KM2600MTTS

HYUNDAI WIA Multitasking Machine

HYUNDAI WIA

KM 2600MTTS

- Max. Turning Dia. (Mill/Turret)
  B axis 140° : Ø750(29.5″), B axis 90° : Ø630(24.8″)/390 (15.4″)
- Max. Turing Length 1,550 mm (61″)
- Chuck Size Main/Sub : 10″
- Spindle Speed Main/Sub : 4,000 r/min
- Max. Spindle Power Main : 30 kW (40.2 HP), Sub : 26 kW (34.8 HP)
- Mill Speed 12,000 r/min
- Max. Mill Power 26 kW (34.8 HP)
- No. of Tools 36ea [Opt. 72ea]
- Travel (X1/Z1/Y/X2/Z2/ZB)
  705/1,595/250/250/1,500/1,586 mm(27.8″/62.8″/9.8″/9.8″/59″/62.4″)
- B Axis Angle 240° (−30° ~ +210°)
- Rapid Traverse Rate (X1/Z1/Y/X2/Z2/ZB)
  40/40/40/30/20/15 m/min (1,575/ 1,575/ 1,575/1,181/787/591 ipm)

Process-intensive 9-axis Multi-tasking Machine

The multitasking machine KM2600MTTS,
designed by HYUNDAI WIA with years of expertise and the latest technology,
is designed to maximize productivity by utilizing twin spindles and mill head.

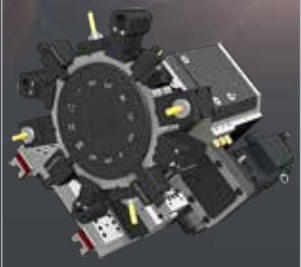
MULTITASKING MACHINE

Main & Sub Spindle

Built-in Motor
10″
4,000 r/min

Mill Head

Built-in Motor
CAPTO C6
12,000 r/min



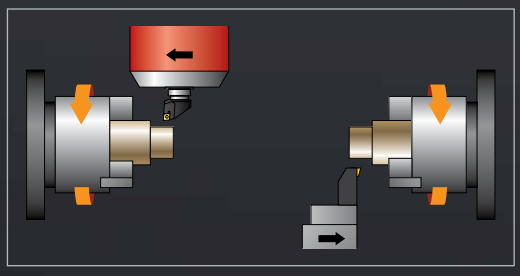
Lower Turret

BMT65P
□25/Ø40 (□1″/Ø1.6″)
5,000 r/min

Productivity Enhanced by Main & Sub Simultaneous and Balanced Cutting Capability

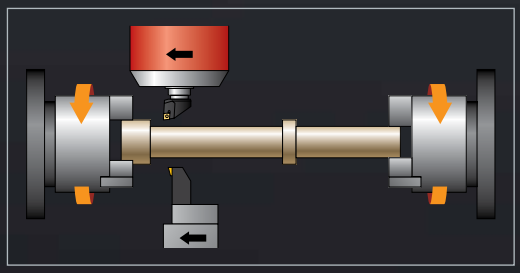
Simultaneous Machining

The KM2600MTTS is equipped with 1st & 2nd spindles for simultaneous cutting, dramatically enhancing productivity.



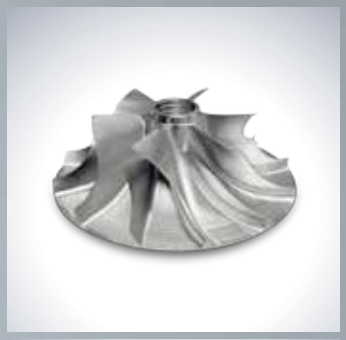
Balanced Machining

The Mill Head and Lower Turret enable balanced cutting, thereby shortening the cutting time and enabling high-speed, precision machining.



Applications & Parts

VACUUM PUMP ROTOR

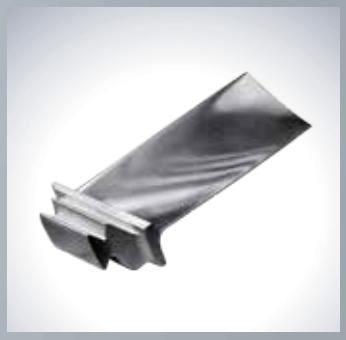


IMPELLER

MOUNTING SHELL

ARTIFICIAL BONE

HOUSING, ELECTRIC MOTOR



BLADE, COMPRESSOR

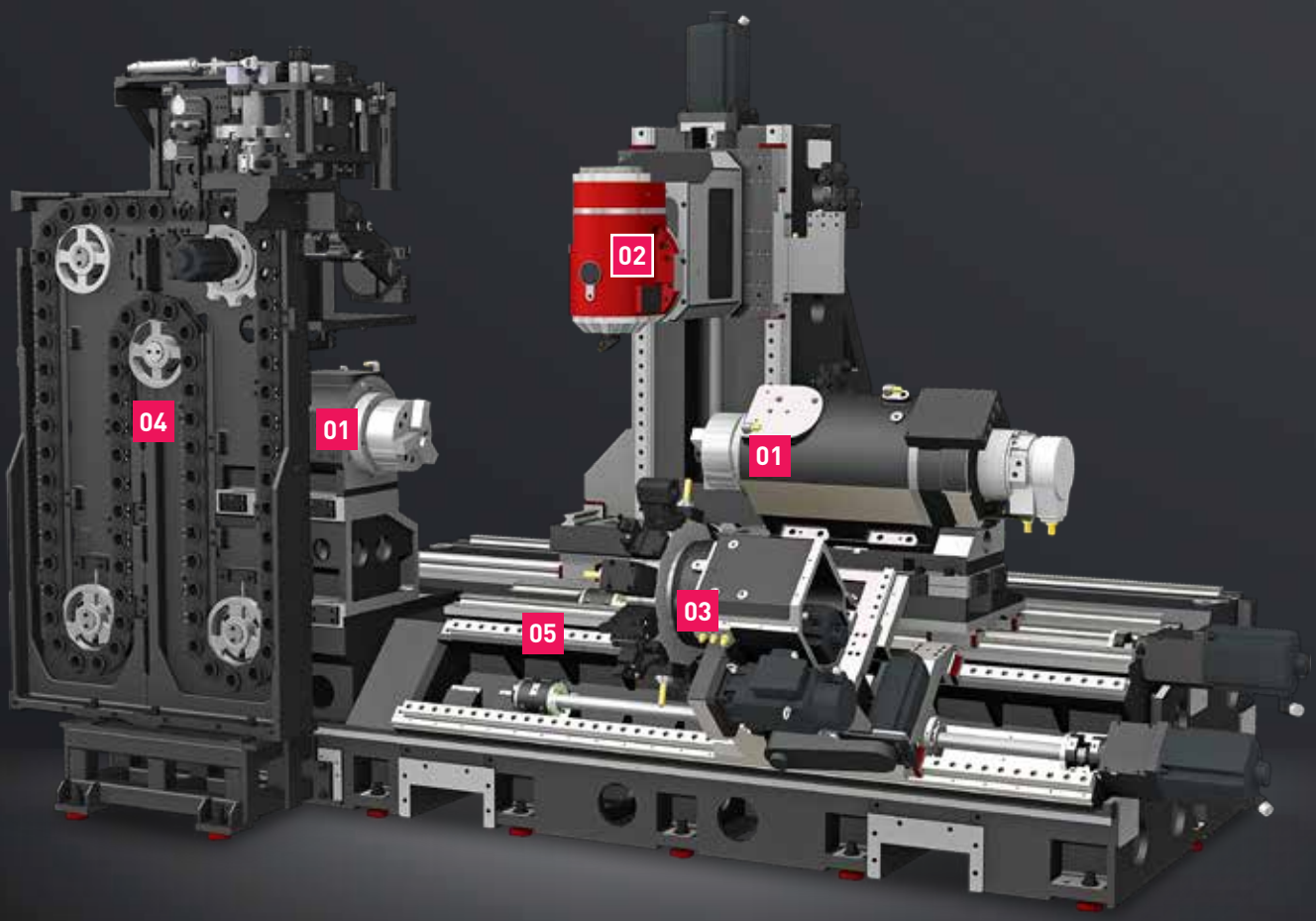
HOUSING, ENGINE

CRANKSHAFT

01 Basic Features

KM2600MTTS

Process-intensive 9-axis Multi-tasking Machine with the Mill Head, 2 Spindle & Lower Turret



High-rigidity Construction with High Aging Resistance

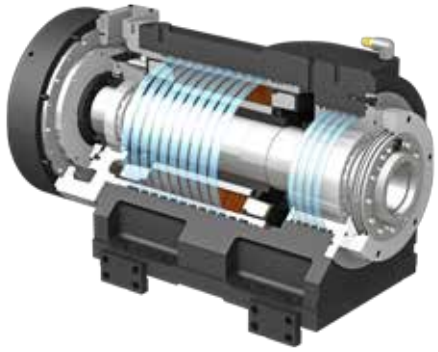
- The adoption of a milling head with a built-in B axis (0.0001control) enables the operator to perform turning and milling works in perfect harmony.
- The highly rigid Y-axis structure makes it possible to process diverse shapes.
- Application of CAPTO C6 tool for high speed complex machining
- The model features built-in main & sub-spindles with high output and high torque.

Basic Features

01

Built-In 10″ Main & Sub Spindle

The built-in 4,000rpm-class spindle minimizes vibration to allow machining of the highest precision.



02

Mill Head

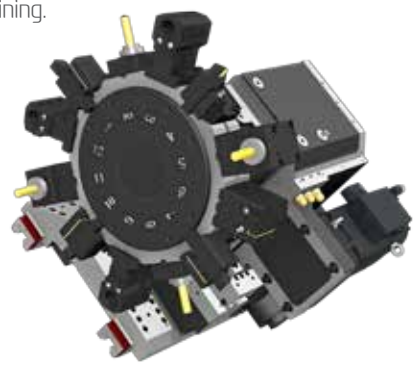
The mill head of KM2600MTTS, where the b-axis control can be done, is mounted with a high-resolution encoder having a DDM (Direct Drive Motor) and 0.0001° to secure high positioning precision. This shows the highest machining perfomance among the same class.

<12,000 r/min>

03

BMT Lower Turret

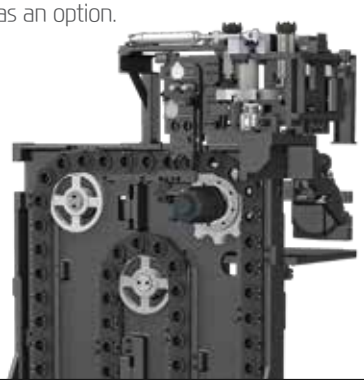
The lower turret ensures the high-speed machining of complicated shapes in precision only with the one-time setting of an object to be machined with the mill head and complex machining.



