



**BO**-TEC  
Werkzeugmaschinen

**BO**-Turn

*Produktkatalog*





Alle Maschinen sind mit Teileeinleger von unserem Hersteller,  
oder Roboterbeladung von unserem Zulieferer



sowie Absaugungen der Firma LTA erhältlich



Stangenlader von verschiedenen Herstellern erhältlich!

## Advantages

Highlights  
Technologies  
Options  
Automation Solutions  
Environment Friendly  
Processing Capacity  
Technical Data

## Super Rigidity

The machine structure is integrated into a strong base, lower barycenter, 45° saddle design to achieve better vibration damping and reduce deformation, providing headstock & turret with a very stable base.  
45° plant bed structure, more convenient for bar loading & unloading, smoother for chip removal.

## Customized CNC Package

HT series have optional FANUC Oi-TF+ control with Manual Guide I package & Siemens 828D control with Shopturn package, 10.4" display, extra interfaces etc. ready for customers.

## Abundant Options

Servo turret, servo-driven turret, upgrade spindle power, upgrade spindle torque, upgrade bore of cylinder & chuck, drawer type coolant tank, tool probe, oil-mist separator etc. options ready for customers.

## High efficiency line operation (optional)

Thanks to the advanced truss transmission device, it is possible to combine multiple machines with a single task, greatly reducing the transmission time between each process and increasing efficiency.

## HT2



## HT3



## HT5



## HT6



## Advantages Highlights Technologies

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## Twin Turret

Quick and precise production thanks to the rapid servo-driven turret for maximum process reliability. One time clamping finish turning, milling, drilling & tapping operations.  
HT2M: 12positions VDI30 / 8 positions BMT45  
HT3M: 12positions VDI30/12positions BMT55  
HT5M: 12positions BMT55/12positions VDI40  
HT6M/Y: 12positions BMT55/12positions VDI40/16 positions BMT45 Driven tools for machining complex workpieces 12 tool stations, 4,000 rpm, 362Nm, 3 kW

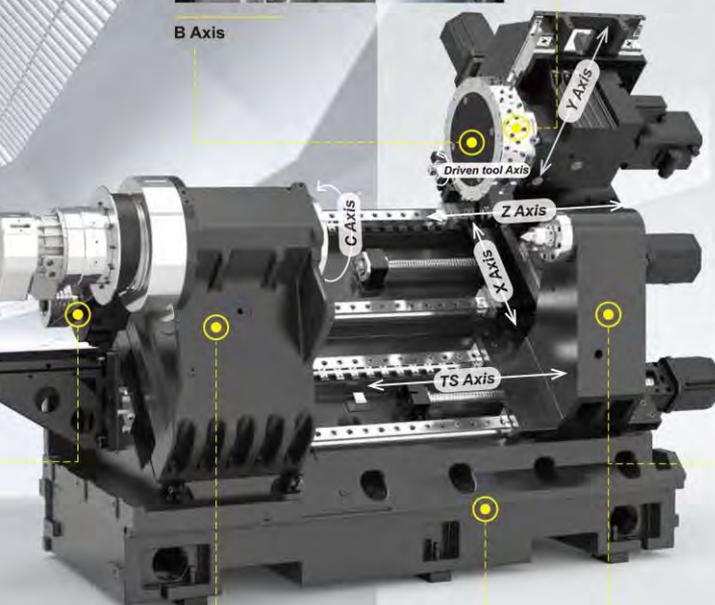
## Ultimate cutting capability

Headstock with heat sink design is integrated casting. Rigid tapping function as standard to realize high-speed precise tapping without floating tapping collets. Easy to program & better tapping accuracy, offers maximum tapping productivity. With high performance V-belt driving spindle, make maintenance easier, also reduce the impact of the spindle accuracy from the heat on spindle motor conducting.  
By adjusting pulley reduction ratio, to synchronize the spindle & the motor maximum rpm, thereby reducing the minimum rpm of the maximum power output & increasing torque, which maximize spindle motor's potential & achieve maximum turning capability.

## Main Drive Spindle Motor

Main drive system using FANUC/SIEMENS high performance servo spindle motor, through V-belt transmission power, to the patent design of high rigidity spindle structure with 3 angular contact ball bearings in front and 2 large aperture angular contact ball or roller(optional) bearings in rear side, to fulfil axial and radial cutting carrying requirements at same time.

## Built-in motor spindle



## Y Axis

CT5: 12positions BMT55 turret, Y axis travel ±35  
CT6: 12positions BMT55 turret, Y axis travel ±50  
16positions BMT45 turret, Y axis travel ±45



## Servo Tailstock

Substantially shorten un-processing time due to servo driven high rigidity tailstock.  
Less operation steps.  
Setup time: reduce 50%  
Operation time: reduce 20%.  
Program different pressure by codes



