COLUMN
CNC HORIZONTAL BORING & MILLING MACHINE

- Movable column construction.
- Minimum deflection of spindle extension (W-axis).
- 0.001° indexing direct-drive rotary table or long table. (Simultaneously controlled table is available)
- Table sizes 1400x1600mm. (Various types of table are optional)
- Two box ways on X-axis. (M65 roller type linear ways are optional)
- Two box ways on Y-axis with counter-balance weight. (Choice of Y-axis travels: 2500, 3000, 3500mm)
- M65 roller type linear ways on Z-axis. (Three linear ways with 4 blocks on each way)
- Linear scales on 3 axes. (Heidenhain or Schneeberger brand)
- 40-tool magazine is standard. (60-tool or 90-tool magazine is optional)

Rigid, Powerful Spindle Head
- The spindle head is reinforced with cage-shape ribs for increased rigidity.
- The spindle head integrates a self-made gearbox in combination with a German ZF gearbox with 1:16 (1:22 as optional) teeth ratio, providing greater torque output in heavy cutting.

Table of KBM-13025RT
1600x1400x0.001°
W-axis Travel 700mm

※ Fully enclosed splash guard (optional)
KBM-130xxR SERIES

MOVABLE COLUMN
CNC HORIZONTAL BORING & MILLING MACHINE

- Germany imported high rigidity, high accuracy spindle.
- Spindle diameter Ø130mm. Spindle extension (W-axis) is 700mm (Standard). (900mm optional).
- 1800mm x 2000mm x 0.001° direct-drive rotary table.
  (Various types of table are optional)
- Two box ways on X-axis.
  (M65 roller type linear ways are optional)
- Two box ways on Y-axis with counter-balance weight.
  (Choice of Y-axis travels: 3000 and 3500mm)
- M65 roller type linear ways on Z-axis.
  (Three linear ways with 4 blocks on each way)
- Linear scales on 3 axes.
  (Heidenhain or Schneeberger brand)
- 40-tool magazine is standard.
  (60-tool or 90-tool magazine is optional)

Table of KM-BM-130xxR
- 2000x1800x0.001° table with 15 tons of loading capacity.
- 2200x2400x0.001° table with 20 tons of loading capacity. (optional)
- 2000x3000x0.001° table with 20 tons of loading capacity. (optional)

Spindle Speed / Torque Diagram
FANUC A15 / 7000
(KBM-130XXR)

※ 3 linear ways on X-axis
(Optional for KBM-130xxR)
- Standard accessory for model KBM-130xxRL
- Standard accessory for model KBM-150xxRL
### MACHINE SPECIFICATIONS