04

ATC & Magazine

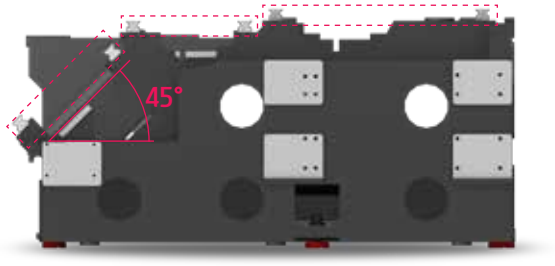
The installation of magazine on the front provides the efficient tool exchange and tool setting. Magazine with chain driving method provides 36 tools as a standard, and 72 tools as an option.



05 High Precision, High Rigidity Bed Structure

Z-axis in a 3-way structure is applied to remove any interference in conveyance between the tool station and 2nd spindle. Design in 45° slant ensures that cutting chips and cutting oil are discharged smoothly and both high strength and high precision can be maintained.

Especially, the bed is analyzed in the FEM method to minimize factors that can be generated in the machining, such as thermal deformation, vibration, etc.

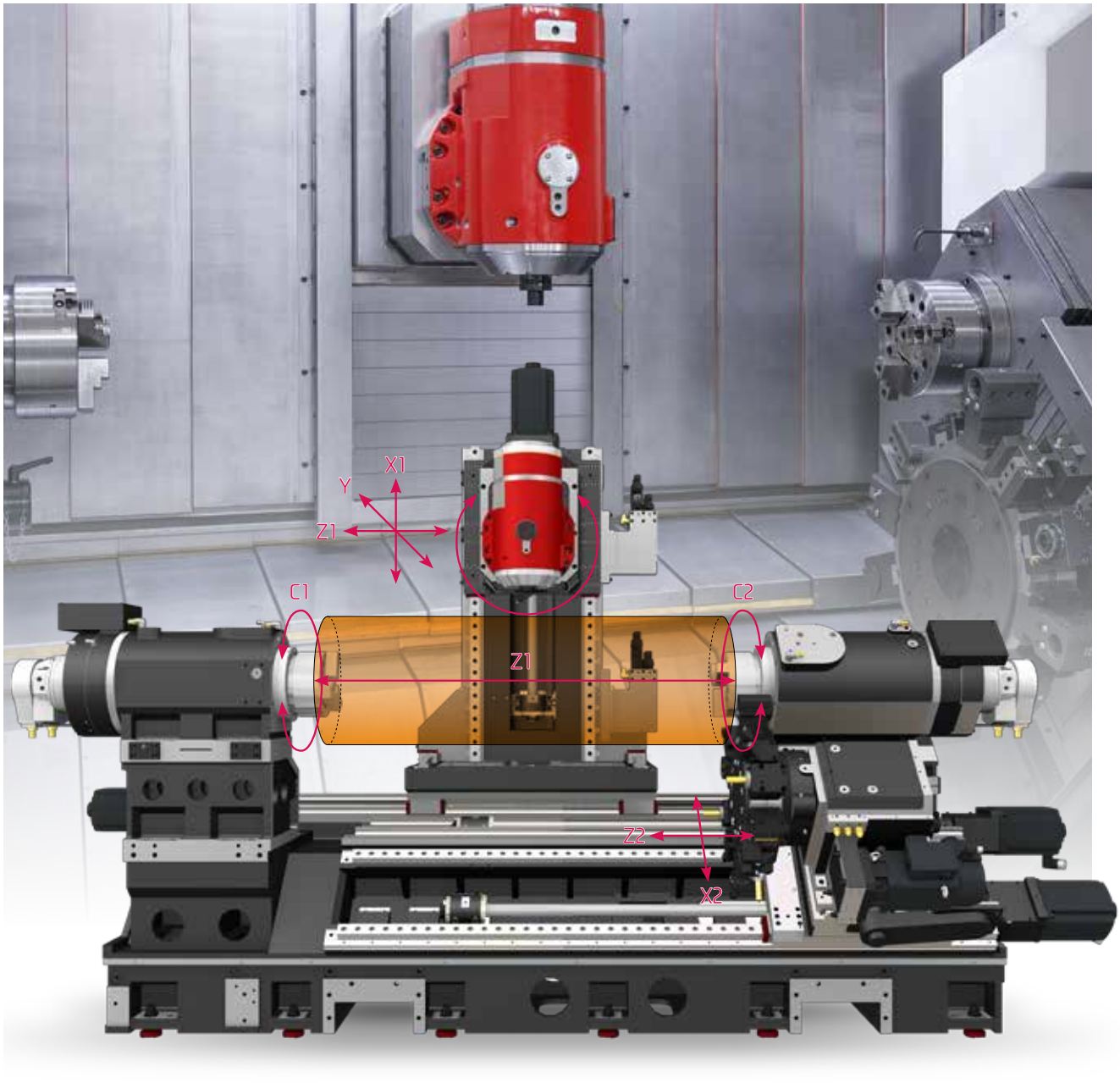


02

Slideway Features

KM2600MTTS

High-Precision & Speed Multitasking Machine

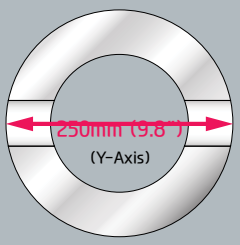


705/1,595/250/250/1,500/1,586 mm (27.8″/62.8″/9.8″/9.8″/59″/62.4″)
Travel (X1/Z1/Y/X2/Z2/ZB)

40/40/40/30/20/15 m/min (1,575/ 1,575/ 1,575/1,181/787/591 ipm)
Rapid Traverse Rate (X1/Z1/Y/X2/Z2/ZB)

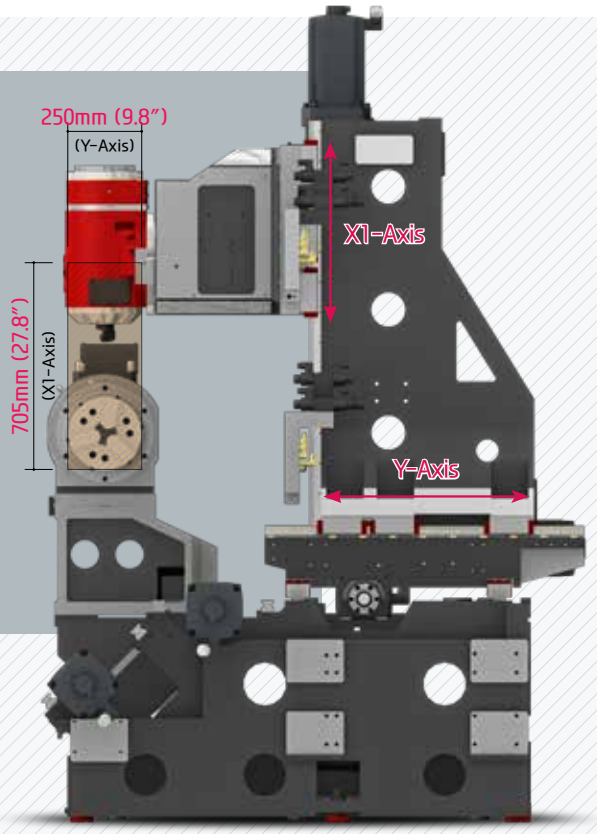
Cross Type Y-axis

The cross type Y-axis ensures the excellent positioning precision with the simple preparation and correction of program, which will give you a great help in increasing productivity.



Wide Machining Range of Y Axis

The adoption of a Y-axis with a wide cutting range of 250mm(9.8") allows Y-axis cutting in a single step without having to rotate the C-axis, and improves the cutting pitch and precision level.



High-Speed Roller LM Guideway

Linear roller guideways are applied to reduce non-cutting time and bring high rigidity.

Forced Cooling System for Ball Screw

The KM2600MTTS's Ball Screw features a forced cooling system that uses Oil Con. The system is ideal for high-precision machining due to its ability to considerably reduce the feed shaft's thermal displacement generated by repetitive movements.

In addition, the ball screw's diameter has been increased to endure the load imposed during heavy-duty cutting.

High-Precision Linear Scale OPTION

KM2600MTTS is equipped with linear scales on all axes providing high precision positioning accuracy and compensates for ball screw thermal displacement ensuring extremely precise machining.

In addition, the **absolute type linear scale** is installed in close proximity to the ball screw of each axis. During operation an added benefit is not being require to home the machine.

03

KM2600MTTS

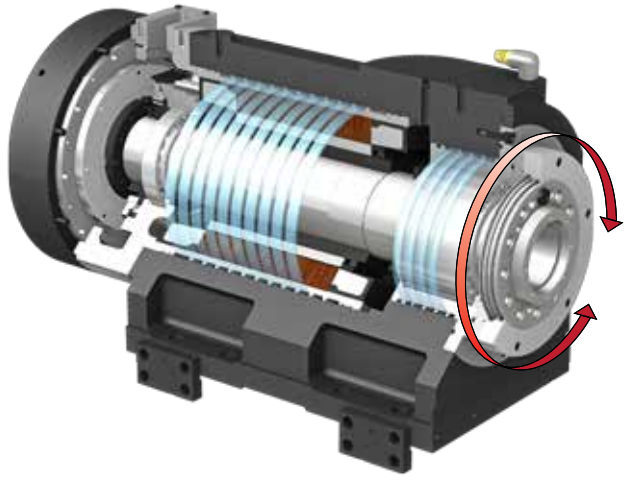
High-Precision Spindle

Long Lasting High Accuracy & Excellent Performance
Multitasking Machine

High-precision Built-in Spindle delivers impressive performance in accurate machining

Built-in type spindle reduces noise, heat and vibration effectively at high speed rates. Also, rapid acc./deceleration reduces non-cutting time leading to higher productivity.

- Bar Capacity : Ø80 (Ø3.1")
- Spindle Bore : Ø91(Ø3.6")
- C-axis Indexing : 0.0001°

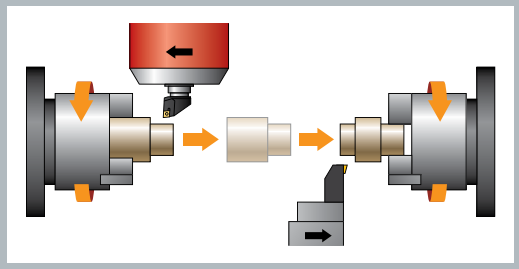


C-Axis Control

C-axis control of main and sub spindle allows machining of various products with the use of mill head on the Y-axis.

Spindle Oil Cooling

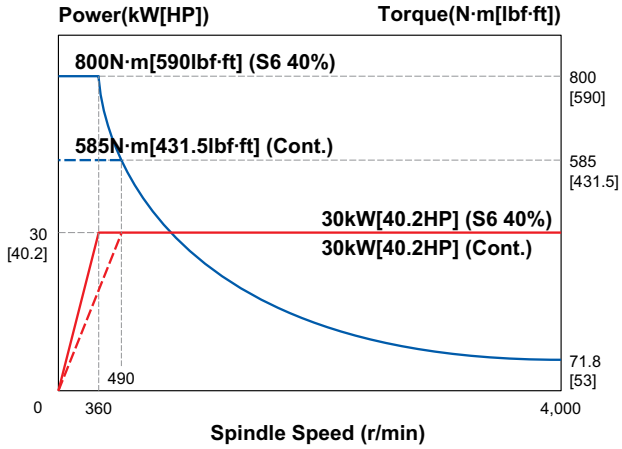
The main/sub spindles have been fitted with cooling units as a standard feature to minimize thermal displacement generated during cutting works, maintain a constant temperature, and increase cutting stability.