## Sub Spindle



## High Precision

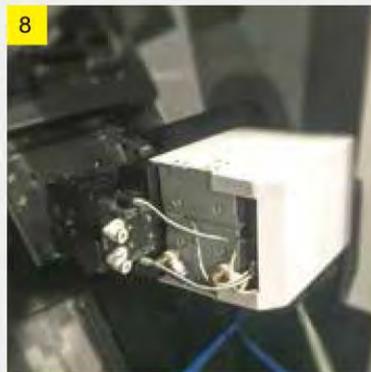
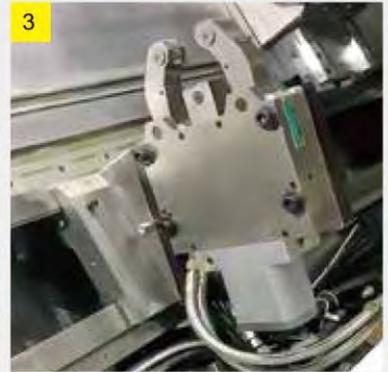
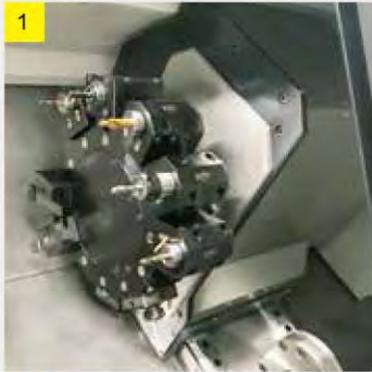
The bigger spindle bearings and the appropriate wide spacing between the guideways ensure that HT series machines by high accuracy and rigidity.

## Iron bed

High stability and perfect machining results thanks to the integrally molded massive HT300 cast iron bed.

# Abundant Options

Providing advanced operability



- ① Yaxis(Orthogonal)  $\pm 35\text{mm}/\pm 50\text{mm}$
- ② Tool Pre-setter
- ③ Steady Rest
- ④ Automatic Top/Front Door
- ⑤ High Pressure Coolant Pump
- ⑥ Bar Feeder
- ⑦ Linear Scale
- ⑧ Secondary clamping jaws
- ⑨ Customized chuck
- ⑩ Oil-Mist Collector
- ⑪ Oil-Water Separator

Advantages  
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Options

## Automation Solutions

Environment Friendly  
Processing Capacity  
Technical Data



## Automation Solutions

- Compact design delivery system provide unmanned production capacity with maximum work piece weight up to 6KG.
- Sieglo is prepared to design customized product process for all HT series endusers.

Intelligent Manufacturing



## Features



- Thanks to intergrated into machine CNC control, programming & setup is direct and simpler.
- Automatic truss delivery system with 3 jaws clamping grapper and rotating cylinder.
- Optimized housing simplified equipment maintenance.
- Linear robot system with high speed & high precesion gear & rack structure.
- Telescop arm optional ready for low workshop roof endusers.
- Work piece measuring system & tool measuring system.
- All new overall outlook design style.

Automatic truss delivery system optional for all HT series machine models  
Developed automatic truss delivery system based on HT series, is specially designed for HT models. Sieglo provides one-stop service of complete intergrated system including turning center and automation system.

Therefore machines and automatic system only need one control system to manage all jobs. This helps maintain and operate the whole system more easier.

Up to 6 KGs work piece loading capacity, faster, simpler to operator and more flexible.

Maximum availbale work piece size is  $\phi 200 \times 150$ mm.

Advantages  
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## **Environment Friendly**

Processing Capacity  
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# We only build environment friendly machine tools & technologies

Under normal temperature environment, achieve same processing precision performance compared to constant temperature workshop, no need to equip air conditioning system for precision control purpose.

## Energy saving Functions & Technologies

- Spindle Chiller System
- Automatic power-off all accessories after automation producing cycles.
- Automatic power saving mode under no load rotating
- Lightweight design & low inertia design ideas
- High performance single CPU structure
- Simplified mechanic structure design for energy saving
- Displayer auto power saving mode
- Complete thermal equilibrium design ideas

## Environmental Protection

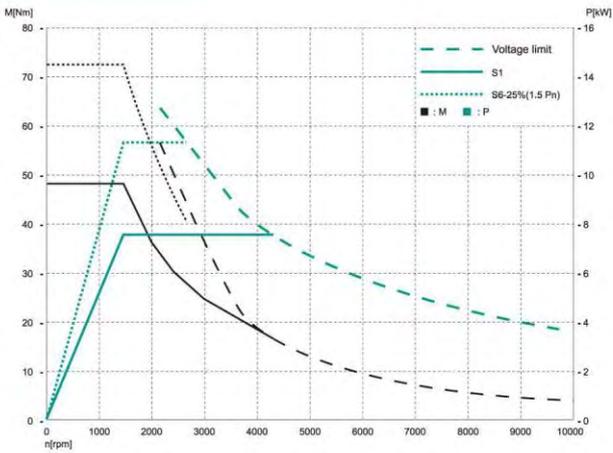
- Oil recycling system as standard
- Oil-water separator as standard for HT5 and above
- Self-recycle system of coolant tank in case of long term machine power-off