#### Table

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<tr>
<th>Model</th>
<th>Unit</th>
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<th>KBM-1302RT</th>
<th>KBM-13032RT</th>
<th>KBM-13042RT</th>
<th>KBM-13052RT</th>
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</thead>
<tbody>
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<td>Table</td>
<td>mm</td>
<td>1600 x 1400 x 0.001*</td>
<td>1800 x 2000 x 0.001*</td>
<td>1800 x 2000 x 0.001*</td>
<td>1800 x 2000 x 0.001*</td>
<td>1800 x 2000 x 0.001*</td>
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<td>24 x 7</td>
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<td>2000 (2500)</td>
<td>2000 (2500)</td>
<td>2000 (2500)</td>
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<tr>
<td>W-Axis</td>
<td>mm</td>
<td>700 (900)</td>
<td>700 (900)</td>
<td>700 (900)</td>
<td>700 (900)</td>
<td>700 (900)</td>
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<tr>
<td>Diameter</td>
<td>mm</td>
<td>Ø130</td>
<td>Ø130</td>
<td>Ø130</td>
<td>Ø130</td>
<td>Ø130</td>
</tr>
<tr>
<td>Spindle Center to Table</td>
<td>mm</td>
<td>0<del>2000 (0</del>2500) (0~3000)</td>
<td>0<del>2000 (0</del>2500) (0~3000)</td>
<td>0<del>2000 (0</del>2500) (0~3000)</td>
<td>0<del>2000 (0</del>2500) (0~3000)</td>
<td>0<del>2000 (0</del>2500) (0~3000)</td>
</tr>
<tr>
<td>Height From Ground to Table Surface</td>
<td>mm</td>
<td>150 - 2350</td>
<td>150 - 2350</td>
<td>150 - 2350</td>
<td>150 - 2350</td>
<td>150 - 2350</td>
</tr>
<tr>
<td>Rapid Feed Rate X/Y/Z</td>
<td>m/min</td>
<td>6</td>
<td>6</td>
<td>6</td>
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<tr>
<td>Minimum Setting</td>
<td>mm/min</td>
<td>0.001</td>
<td>0.001</td>
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<tr>
<td>Cutting Feed Rate</td>
<td>mm/min</td>
<td>1 - 5000</td>
<td>1 - 5000</td>
<td>1 - 5000</td>
<td>1 - 5000</td>
<td>1 - 5000</td>
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<tr>
<td>Lubricator Motor</td>
<td>kW</td>
<td>0.15</td>
<td>0.15</td>
<td>0.15</td>
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<tr>
<td>Hydraulic Pump</td>
<td>kW</td>
<td>2.25</td>
<td>2.25</td>
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<tr>
<td>Coolant Pump</td>
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<tr>
<td>Chip Conveyor</td>
<td>kW</td>
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<tr>
<td>Oil Cooler Pump</td>
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<tr>
<td>No. of Tools</td>
<td>pieces</td>
<td>40 (60)</td>
<td>40 (60)</td>
<td>40 (60)</td>
<td>40 (60)</td>
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</tr>
<tr>
<td>Tool Selection</td>
<td>Absolute</td>
<td>Absolute</td>
<td>Absolute</td>
<td>Absolute</td>
<td>Absolute</td>
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</tr>
<tr>
<td>Tool Change Time</td>
<td>Sec.</td>
<td>15</td>
<td>15</td>
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<tr>
<td>Max. Tool Diameter / Length</td>
<td>mm</td>
<td>Ø125/Ø250 (Without Adjacent Tool) / Length 600</td>
<td>Ø125/Ø250 (Without Adjacent Tool) / Length 600</td>
<td>Ø125/Ø250 (Without Adjacent Tool) / Length 600</td>
<td>Ø125/Ø250 (Without Adjacent Tool) / Length 600</td>
<td>Ø125/Ø250 (Without Adjacent Tool) / Length 600</td>
</tr>
<tr>
<td>Max. Tool Weight</td>
<td>kg</td>
<td>25</td>
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<tr>
<td>Coolant Tank Volume</td>
<td>L</td>
<td>400</td>
<td>400</td>
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<tr>
<td>Hydraulic Tank Volume</td>
<td>L</td>
<td>80</td>
<td>80</td>
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<td>80</td>
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<tr>
<td>Lubrication Tank Volume</td>
<td>L</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
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<tr>
<td>Power Required</td>
<td>kW</td>
<td>55</td>
<td>55</td>
<td>55</td>
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<td>55</td>
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<tr>
<td>Pressurized Air</td>
<td>kg/cm²</td>
<td>6</td>
<td>6</td>
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</tbody>
</table>

#### Standard Accessories
1. Linear scales on X, Y, Z axes
2. Spindle oil cooler
3. Automatic power off
4. Hydraulic system
5. Coolant system
6. Lubricator system
7. Alarm lamp
8. Work lamp
9. M.P.G.
10. RS232 interface
11. Heat exchanger
12. Chip conveyor and cart
13. Leveling bolts & pads
14. Controller manuals and circuit diagram
15. Operation manuals
16. Machine inspection lists
17. Splash guards (around the table)
18. Tool box
19. FANUC GMF
20. ATC 40 Tools

#### Machine Inspection Lists
- Machine inspection lists
- Operation manuals
- Leveling bolts & pads
- Heat exchanger
- Chip conveyor and cart
- Leveling bolts & pads
- Controller manuals and circuit diagram
- Operation manuals
- Machine inspection lists

### Optional Accessories
6. Extension sleeve 250 / 300mm (For KBM-110 series)
7. Extension sleeve 350 / 400mm (For KBM-130 series, KBM-150 series)
8. Choice of various sizes of tables:
   - 1600x1800 (For KBM-110xxRT, 110xxR, 130xxRT series)
   - 2000x2200 / 2000x3000 / 2200x2400 / 2200x3000 / 2200x3600 / 2400x3000 / 2400x3600 / 2600x3000 / 2600x3600 / 3000x3000 / 3000x3600 / 3000x4000
9. Manual 90° angular milling head
10. Face milling head
11. 30/37kW spindle motor and ZF-300 gearbox (For KBM-130, 150 series)