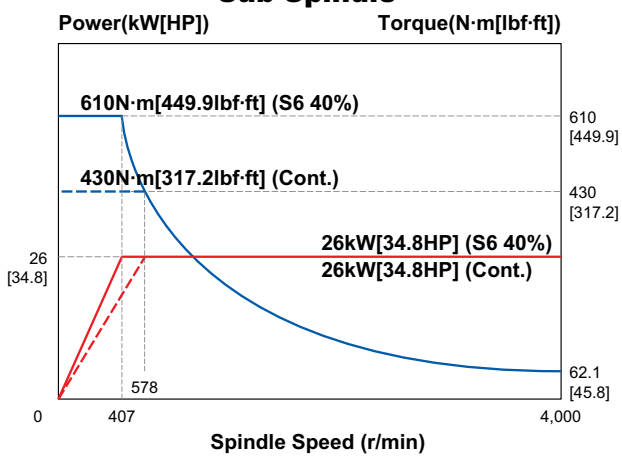
Easy Work Coordinate Setting

The 10" chuck has been adopted for the built-in sub-spindle as well as the main spindle. Synchronized rotation of the main and sub-spindles allows high-precision, continuous cutting work.

Main Spindle



Sub Spindle

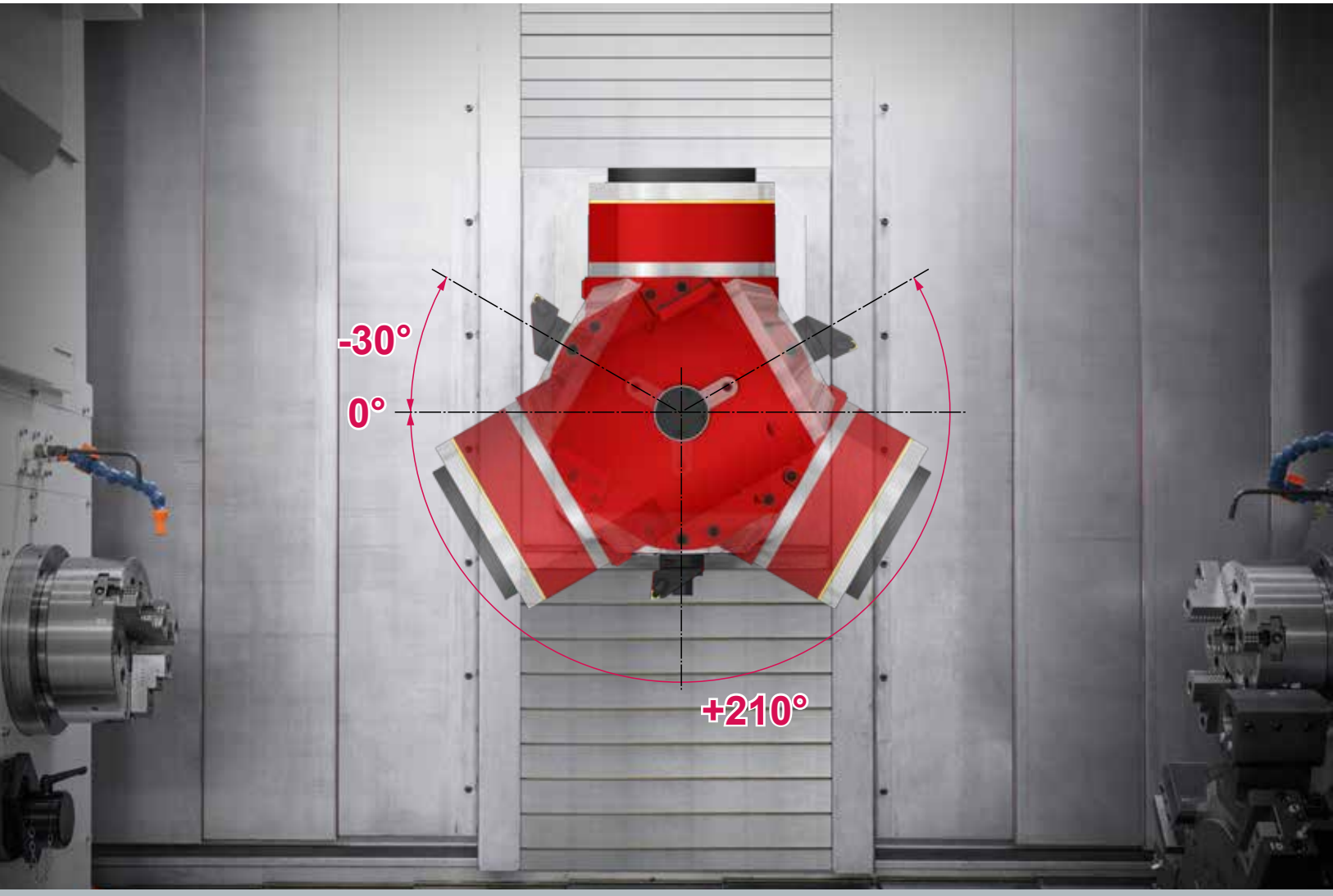


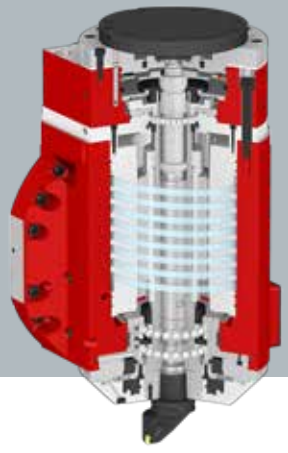
04

KM2600MTTS

Mill Head

Excellent Performance, High Accuracy Cutting Multitasking Machine





Oil Cooling

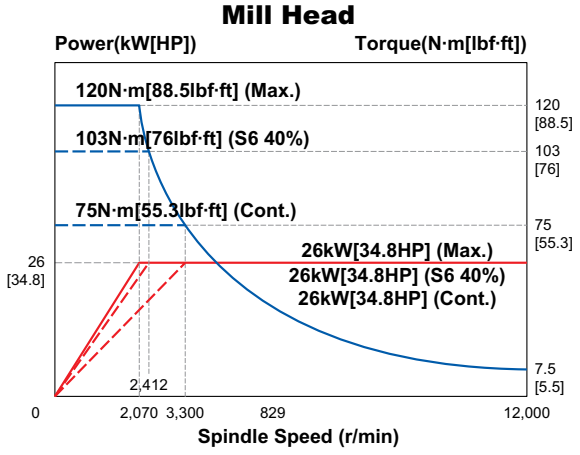
The adoption of a spindle cooling unit for the Mill Head as a standard feature minimizes thermal error generated during cutting work, maintains a constant temperature, and increases cutting stability.

- B-axis Angle : 240° (-30°~+210°)
- B-axis Indexing Angle : 0.0001°
- Driven Type : DD Motor

High-precision B Axis Mill Head for Various Cutting Works and Wider Range of Machining

The Mill Head features high-precision B-axis control capability, and is equipped with a Direct Drive Motor and a 0.0001° class high fidelity encoder to guarantee high positioning accuracy and the best cutting performance in its class.

Maximum rotation of 12,000rpm enables high-speed cutting and superb machining performance.

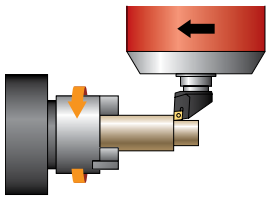


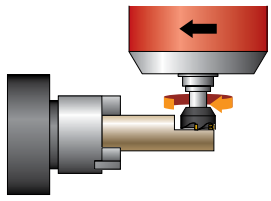
CAPTO-C6

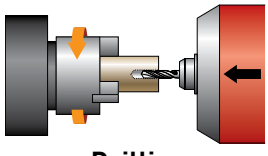
CAPTO-C6, which allows double-sided circulation, is applied as a standard for maximum cutting capability.

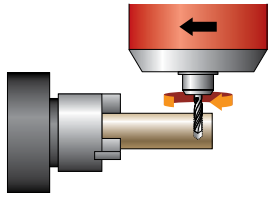
- Ideal over load analysis
- Decreased tool change time by short taper

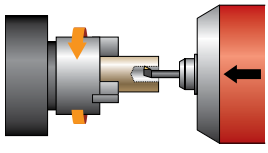
Machining Variation

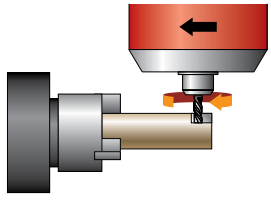

OD Cutting

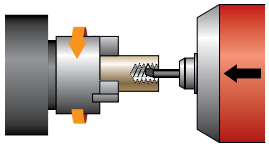

Face Milling

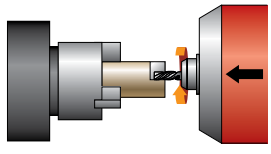

Drilling

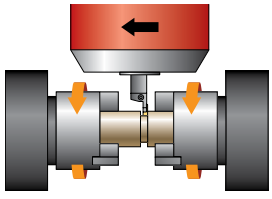

OD Drilling

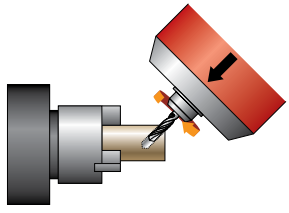

ID Cutting


Ball-End Milling


ID Threading


End Mill


Cut-Off


Angular Machining

05

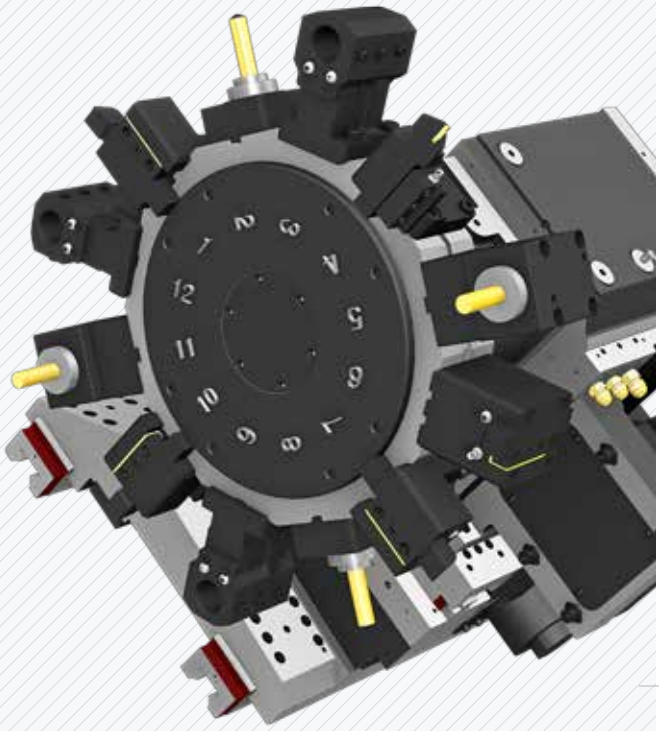
KM2600MTTS

BMT Lower Turret

High speed, High Accuracy, Highly Reliable
BMT Turret

BMT Turret

The lower turret ensures the high-speed machining of complicated shapes in precision only with the one-time setting of an object to be machined with the mill head and complex machining.