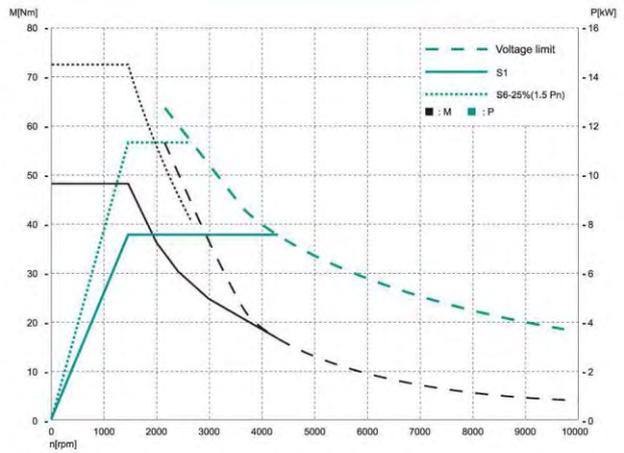
Advantages  
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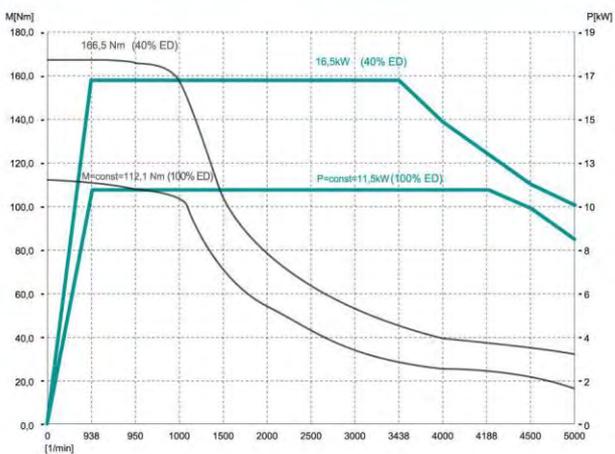
HT2 Series power torque chart



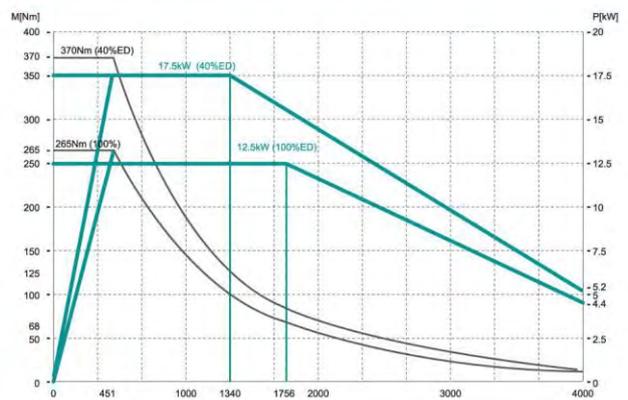
HT3 Series power torque chart



HT5 Series power torque chart



HT6 Series power torque chart



Advantages  
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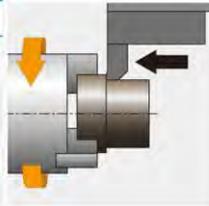
## Processing Capacity

Technical Data

**HT6**

### Heavy-duty cutting (OD)

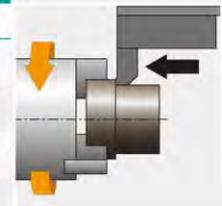
|               |                         |
|---------------|-------------------------|
| Material      | AL 6061                 |
| Diameter      | Φ50 mm                  |
| Insert nose   | R0.4 mm                 |
| Spindle speed | 2,200 min <sup>-1</sup> |
| Feed rate     | 0.1 mm/rev              |
| Depth of cut  | 0.11 mm                 |
| Cut length    | 60 mm                   |
| Roundness     | 2-5 μ                   |
| Cylindricity  | 3-7 μ                   |
| Roughness     | Ra0.3-0.6               |



**HT6**

### Heavy-duty cutting (OD)

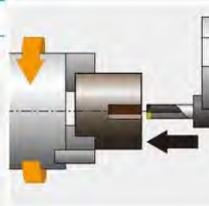
|               |                       |
|---------------|-----------------------|
| Material      | C45                   |
| Cutting speed | 130 m/min             |
| Spindle speed | 414 min <sup>-1</sup> |
| Feed rate     | 0.3 mm/rev            |
| Depth of cut  | 6.0 mm                |
| Cut length    | 60 mm                 |



**HT6**

### U-Drill

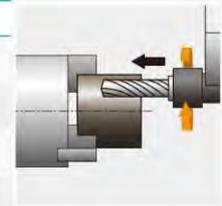
|               |                         |
|---------------|-------------------------|
| Material      | C45                     |
| Tool diameter | Φ55 mm                  |
| Cutting speed | 180 m/min               |
| Spindle speed | 1,042 min <sup>-1</sup> |
| Feed rate     | 0.1 mm/rev              |



**HT6**

### Drill (Driven tool)

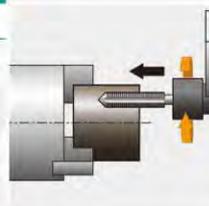
|                |                        |
|----------------|------------------------|
| Material       | C45                    |
| Tool diameter  | Φ16 mm                 |
| Rotation speed | 1000 min <sup>-1</sup> |
| Feed rate      | 200 mm/min             |



**iHT6**

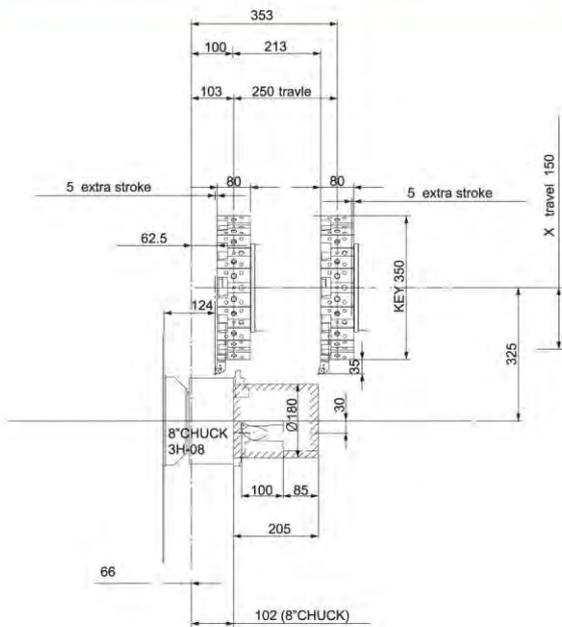
### Tap (Driven tool)

|                |                       |
|----------------|-----------------------|
| Material       | C45                   |
| Tool Spec      | M12 × P1.5            |
| Rotation speed | 300 min <sup>-1</sup> |
| Feed rate      | 450 mm/min            |

