The challenges faced by automobile manufacturers today are the same everywhere in the world. Constantly increasing pressure to increase productivity, reduce costs and maximize output are part of the everyday working environment.

Mazak machine tools are designed to effectively address these requirements. Their high speed operation will provide fast machining cycle times. Their reasonable purchase price together with fast component machining times will contribute to lower part cost. Their exceptional reliability makes it possible to operate them around the clock for the maximum output.

Mazak machine tools can be easily integrated into production lines thanks to their overall compact size. The flexibility of Mazak CNC machine tools meets your production requirements of automotive components today as well as tomorrow, and by doing so provide you unsurpassed value.
High speed acceleration and machining reduces non-machining time

High reliability ATC system

Hydraulic power supply for fixtures and A-axis table are optionally available

Compact high speed horizontal machining center for mass production

FF-5000/40

- High speed acceleration and machining reduces non-machining time
- High reliability ATC system
- Hydraulic power supply for fixtures and A-axis table are optionally available

Mass Production Machines

- Optimum solutions for your production requirements
  Extensive accumulated expertise for a variety of applications

- Large volume production of automotive components
  Constantly striving to reduce cycle times second by second

- Example automotive components produced by Mazak machine tools

- Applications
  Extensive accumulated expertise for a variety of applications

- Large volume production of automotive components
  Mass Production Machines
  Constantly striving to reduce cycle times second by second

- Example automotive components produced by Mazak machine tools
  Extensive accumulated expertise for a variety of applications
Variety of spindle specifications for any production requirement
High rigidity construction
Optional automatic equipment for efficient large volume production

HCN series
Productive machining of large components
Optional automatic tool changer for turning tools prevents tool interference
Mirror-image version available for optimum floor layouts

Mega Turn series
Powerful, heavy duty CNC VTLs
High speed, high accuracy horizontal machining centers
No.30 taper spindle compact vertical machining center
Compact CNC turning centers
Affordable machine designed to meet a wide variety of production requirements
Integral spindle / motor for high speed, high accuracy machining

VC-Primos 400 S
Compact design provides high productivity in a small floor space
60 mm/min feedrate for efficient high speed machining of small components

Robot cell
Designed for unmanned operation over extended periods of time.
A variety of robots is available for automatic workpiece loading and unloading.

Multi-tasking / 5-axis high-accuracy machining of complex components
Process Integration
By integrating all processes from material supply to finished components in a single machine, fixture expense, labor cost and cycle time are reduced

HCN-5000S shown with Gantry robot system

VC-Primos series
Multi-tasking / 5-axis high-accuracy machining of complex components

Mega Turn series
Multi-tasking / 5-axis high-accuracy machining of complex components

VC-Primos 400 S

VC-Primos series
Multi-tasking / 5-axis high-accuracy machining of complex components

VC-Primos 400 S

Multi-tasking / 5-axis high-accuracy machining of complex components

INTEGREX i series
Multi-tasking / 5-axis high-accuracy machining of complex components

INTEGREX e-H series
Multi-tasking / 5-axis high-accuracy machining of complex components

INTEGREX i series
Multi-tasking / 5-axis high-accuracy machining of complex components

INTEGREX e-H series
Multi-tasking / 5-axis high-accuracy machining of complex components

Integrex series
Multi-tasking / 5-axis high-accuracy machining of complex components

Integrex series
Multi-tasking / 5-axis high-accuracy machining of complex components

VARIAXIS i series
Multi-tasking / 5-axis high-accuracy machining of complex components

VARIAXIS series
Multi-tasking / 5-axis high-accuracy machining of complex components

VARIAXIS series
Multi-tasking / 5-axis high-accuracy machining of complex components

INTEGREX J series
Multi-tasking / 5-axis high-accuracy machining of complex components

INTEGREX series
Multi-tasking / 5-axis high-accuracy machining of complex components

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