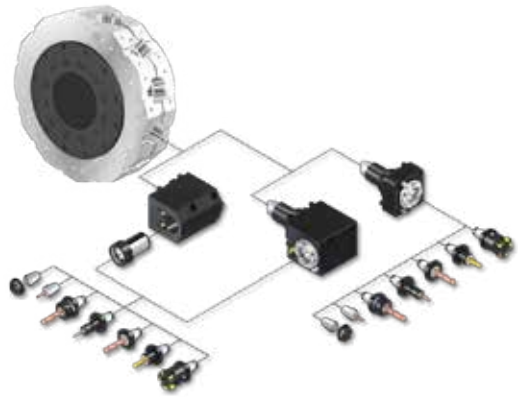


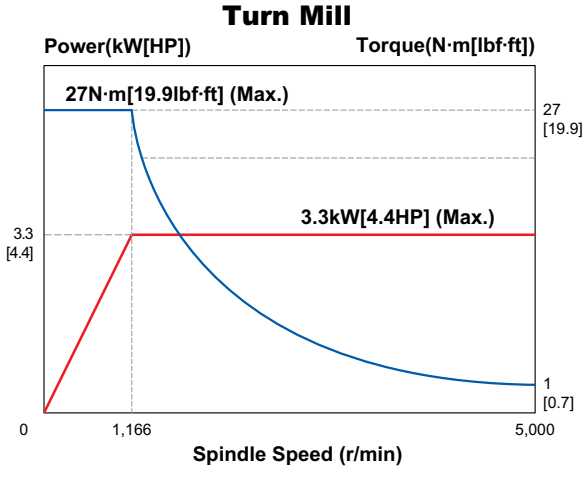
- Output(Max.) : 3.3 kW (4.4 HP)
- Speed(rpm) : 5,000 r/min
- Collet size : Ø20 (0.8") (ER32)
- Live Tool Type : BMT65P
- Indexing Time : 0.2 sec/step

Straight Milling Head	Angular Milling Head
	

Mill Tool Holder

Machining capability has increased with the addition of straight milling head tool holder, which can machine workpieces from the side, and angular milling head tool holder, which can perform I.D. operations.





06

KM2600MTTS

Special Tool Holders

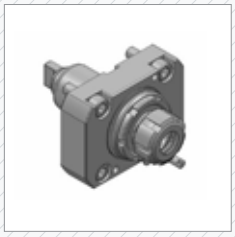
Various Driven Precision Tool holders for
Multitasking Machine

BMT Tooling System

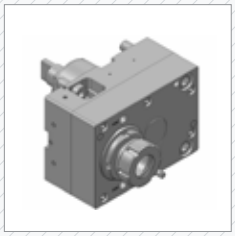
The KM2600MTTS can process high value-added products using a variety of rotating tools.

In particular, there is a multi-holder for attaching a variety of tools to one holder, and an eccentric rotary tool for handling eccentric parts without additional axis travel, which can realize integration of process with one machine.

O.D Tool Driven

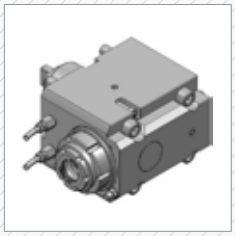


Straight Type

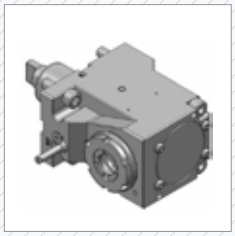


Offset Type

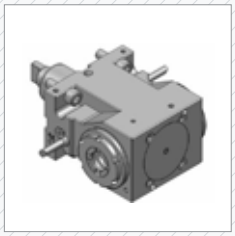
Face Tool Driven



Angular Type



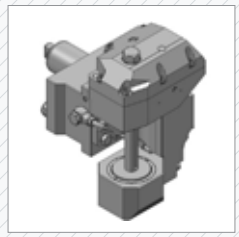
Offset Type



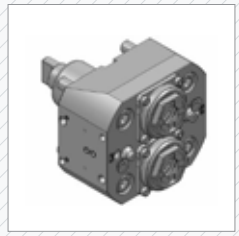
Both Sides Type

Angle Head

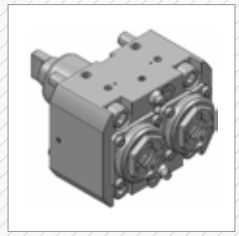
Gear Hobbing



Multiple Tool Driven



Double Type
Y axis



Both Sides Type

2-Spindle Type
Y axis

❖ Consultation needed when ordering these options.

07

KM2600MTTS

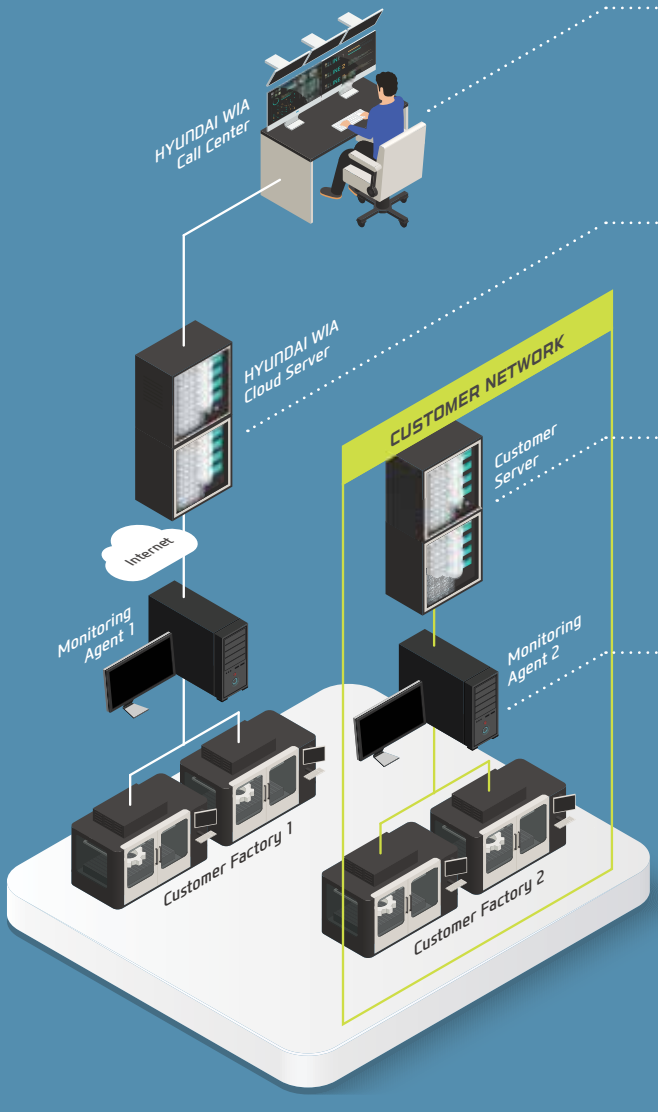
iRiS HYUNDAI WIA Smart Factory Solution

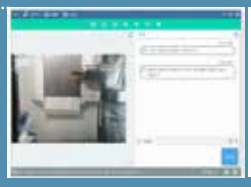
integrated Revolution of industrial Solution

iRiS is HYUNDAI WIA's Smart Factory Solution.

iRiS, HYUNDAI WIA's revolutionary smart factory solution, consists of **Smart Monitoring System** for integrated management of HYUNDAI WIA machines around the world, and the **Smart Machining System** with ease, quality control, productivity and safety of the operator in mind.

SMART MONITORING





HW-MMS Remote
(Remote service based)

Hyundai Wia Call Center's remote diagnosis service provides a HMI/video diagnostic function.

HW-MMS Cloud
(Cloud server based)

A cloud server-based equipment monitoring system for collecting and analyzing facility operation data.

HW-MMS Edge
(Customer Server Based)

A customer server-based equipment monitoring system for collecting and analyzing facility operation data.

HW-MMS Collector
(Machine data collector)

A dedicated program for collecting CNC data for MES/ERP.

A brand new manufacturing machine by Hyundai Wia, **HW-MMS** is a unique software capable of monitoring the operation status of manufacturing machines in factories, a **smart solution** to improve manufacturing conditions of customers.

SMART MACHINING

HYUNDAI WIA SMART SOFTWARE

NC built-in software that offers operation, maintenance, management monitoring and various user friendly features.

THERMAL COMPENSATION

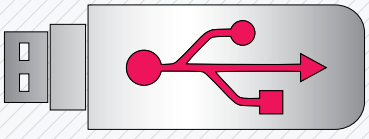
Software that measures the changes in the external environment as well as heat emission during processing to help reduce thermal displacement.

MAGAZINE MAINTENANCE

ATC MAGAZINE maintenance support screen and user convenience function

SOFT MCP

MANUAL operation of equipment function & Check function operation test in JOG MODE



USB Port

Convenience is increased when inputting and outputting program. The USB port is available in addition to the former input output methods such as CF memort card and LAN.

09

KM2600MTTS

User Convenience

Various Devices for User Convenience

Operation Panel

The ergonomic design enhances user convenience.

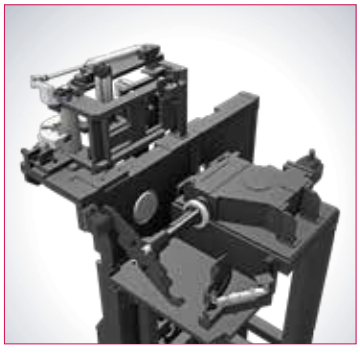
LM guide is installed at the bottom of the machine to enable smooth movement of the operation panel.