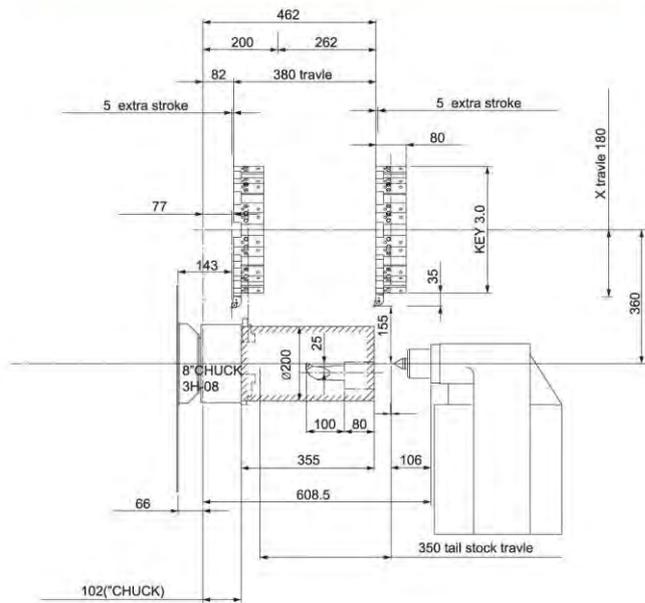


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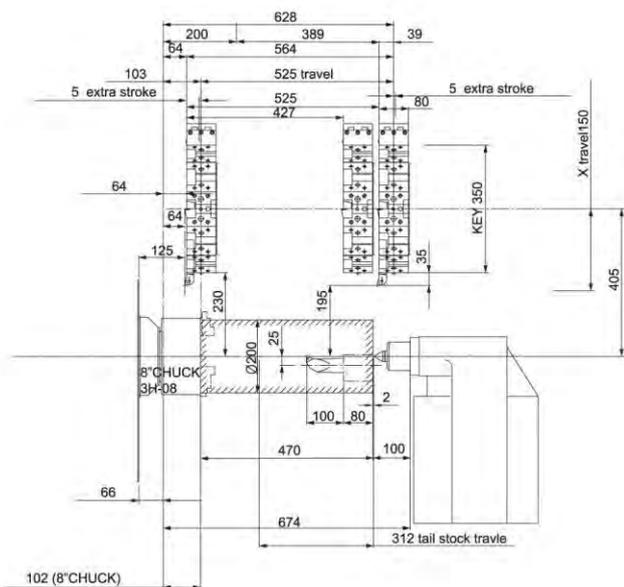
**HT2 Series Working area**