#### Specifications
- All specifications are subject to change without prior notice.
KBM-LONG TABLE SERIES

MOVABLE COLUMN

CNC HORIZONTAL BORING & MILLING MACHINE

- Movable column construction.
- Minimum deflection of spindle extension (W-axis).
- Long type heavy duty table.
- Rigid roller type linear ways on X, Z-axis.
- 40-tool magazine is standard. (60-tool magazine optional)
- Integrated Schneeberger linear ways and linear scales on X, Y, Z-axis.

KBM-13042
KBM-13052
KBM-13062

- Heavy duty table (4000x2500, 5000x2500, 6000x2500mm).
- 4 linear ways on X-axis (M65 roller type).
- X-axis feed is transmitted through precision rack (KBM-13052, 13062).
- Integrated Schneeberger linear ways and linear scales on X, Y, Z-axis.

※ Fully enclosed splash guard (optional)

※ Extra rigid base can withstand heavy load up to 60 tons

High precision rack and twin speed reducers transmission. (For models KBM-13052, 13062)
### MACHINE SPECIFICATIONS

#### STANDARD ACCESSORIES:
1. Linear scales on X, Y, Z axes
2. Spindle oil cooler
3. Automatic power off
4. Hydraulic system
5. Coolant system
6. Lubricator system
7. Alarm lamp
8. Work lamp
9. M.P.S.
10. RS232 interface

#### Optional Accessories:
1. ATC: 60 tools
2. Oil mist device
4. Various auxiliary work tables
5. Coolant through spindle
6. Manual 90° angular milling head
7. Splash guard around table and large external splash guard

### TABLES

#### Table Dimensions
- **KBM-1002T**
- **KBM-11026T**
- **KBM-11032T**
- **KBM-1042T**
- **KBM-11022**
- **KBM-11026**
- **KBM-11032**
- **KBM-11042**
- **KBM-12032**
- **KBM-13042**
- **KBM-13062**
- **KBM-13072**

#### Maximum Load
- **KBM-1002T**: 1200 kg
- **KBM-11026T**: 1500 kg
- **KBM-11032T**: 2000 kg
- **KBM-1042T**: 2500 kg
- **KBM-11022**: 1200 kg
- **KBM-11026**: 1500 kg
- **KBM-11032**: 2000 kg
- **KBM-11042**: 2500 kg
- **KBM-12032**: 3000 kg
- **KBM-13042**: 4000 kg
- **KBM-13062**: 5000 kg
- **KBM-13072**: 5000 kg

#### Table Size
- **KBM-1002T**: 2000 x 1400 mm
- **KBM-11026T**: 2400 x 1400 mm
- **KBM-11032T**: 3800 x 1400 mm
- **KBM-1042T**: 4000 x 1400 mm
- **KBM-11022**: 2000 x 1400 mm
- **KBM-11026**: 2400 x 1400 mm
- **KBM-11032**: 3800 x 1400 mm
- **KBM-11042**: 4000 x 1400 mm
- **KBM-12032**: 4000 x 2500 mm
- **KBM-13042**: 5000 x 2500 mm
- **KBM-13062**: 6000 x 2500 mm
- **KBM-13072**: 7000 x 2500 mm

#### Extension Sleeve (Optional)
- Type: 4000 x 1400
- Length: 1000 mm
- Weight: 250 kg

#### Manual 90° Degree Milling Head (Optional)
- Type: 4000 x 1400
- Length: 1000 mm
- Weight: 250 kg

#### Work Piece Coordinate Measuring (m&h RWP38.41) (Optional)
- Type: 4000 x 1400
- Length: 1000 mm
- Weight: 250 kg

#### Side-mount Chain Type Magazine
- Type: 4000 x 1400
- Length: 1000 mm
- Weight: 250 kg

#### Auto. Tool Length & Diameter Measurement (m&h TS35.10) (Optional)
- Type: 4000 x 1400
- Length: 1000 mm
- Weight: 250 kg

#### Specifications are subject to change without prior notice.