ATC & Magazine

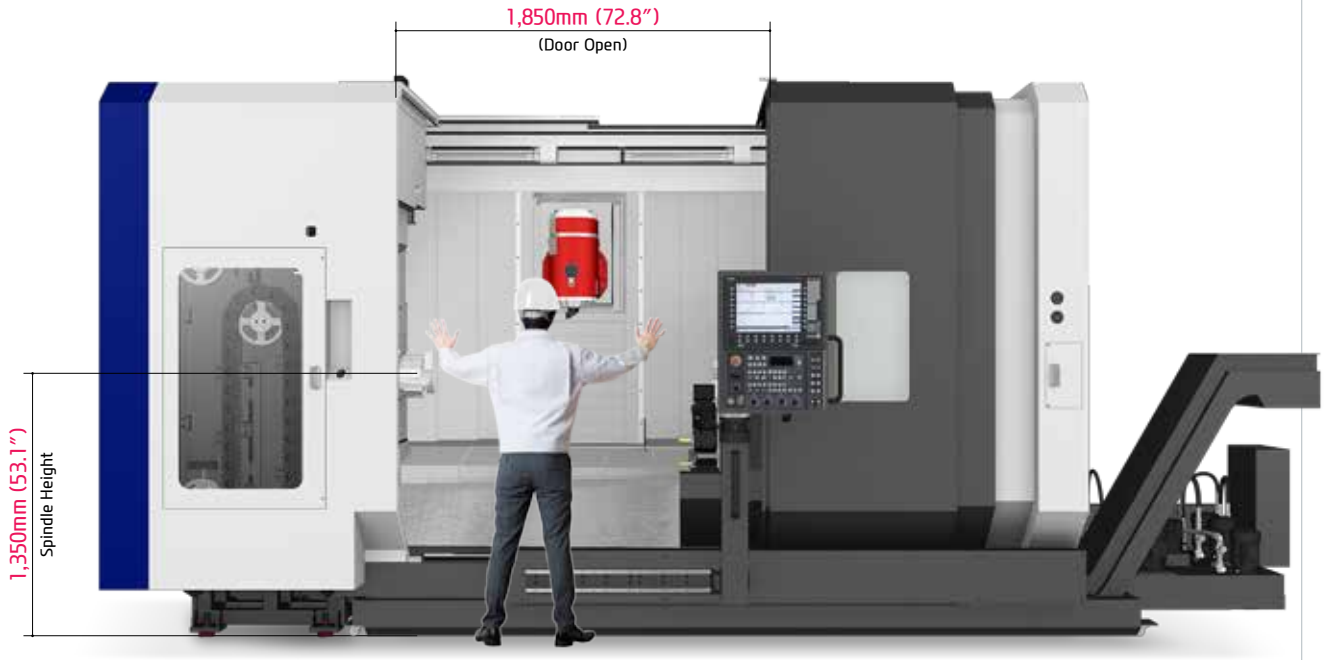
The installation of magazine on the front provides the efficient tool exchange and tool setting. Magazine with chain driving method provides 36 tools as a standard, and 72 tools as an option.

ATC driven by a servo motor increases the positioning precision and control capability due to its tool exchange method in the cam index type.

- No. of Tools : 36 [72] EA
- Max. Tool Weight : 8 kg (17.6 lb)
- Max. Tool Dia. (W.T/W.O) : Ø90/Ø125 (Ø3.5″/Ø4.9″)
- Max. Tool Length : 400 mm (15.7″)
- Tool Selection Method : Fixed Address



The KM2600MTTS offers Ergonomic Design for Easy Operability and Maintenance.



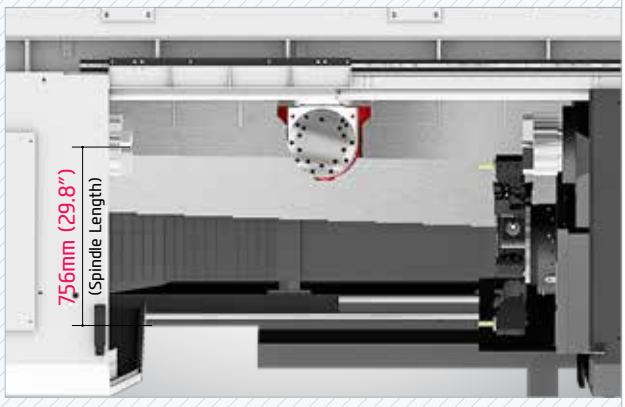
Improved Access with Larger Front Door

The adoption of a larger front door makes crane access for cutting preparation works, such as setting up workpieces, much easier.

Highly Accessible Spindle

The spindle's ergonomic design improves access for the chuck and makes it easier to set up workpieces.

The height from the floor to the center of the spindle has been carefully considered in order to improve the operator's convenience when setting up work pieces.



SPECIFICATIONS

Standard & Optional

● : Standard ○ : Option ☆ : Prior Consultation

Spindle		KM2600MTTS
Main Spindle Hollow Chuck 3 Jaw	10"	●
Main Spindle Solid Chuck 3 Jaw	10"	○
Sub Spindle Hollow Chuck 3 Jaw	10"	●
Sub Spindle Solid Chuck 3 Jaw	10"	○
Standard Soft Jaw (1set)		●
Chuck Clamp Foot Switch		●
2 Steps Hyd. Pressure Device		☆
Spindle Inside Stopper		○
Chuck Open/Close Confirmation Device		●
Chuck Pressure Check Switch		●
Cs-Axis (0.001°)		●
Mill Head		
Tool Shank Type	CAPTO C6	●
ATC & Magazine		
ATC Extension	36 Tool	●
	72 Tool	○
Turret		
Tool Holder	12EA	●
	24EA	○
Mill Turret	BMT	●
Straight Milling Head (Radial)	Adapter Type,2ea	●
Angular Milling Head (Axial)	Adapter Type,2ea	●
Boring Sleeve		●
Drill Socket		●
U-Drill Holder		○
U-Drill Holder Sleeve		○
Angle Head		☆
Tail Stock & Steady Rest		
Lower Tool Mount Steady Rest (SLU2)		○
Coolant & Air Blow		
Standard Coolant (Nozzle)		●
Chuck Coolant (Upper Chuck)		☆
Gun Coolant		●
Shower Coolant		●
Through Spindle Coolant (Only for Special Chuck)		☆
Thru Coolant for Live Tool		☆
Chuck Air Blow (Upper Chuck)		●
Sub Spindle Air Blow		●
Turret Air Blow		☆
Air Gun		○
Through Spindle Air Blow (Only for Special Chuck)		☆
Element-Turbulance Filter	2.0Mpa	○
Element-Turbulance Filter	7.0Mpa	○
Power Coolant System (For Automation)		☆
Coolant Chiller		☆
Chip Disposal		
Coolant Tank	600 ℓ (158.5 gal) Side	●
Chip Conveyor (Hinge/Scraper)	Front (Right)	○
Special Chip Conveyor (Drum Filter)		☆
Chip Wagon	Standard (180 ℓ [47.5 gal])	○
	Swing (200 ℓ [52.8 gal])	○
	Large Swing (290 ℓ [76.6 gal])	○
	Large Size (330 ℓ [87.2 gal])	○
	Customized	☆

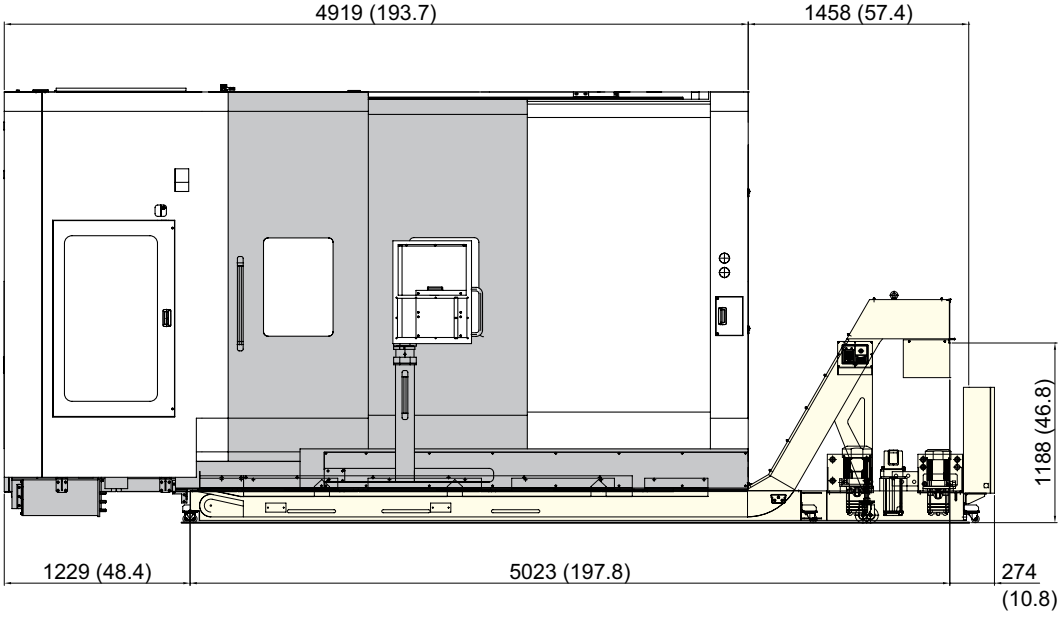
Safety Device		KM2600MTTS
Total Splash Guard		●
Chuck hydraulic pressure maintenance interlock		●
Electric Device		
Call Light	1Color : ■	○
Call Light	2Color : ■ ■	○
Call Light	3Color : ■ ■ ■	●
Call Light & Buzzer	3Color : ■ ■ ■ B	○
Electric Cabinet Light		○
Remote MPG		●
Work Counter	Digital	○
Total Counter	Digital	○
Tool Counter	Digital	○
Multi Tool Counter	Digital	○
Electric Circuit Breaker		○
AVR (Auto Voltage Regulator)		☆
Transformer	60kVA	○
Auto Power Off		○
Measurement		
Q-Setter	Removable	●
Work Close Confirmation Device	TACO	○
(Only for Special Chuck)	SMC	○
Tool Length Measuring Device	Touch(Mill Head)	○
Automatic Workpiece Measuring Device	RMP60	○
HWTM (Tool Monitoring System)		○
Linear Scale	X Axis	○
	Z Axis	○
	Y Axis	○
Coolant Level Sensor (Only for Chip Conveyor)		☆
Environment		
Air Conditioner		●
Oil Mist Collector		☆
Oil Skimmer (Only for Chip Conveyor)		○
MQL (Minimal Quantity Lubrication)		☆
Fixture & Automation		
Auto Door		●
Auto Shutter (Only for Automatic System)		☆
Sub Operation Pannel		☆
Extra M-Code 4ea		○
Automation Interface		☆
I/O Extension (IN & OUT)	16 Contact	○
Hyd. Device		
Standard Hyd. Cylinder	Hollow	●
Standard Hyd. Unit	45bar (652.7psi) / 20 ℓ (5.3 gal)	●
S/W		
Hyundai WIA Smart Software		●
Thermal Compensation		●
DNC software (HW-eDNC)		○
Machine Monitoring System (HW-MMS)		○
ETC		
Tool Box		●
Customized Color	Need Munsel No.	☆
CAD & CAM Software		☆

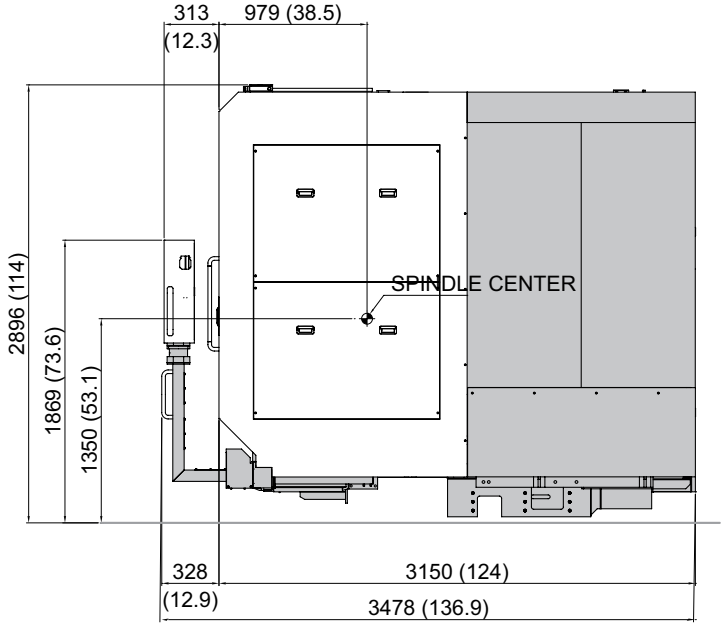
Specifications are subject to change without notice for improvement.