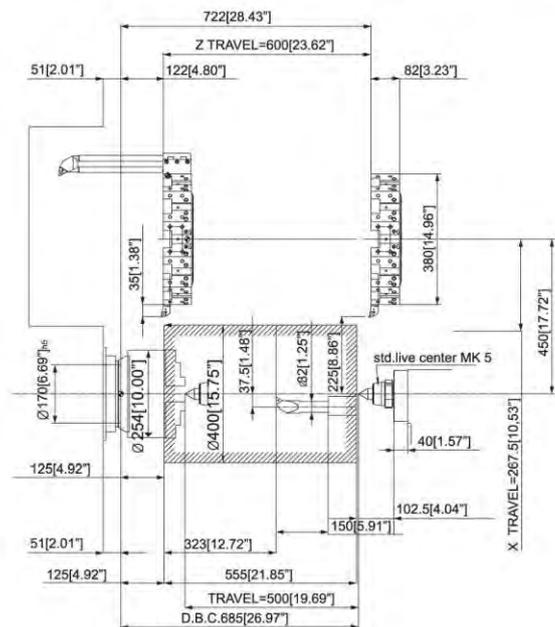
**HT3 Series Working area**



**HT5 Series Working area**



**HT6 Series Working area**

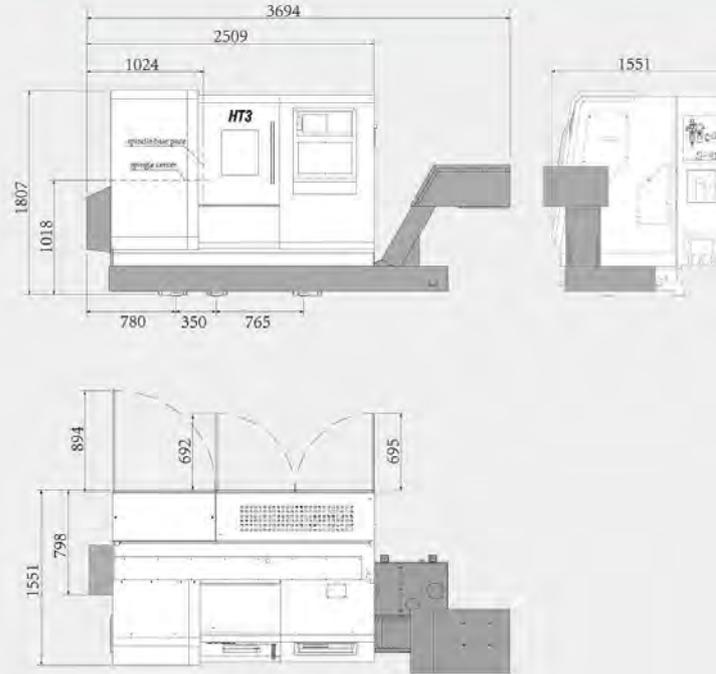




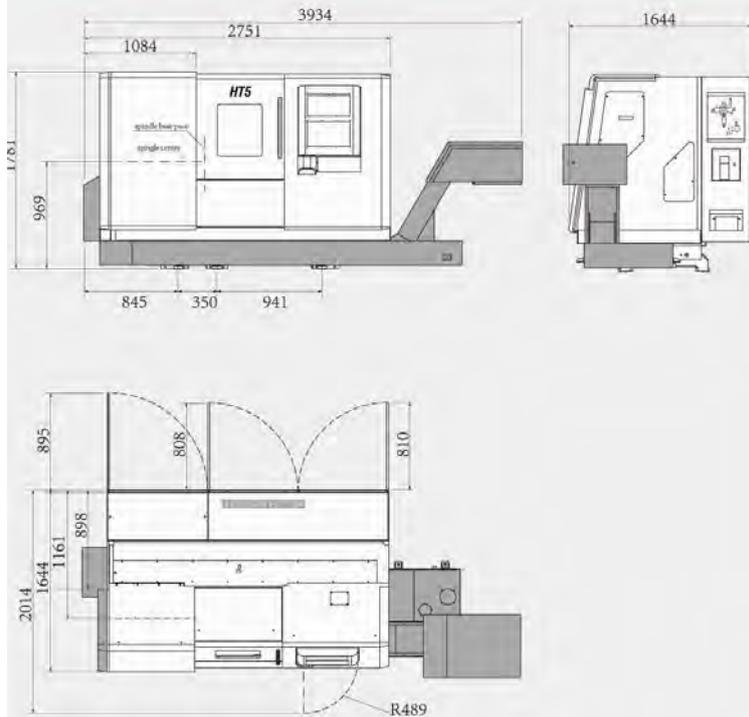
## HT2 Series Floor Plans



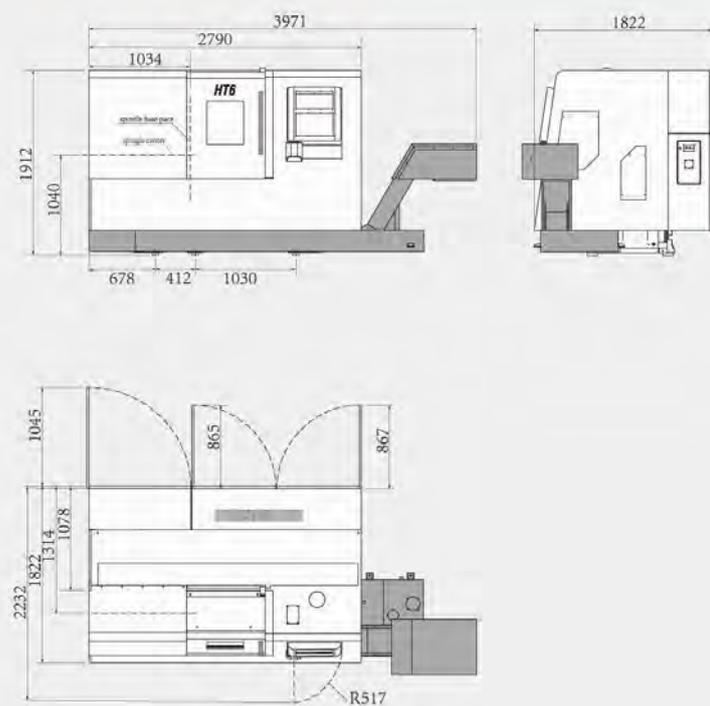
## HT3 Series Floor Plans



## HT5 Series Floor Plans



## HT6 Series Floor Plans



## HT2

| <b>Technical Parameters</b>           |        |                         |
|---------------------------------------|--------|-------------------------|
| Spindle head                          | Type   | A2-5                    |
| Spindle max speed                     | rpm    | 5000                    |
| Torque 40% ED                         | N      | 76                      |
| Spindle power                         | kW     | 5.5-7.5 / 7.5-11        |
| Chuck diameter                        | mm     | 165                     |
| Spindle bore                          | mm     | 56                      |
| Front bearing diameter                | mm     | 80                      |
| Spindle bearing lubrication           | Type   | Grease                  |
| Linear motion lubrication             | Type   | Oil                     |
| Speed range                           | rpm    | 5-5000                  |
| <b>Working area</b>                   |        |                         |
| Maximum swing over bed                | mm     | 520                     |
| Maximum cutting diameter              | mm     | 260                     |
| Suggested cutting diameter            | mm     | 150                     |
| Maximum machining length              | mm     | 200                     |
| Maximum bar capacity                  | mm     | 41                      |
| Travel Z                              | mm     | 250                     |
| Travel X                              | mm     | 150                     |
| <b>Ballscrew</b>                      |        |                         |
| X / Z axes ballscrew D x P            | mm     | 32 x 10                 |
| Feed                                  |        |                         |
| Rapid traverse Z                      | m/min  | 30                      |
| Rapid traverse X                      | m/min  | 30                      |
| <b>Measuring system</b>               |        |                         |
| X / Z axes measuring system           | mm     | Absolute rotative       |
| Positioning(X / Z);VDI/DGQ 3441       | mm     | 0.008/0.008             |
| Repeatability(X/ Z);VDI/DGQ 3441      |        | 0.004/0.005             |
| <b>Tool attachments</b>               |        |                         |
| Servo turret                          | -      | Pragati/Sauter          |
| No. of tool stations                  | -      | 8 / 12                  |
| Turret disk type                      | mm     | Slot type               |
| Tool attachment                       | Type   | 20 / 25                 |
| Driven tools turret                   | #      | <b>SAUTER</b>           |
| No. of tool stations(Driven tools)    | -      | 12                      |
| Turret disk type                      | N      | VD130                   |
| Maximum clamping force                | mm     | 4000                    |
| OD tool size                          | rpm    | 20                      |
| Maximum speed                         | kW     | 3000                    |
| Drive power (40 % DC)                 | N      | 3                       |
| Torque (40 % DC)                      |        | 20                      |
| <b>Electrical specifications</b>      |        |                         |
| Voltage                               | Hz     | 380 ±10%                |
| Frequency                             | KVA    | 50 ± 1%                 |
| Max. installed power                  | mm2    | 20                      |
| <b>Hydraulic unit</b>                 |        |                         |
| Max. working pressure                 | bar    | 45 / 50                 |
| Reservoir capacity                    | l      | 15                      |
| Pump flow                             | l/ min | 24                      |
| <b>Coolant system</b>                 |        |                         |