SPECIFICATIONS

External Dimensions

unit : mm(in)

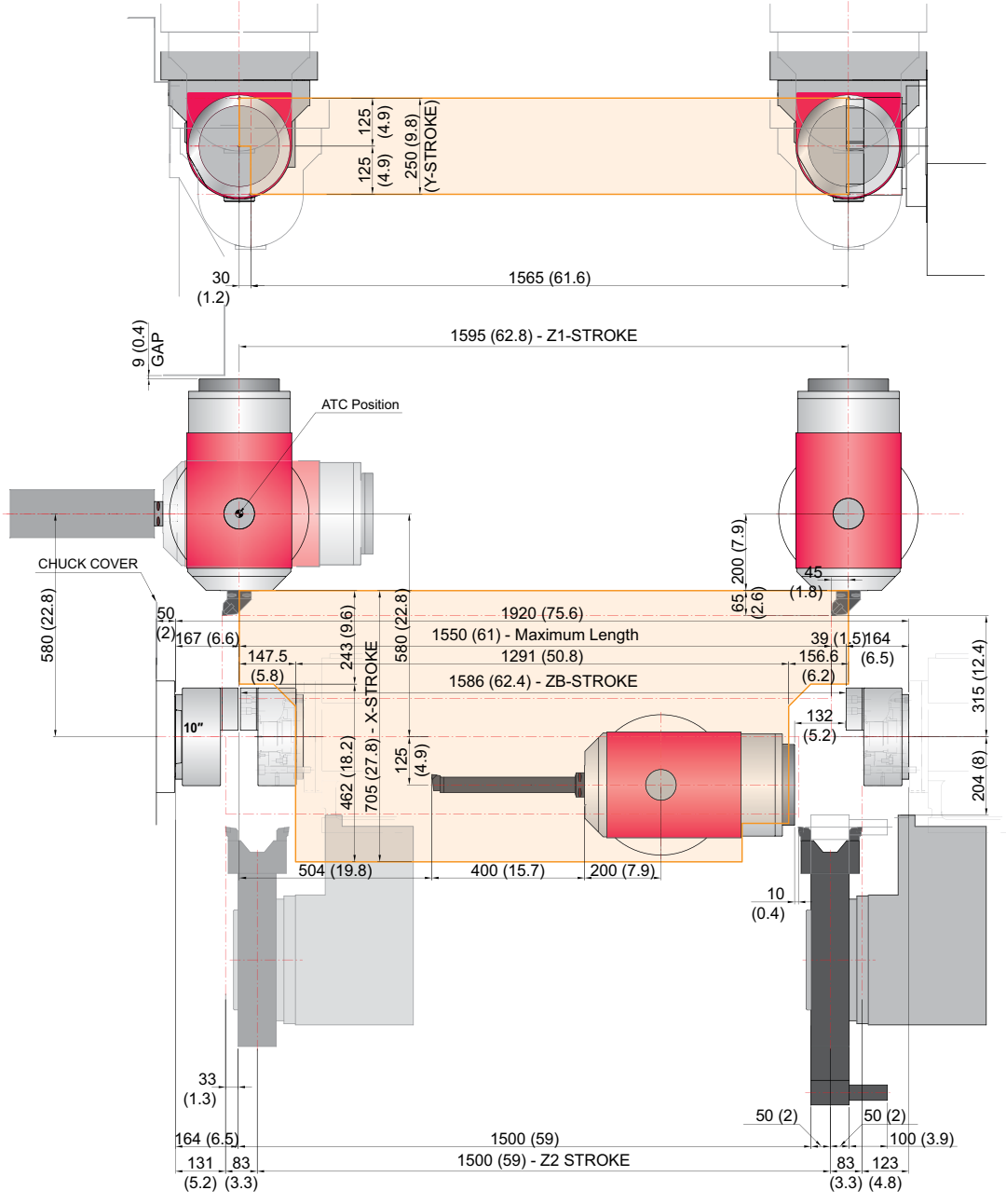




SPECIFICATIONS

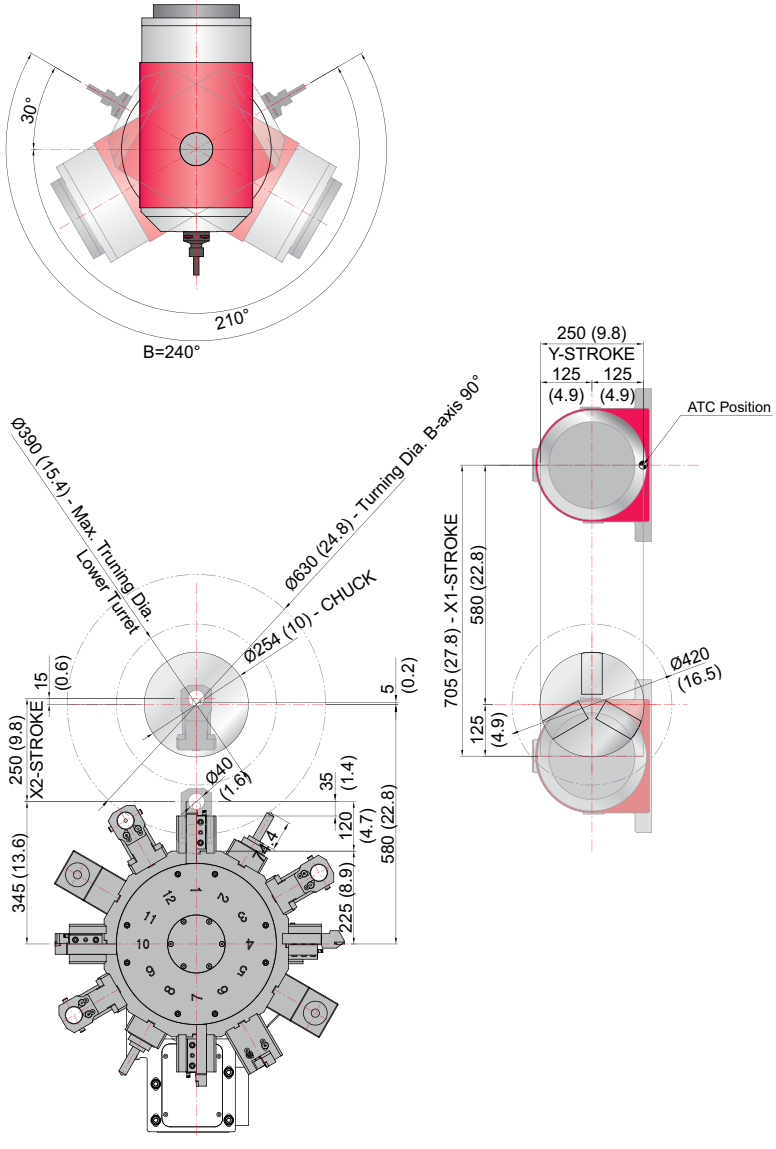
Interference

unit : mm(in)



Interference

unit : mm(in)

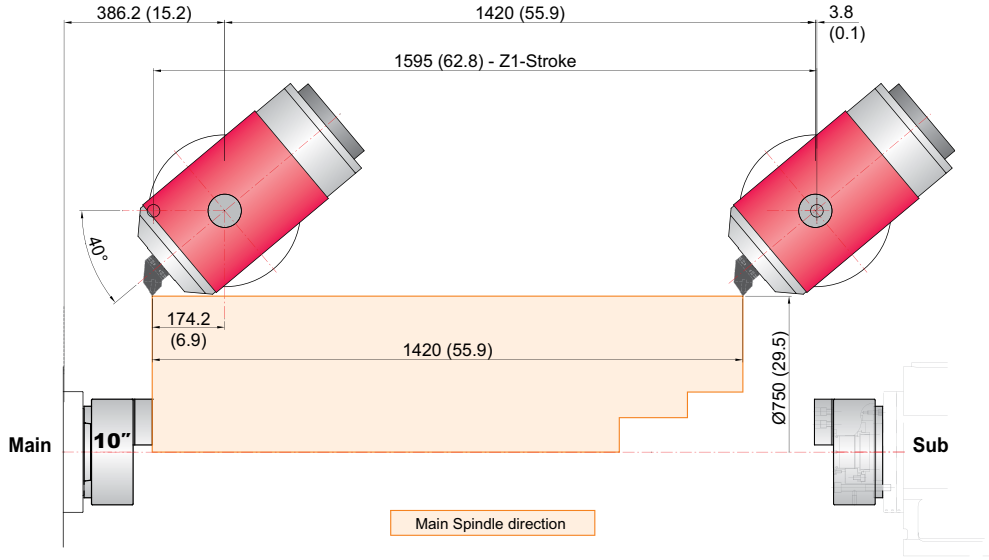


SPECIFICATIONS

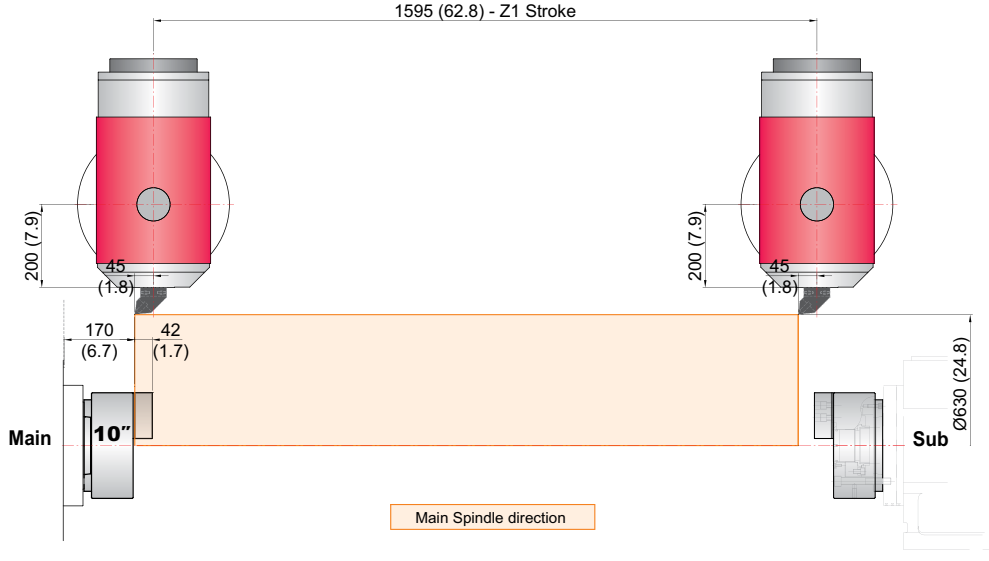
Tooling Travel Range

unit : mm(in)

Mill Head 40°



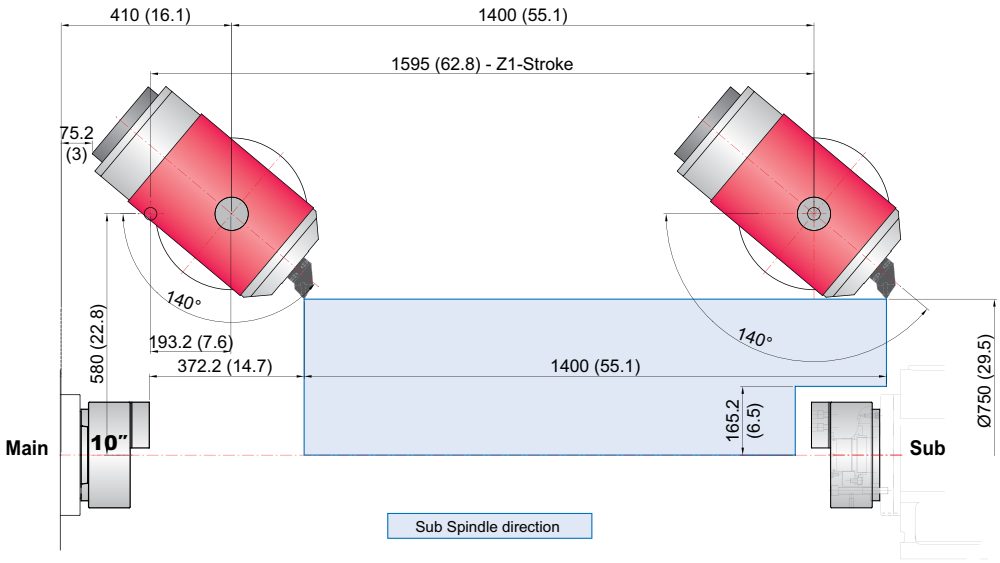
Mill Head 90°



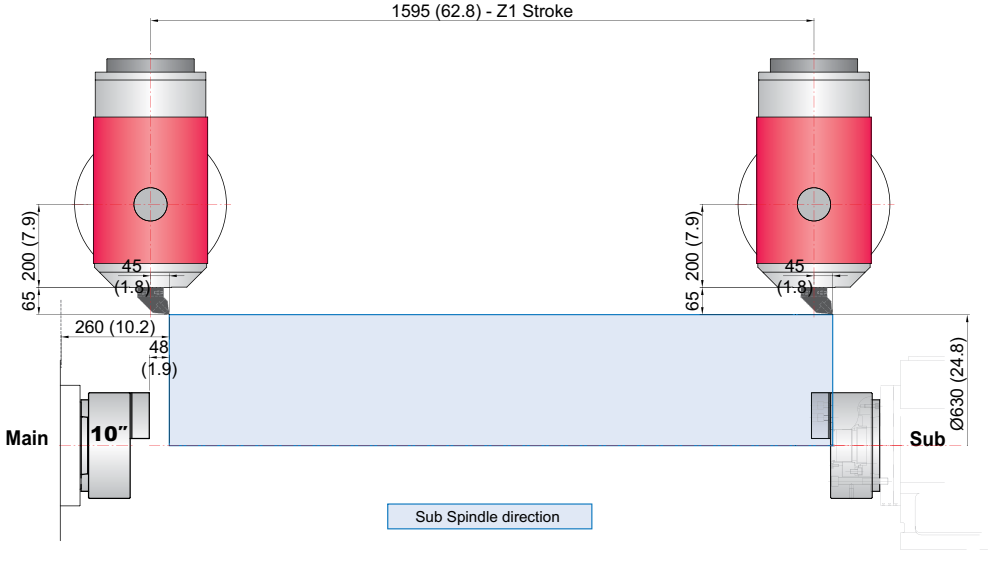
Tooling Travel Range

unit : mm(in)

Mill Head 140°



Mill Head 90°

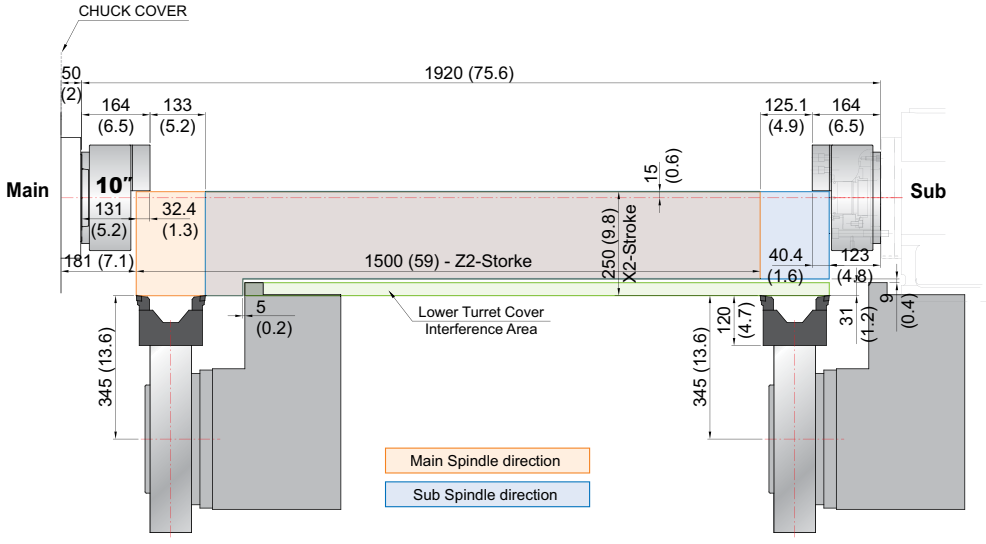


SPECIFICATIONS

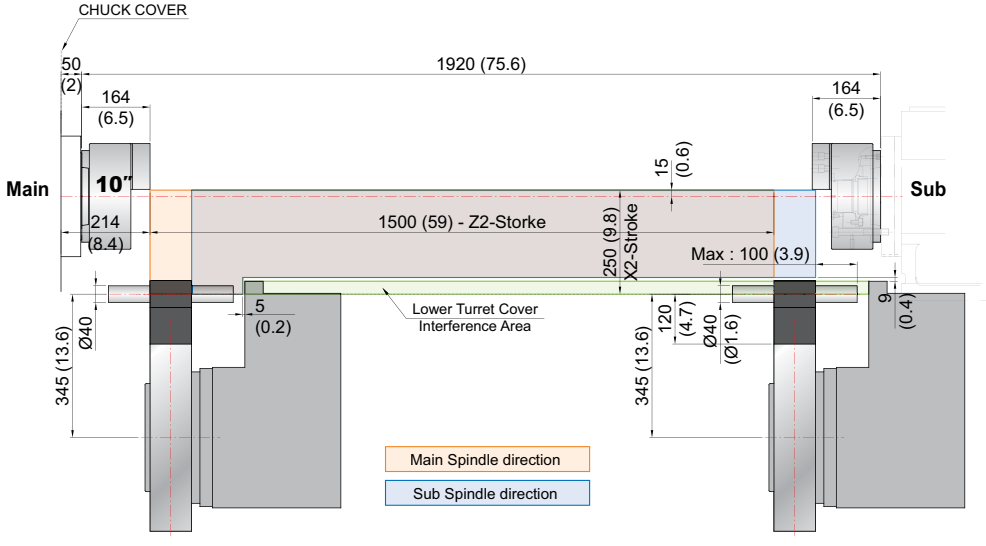
Tooling Travel Range

unit : mm(in)

O.D Holder



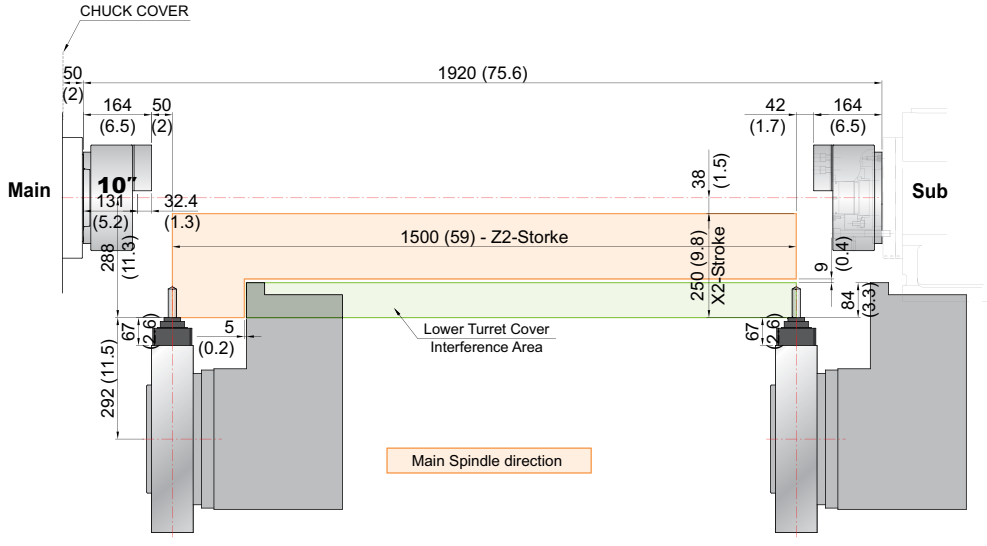
I.D Holder



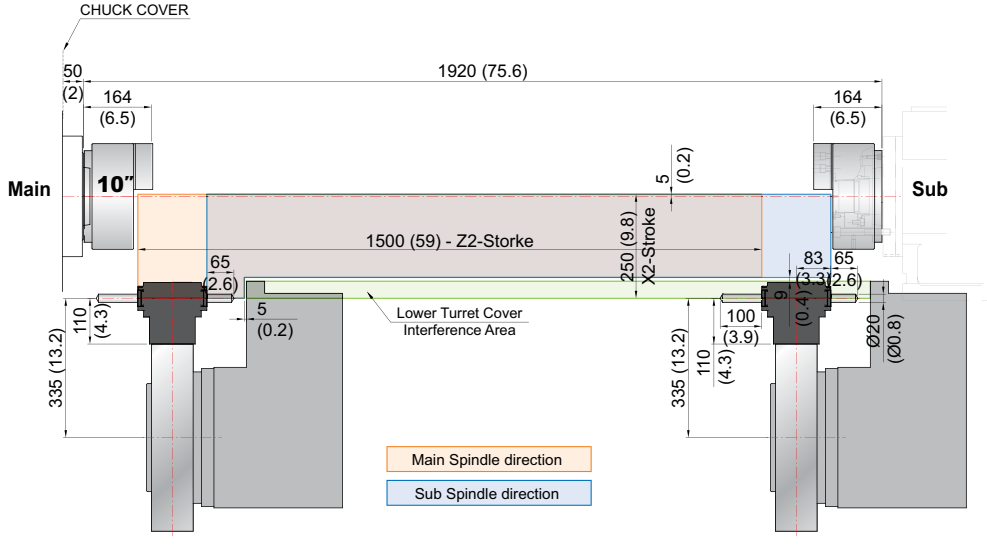
Tooling Travel Range

unit : mm(in)