| Capacity with tank                    | l      | 100                     |
| Pump delivery                         | l /min | 30                      |
| Pump pressure                         | bar    | 5                       |
| <b>Noise level</b>                    |        |                         |
| Noise control                         | dB (A) | ≤80                     |
| <b>Control system</b>                 |        |                         |
| CNC                                   |        | FANUC 0iTF+/SIEMENS828D |
| <b>Weight</b>                         | kg     | About 2800              |
| <b>Slant angle, Material</b>          | °      | 45°, HT300              |
| <b>Size (length × width × height)</b> | mm     | 1600 x 1500 x 1750      |

**HT3**

**Technical Parameters**

|                             |      |                  |
|-----------------------------|------|------------------|
| Spindle head                | Type | FL 140 h5 / A2-6 |
| Spindle max speed           | rpm  | 4500             |
| Torque 40% ED               | N    | 112              |
| Spindle power               | kW   | 7.5-11/11-15     |
| Chuck diameter              | mm   | 165/210          |
| Spindle bore                | mm   | 74               |
| Front bearing diameter      | mm   | 100              |
| Spindle bearing lubrication | Type | Grease           |
| Linear motion lubrication   | Type | Oil              |
| Speed range                 | rpm  | 5-4500           |

**Working area**

|                            |    |          |
|----------------------------|----|----------|
| Maximum swing over bed     | mm | 558      |
| Maximum cutting diameter   | mm | 340/328  |
| Suggested cutting diameter | mm | 185      |
| Maximum machining length   | mm | 350      |
| Maximum bar capacity       | mm | 42/51/65 |
| Travel Z                   | mm | 380      |
| Travel X                   | mm | 180      |

**Ballscrew**

|                            |    |         |
|----------------------------|----|---------|
| X / Z axes ballscrew D x P | mm | 32 x 10 |
|----------------------------|----|---------|

**Feed**

|                  |       |    |
|------------------|-------|----|
| Rapid traverse Z | m/min | 30 |
| Rapid traverse X | m/min | 30 |

**Measuring system**

|                                    |    |                   |
|------------------------------------|----|-------------------|
| X / Z axes measuring system        |    | Absolute rotative |
| Positioning(X / Z);VDI/DGQ 3441    | mm | 0.008/0.008       |
| Repeatability (X / Z);VDI/DGQ 3441 | mm | 0.004/0.005       |

**Tailstock (Option)**

|                  |      |                             |
|------------------|------|-----------------------------|
| Stroke           | mm   | 350                         |
| Tailstock moving | Type | Hydraulic Programed / Servo |
| Pressure         | N    | 4000                        |
| Centre location  | Type | MT 4                        |

**Tool attachments**

|                                    |      |           |
|------------------------------------|------|-----------|
| Servo turret                       | Type | Pragati   |
| No. of tool stations               | -    | 8/12      |
| Turret disk type                   | -    | Slot type |
| Tool attachment                    | mm   | 25        |
| Driven tools turret                | Type | SAUTER    |
| No. of tool stations(Driven tools) | #    | 12        |
| Turret disk type                   | -    | BMT55     |
| Maximum clamping force             | N    | 4000      |
| OD tool size                       | mm   | 25        |
| Maximum speed                      | rpm  | 3000      |
| Drive power (40 % DC)              | kW   | 3         |
| Torque (40 % DC)                   | N    | 20        |

**Electrical specifications**

|                      |     |          |
|----------------------|-----|----------|
| Voltage              | V   | 380 ±10% |
| Frequency            | Hz  | 50 ± 1%  |
| Max. installed power | KVA | 20/25    |

**Hydraulic unit**

|                       |        |       |
|-----------------------|--------|-------|
| Max. working pressure | bar    | 45/55 |
| Reservoir capacity    | l      | 35    |
| Pump flow             | l/ min | 24    |

**Coolant system**

|                    |        |     |
|--------------------|--------|-----|
| Capacity with tank | l      | 150 |
| Pump delivery      | l /min | 30  |
| Pump pressure      | bar    | 5   |

**Noise level**

|               |        |     |
|---------------|--------|-----|
| Noise control | dB (A) | ≤80 |
|---------------|--------|-----|

**Control system**

|     |  |                          |
|-----|--|--------------------------|
| CNC |  | FANUC0iTf / SIEMENS 828D |
|-----|--|--------------------------|

|               |    |            |
|---------------|----|------------|
| <b>Weight</b> | kg | About 3500 |
|---------------|----|------------|

|                              |   |            |
|------------------------------|---|------------|
| <b>Slant angle, Material</b> | ° | 45°, HT300 |
|------------------------------|---|------------|

|                                       |    |                    |
|---------------------------------------|----|--------------------|
| <b>Size (length × width × height)</b> | mm | 2550 x 1600 x 1850 |
|---------------------------------------|----|--------------------|

|                                    |         | HT5                         | HT5L                        |
|------------------------------------|---------|-----------------------------|-----------------------------|
| <b>Technical Parameters</b>        |         |                             |                             |
| Spindle head                       | Type    | FL 140 / A2-6               | FL 140 / A2-6               |
| Spindle max speed                  | rpm     | 4500                        | 4500                        |
| Torque 40% ED                      | N       | 112                         | 112                         |
| Spindle power                      | kW      | 11-15                       | 11-15                       |
| Chuck diameter                     | mm      | 210                         | 210                         |
| Spindle bore                       | mm      | 74                          | 74                          |
| Front bearing diameter             | mm      | 100                         | 100                         |
| Spindle bearing lubrication        | Type    | Grease                      | Grease                      |
| Linear motion lubrication          | Type    | Oil                         | Oil                         |
| Speed range                        | rpm     | 5-4500                      | 5-4500                      |
| <b>Working area</b>                |         |                             |                             |
| Maximum swing over bed             | mm      | 576                         | 576                         |
| Maximum cutting diameter           | mm      | 390 / 348                   | 390 / 348                   |
| Suggested cutting diameter         | mm      | 200                         | 200                         |
| Maximum machining length           | mm      | 500                         | 800                         |
| Maximum bar capacity               | mm      | 51/65                       | 51/65                       |
| Travel Z                           | mm      | 525                         | 850                         |
| Travel X                           | mm      | 225                         | 225                         |
| Travel Y (Option)                  | mm      | ±35                         | ±35                         |
| <b>Ballscrew</b>                   |         |                             |                             |
| X / Z axes ballscrew D x P         | mm      | 32 x 10                     | 32 x 10                     |
| <b>Feed</b>                        |         |                             |                             |
| Rapid traverse Z                   | m/min   | 30                          | 30                          |
| Rapid traverse X                   | m/min   | 30                          | 30                          |
| <b>Measuring system</b>            |         |                             |                             |
| X / Z axes measuring system        |         | Absolute rotative           | Absolute rotative           |
| Positioning(X / Z);VDI/DGQ 3441    | mm      | 0.008/0.008                 | 0.008/0.008                 |
| Repeatability (X / Z);VDI/DGQ 3441 | mm      | 0.005/0.005                 | 0.005/0.005                 |
| <b>Tailstock</b>                   |         |                             |                             |
| Stroke                             | mm      | 500                         | 800                         |
| Tailstock moving                   | Type    | Hydraulic Programed / Servo | Hydraulic Programed / Servo |
| Pressure                           | N       | 4000                        | 4000                        |
| Centre location                    | Type    | MT 4                        | MT 4                        |
| <b>Tool attachments</b>            |         |                             |                             |
| Servo turret                       | Type    | Pragati                     | Pragati                     |
| No. of tool stations               | -       | 12                          | 12                          |
| Turret disk type                   | -       | Slot type                   | Slot type                   |
| Tool attachment                    | mm      | 25                          | 25                          |
| Driven tools turret                | Type    | SAUTER                      | SAUTER                      |
| No. of tool stations(Driven tools) | #       | 12                          | 12                          |
| Turret disk type                   | -       | BMT55                       | BMT55                       |
| Maximum clamping force             | N       | 4000                        | 4000                        |
| OD tool size                       | mm      | 25                          | 25                          |
| Maximum speed                      | rpm     | 3000                        | 3000                        |
| Drive power (40 % DC)              | kW      | 3                           | 3                           |
| Torque (40 % DC)                   | N       | 20                          | 20                          |
| <b>Electrical specifications</b>   |         |                             |                             |
| Voltage                            | V       | 380 ±10%                    | 380 ±10%                    |
| Frequency                          | Hz      | 50 ± 1%                     | 50 ± 1%                     |
| Max. installed power               | KVA     | 25                          | 25                          |
| <b>Hydraulic unit</b>              |         |                             |                             |
| Max. working pressure              | bar     | 45/50                       | 45/50                       |
| Reservoir capacity                 | l       | 35                          | 35                          |
| Pump delivery                      | l / min | 24                          | 24                          |
| <b>Coolant system</b>              |         |                             |                             |
| Capacity with tank                 | l       | 180                         | 180                         |
| Pump delivery                      | l / min | 30                          | 30                          |
| Pump pressure                      | bar     | 5                           | 5                           |
| <b>Noise level</b>                 |         |                             |                             |
| Noise control                      | dB (A)  | ≤80                         | ≤80                         |
| <b>Control system</b>              |         |                             |                             |
| CNC                                |         | FANUC 0iTF / SIEMENS 828D   | FANUC 0iTF / SIEMENS 828D   |
| Weight                             | kg      | About 4000                  | About 4800                  |
| Slant angle, Material              | °       | 45°, HT300                  | 45°, HT300                  |
| Size (length × width × height)     | mm      | 2750 x 1700 x 1850          | 3100 x 1700 x 1850          |