Straight Mill holder



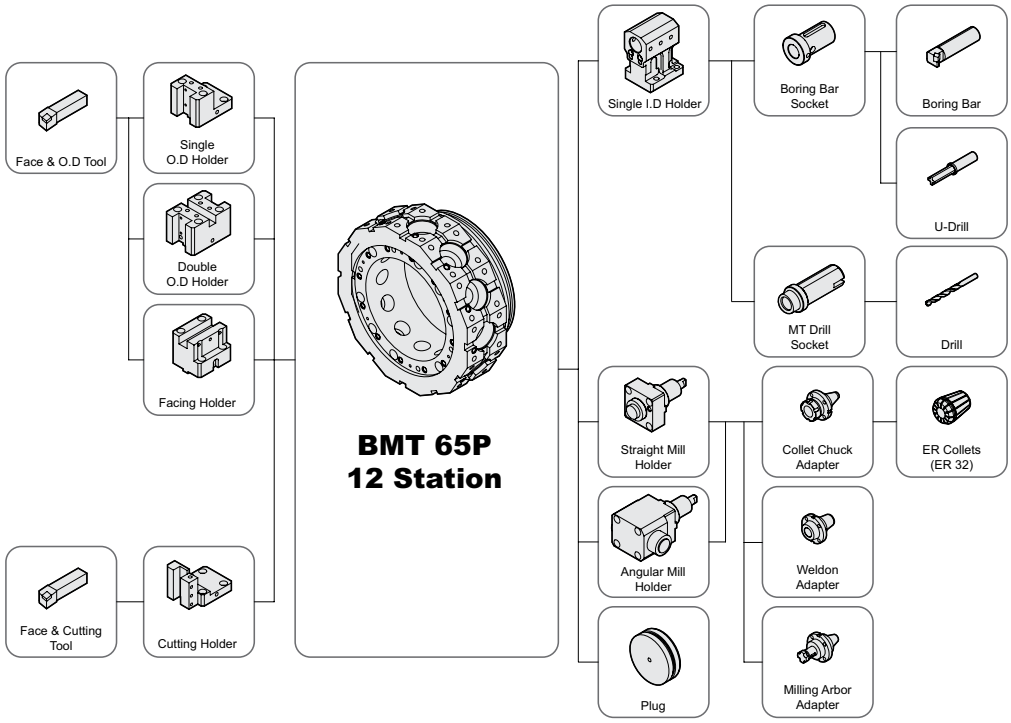
Angular Mill holder



SPECIFICATIONS

Tooling System

unit : mm(in)



Tooling Parts Detail

ITEM			KM2600MTTS	
			mm Unit	inch Unit
Turning Holder	O.D Holder	Right/Left	2	2
		Double	1	1
	Facing Holder		1	1
	Cutting Holder		1	1
Boring Holder	I.D Holder	Single	3	3
Driven Holder	Straight Mill Holder	Standard	2	2
		TTC (Tool Through Coolant)	Opt.	Opt.
	Angular Mill Holder	Standard	2	2
		TTC (Tool Through Coolant)	Opt.	Opt.
Socket	Boring	Ø10 (Ø3/8")	1	1
		Ø12 (Ø1/2")	1	1
		Ø16 (Ø5/8")	1	1
		Ø20 (Ø3/4")	1	1
		Ø25 (Ø1")	1	1
		Ø32 (1 1/4")	1	1
	Drill	MT 1	1	1
		MT 2	-	-
		MT 3	-	-
	ER Collet		1 Set	1 Set
	Adapter Set		1 Set	1 Set

SPECIFICATIONS

Specifications

[ ] : Option

ITEM			KM2600MTTS
CAPACITY	Max. Turning Dia. (Mill/Turret)	mm(in)	Ø750(Ø29.5″) : B axis 140°, Ø630(Ø24.8″) : B axis 90° / 390 (15.4″)
	Max. Turing Length	mm(in)	1,550 (61″)
	Bar Capacity	mm(in)	Main : Ø80 (Ø3.1″) Sub : Ø80 (Ø3.1″)
SPINDLE	Chuck Size	inch	Main : 10″ Sub : 10″
	Spindle Speed	r/min	Main : 4,000 Sub : 4,000
	Spindle Power (Max./Cont.)	kW(HP)	Main : 30 (40.2) Sub : 26 (34.8)
	Spindle Torque (Max./Cont.)	N·m(lbf·ft)	Main : 800/585 (590/431.5) Sub : 610/430 (449.9/317.2)
	Spindle Bore	mm(in)	Main : Ø91 (Ø3.6″) Sub : Ø91 (Ø3.6″)
	Spindle Driving Methode	-	BUILT-IN MOTOR
	Spindle Nose	-	Main : A2-8 Sub : A2-8
	C axis indexing Angle	deg	Main : 0.0001° Sub : 0.0001°
FEED	Travel (X1/Z1/Y/X2/Z2/ZB)	mm(in)	705/1,595/250(±125)/250/1,500/1,586 (27.8″/62.8″/9.8″(±4.9″)/9.8″/59″/62.4″)
	Travel (B)	deg	240 (-30° ~ +210°)
	Rapid Traverse Rate (X1/Z1/Y/X2/Z2/ZB)	m/min	40/40/40/30/20/15 (1,575/ 1,575/ 1,575/1,181/787/591)
	Slide Type	-	LM GUIDE
	Y Axis Structure	-	Orthogonal Type
MILL HEAD	Speed	r/min	12,000
	Power (Max./Cont.)	kW(HP)	26 (34.8)
	Torque (Max./Cont.)	N·m(lbf·ft)	120/75 (88.5/55.3)
	Driven Type	-	BUILT-IN MOTOR
	B Axis Indexing Angle	deg	0.0001°
TURRET	No. of Tools	EA	12
	Tool Size (O.D/I.D)	-	□ 25/Ø40 (□ 1″/Ø1.6″)
	Indexing Time	sec/step	0.2
LIVE TOOL	Milling Tool Speed (rpm)	r/min	5,000
	Max. Power	kW(HP)	3.3 (4.4)
	Max. Torque	N·m(lbf·ft)	27 (19.9)
	Type	-	BMT65P
ATC	No. of Tools	EA	36 [72]
	Tool Shank Type	-	CAPTO C6
	Max. Tool Dia. (W.T/W.O)	mm(in)	Ø90/Ø125 (Ø3.5″/Ø4.9″)
	Max. Tool Length	mm(in)	400 (15.7″)
	Max. Tool Weight	kg(lb)	8 (17.6)
	Tool Selection Method	-	FIXED ADDRESS
TANK CAPACITY	Coolant Tank	ℓ (gal)	600 (158.5)
	Lubricating Tank (Axis/Mill Head)	ℓ (gal)	3/1.8 (0.8/0.5)
POWER SUPPLY	Electric Power Supply	kVA	78
	Thickness of Power Cable	Sq	35
	Voltage	V/Hz	380/400/440 (50/60Hz)
MACHINE	Floor Space(L×W)	mm(in)	4,919×3,478 (193.5″x136.9″)
	Height	mm(in)	2,896 (114″)
	Weight	kg(lb)	19,500 (42,990)
CNC	Controller	-	SIEMENS 840D

Specifications are subject to change without notice for improvement.

CONTROLLER

SIEMENS 840D sl

Control Function	
Max. configuration of axis	Max. 9 axes (Max. 31 Axes)
Max. configuration of axis and sp.	Max. 5 axes (Max. 31 Axes)
Least Command/input	0.001mm / 0.0001inch
Feed Function	
Feedrate Override	0 – 120%
Rapid Traverse Override	F1, 25, 50, 100%
Tool Function	
Tool Radius Comp.	
Zero Offset (G54, G55, G56, G57 ,G58, G59)	6EA (MAX:100EA)
Programmable Zero Offset	
3D Tool Radius Compensation	
Display	
Language	Chinese Simplified, English, French
	German, Italian, Spanish
CRT/MDI	TFT 15˝ Color
Screen saver	
Spindle Function	
Spindle Override	50% – 120%
Spindle Orientation	
Spindle Speed Limitation	
Rigid Tapping	
Manual Operation	
Manual Handle/Jog Feed	
Reposition	
Reference Approach	Ref 1, 2 Approach
Spindle Control	Start, Stop, Rev, Jog, Ort.
Auto Operation	
Single Block	
Feed Hold	
Optional Block Skip	
Machine Lock	
Dry Run	
Simulation	
Diagnosis Function	
Alarm Display	
Monitor	
Programming Function	
Part Program Storage Length	10MB(7500M)
	**Additional CF card (512MB) possible
Program Name	23 digits
Subroutine Call	16Level
Absolute/incremental Command	G90 – G91

Programming Input & Interpolation Function	
Scaling / Rotation	
Inch / Metric Conversion	
Conversational Cycle Program	Shop Turn/Shop Mill
Block Search	
Macro	
Read/Write System Variable	
BackGround Editing	
Miscellaneous Functions	M – Code
Skip	
Program Stop	M00, M01, M02, M30
Lookahead, Jerk Limitation Feed & Forward Control	
Helical interpolation	
COMPCAD, COMPCURB	
Cylinderical interpolation	
Work Coordiante interpolation	
Conversational Program	
Fanuc Program exe.	G291
Machining Package Milling	
Temperature Compensation	
Protection Function	
Emergency Stop	
Soft Limit / Over Travel	Soft Limit
Contour Monitoring	
Program Protection	
Automation Support Fun.	
Actual Speed Display	
Tool Life Management	Time, Parts
Work Count	Internal
DATA Transfer	
RS 232C I/F / Ethernet	
USB Memory Stick	

Option	
Display	TFT 19" Color
Data transfer	PCU50 With Harddisk (6GB)
EG Machining (Hobbing)	
Balance Cutting	
Extention Language	Chinese Traditional, Czech, Danish,
	Dutch, Finnish, Hungarian, Japanese,
	Korean, Polish, Russian, Swedish,
	Portuguese, Turkish

Figures in inch are converted from metric values.
The SIEMENS controller specifications are subject to change based on the policy of company CNC supplying.

GLOBAL NETWORK

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HYUNDAI WIA

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