|                                    |        | HT6                           | HT6L                          |
|------------------------------------|--------|-------------------------------|-------------------------------|
| <b>Technical Parameters</b>        |        |                               |                               |
| Spindle head                       | Type   | FL 170 h5                     | FL 220 h5                     |
| Spindle max speed                  | rpm    | 4000                          | 3000                          |
| Torque 40% ED                      | N      | 300                           | 420                           |
| Spindle power                      | kW     | 15-18.5                       | 15-18.5                       |
| Chuck diameter                     | mm     | 250/310                       | 250/310                       |
| Spindle bore                       | mm     | 87                            | 102                           |
| Front bearing diameter             | mm     | 130                           | 140                           |
| Spindle bearing lubrication        | Type   | Grease                        | Grease                        |
| Linear motion lubrication          | Type   | Oil                           | Oil                           |
| Speed range                        | rpm    | 5-4000                        | 5-3000                        |
| <b>Working area</b>                |        |                               |                               |
| Maximum swing over bed             | mm     | 670                           | 680                           |
| Maximum cutting diameter           | mm     | 450/420                       | 500/450                       |
| Suggested cutting diameter         | mm     | 250                           | 300                           |
| Maximum machining length           | mm     | 550                           | 1000                          |
| Maximum bar capacity               | mm     | 65/75                         | 75/90                         |
| Travel Z                           | mm     | 600                           | 1050                          |
| Travel X                           | mm     | 267                           | 300                           |
| Travel Y (Option)                  | mm     | ±45/±55                       | ±45/±60                       |
| <b>Ballscrew</b>                   |        |                               |                               |
| X / Z axes ballscrew D x P         | mm     | 40 x 10                       | 40 x 10                       |
| <b>Feed</b>                        |        |                               |                               |
| Rapid traverse Z                   | m/min  | 30                            | 30                            |
| Rapid traverse X                   | m/min  | 30                            | 30                            |
| <b>Measuring system</b>            |        |                               |                               |
| X / Z axes measuring system        |        | Absolute rotative             | Absolute rotative             |
| Positioning(X / Z);VDI/DGQ 3441    | mm     | 0.008/0.008                   | 0.008/0.008                   |
| Repeatability(X/ Z);VDI/DGQ 3441   | mm     | 0.005/0.005                   | 0.005/0.005                   |
| <b>Tailstock</b>                   |        |                               |                               |
| Stroke                             | mm     | 500                           | 850                           |
| Tailstock moving                   |        | Hydraulic Programed / Servo   | Hydraulic Programed / Servo   |
| Pressure                           | N      | 8000                          | 8000                          |
| Centre location                    | Type   | MT5                           | MT5                           |
| <b>Tool attachments</b>            |        |                               |                               |
| Servo turret                       | Type   | Pragati                       | Pragati                       |
| No. of tool stations               | -      | 12                            | 12                            |
| Turret disk type                   | -      | Slot type                     | Slot type                     |
| Tool attachment                    | mm     | 25                            | 25                            |
| Driven tools turret                | Type   | SAUTER                        | SAUTER                        |
| No. of tool stations(Driven tools) | #      | 12/16                         | 12/16                         |
| Turret disk type                   | -      | BMT55/BMT45/VD140             | BMT55/BMT45/VD140             |
| Maximum clamping force             | N      | 4000                          | 4000                          |
| OD tool size                       | mm     | 25 x 25                       | 25 x 25                       |
| Maximum speed                      | rpm    | 3000                          | 3000                          |
| Drive power (40 % DC)              | kW     | 3                             | 3                             |
| Torque (40 % DC)                   | N      | 45                            | 45                            |
| <b>Electrical specifications</b>   |        |                               |                               |
| Voltage                            | V      | 380 ±10%                      | 380 ±10%                      |
| Frequency                          | Hz     | 50 ± 1%                       | 50 ± 1%                       |
| Max. installed power               | KVA    | 35                            | 35                            |
| <b>Hydraulic unit</b>              |        |                               |                               |
| Max. working pressure              | bar    | 45/50                         | 45/50                         |
| Reservoir capacity                 | l      | 35                            | 35                            |
| Pump delivery                      | l/ min | 24                            | 24                            |
| <b>Coolant system</b>              |        |                               |                               |
| Capacity with tank                 | l      | 180                           | 180                           |
| Pump delivery                      | l /min | 30                            | 30                            |
| Pump pressure                      | bar    | 5                             | 5                             |
| <b>Noise level</b>                 |        |                               |                               |
| Noise control                      | dB (A) | ≤80                           | ≤80                           |
| <b>Control system</b>              |        |                               |                               |
| CNC                                |        | FANUC 0iTF0iTF / SIEMENS 828D | FANUC 0iTF0iTF / SIEMENS 828D |
| Weight                             | kg     | About 5200                    | About 7500                    |
| Slant angle, Materia               | °      | 45°, HT300                    | 45°, HT300                    |
| Size (length × width × height)     | mm     | 2800 x 1850 x 1950            | 3900x 1900 x 2050             |

**BOB-tec**

# **Werkzeugmaschinen**

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