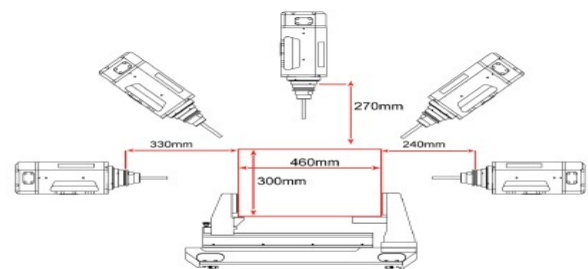
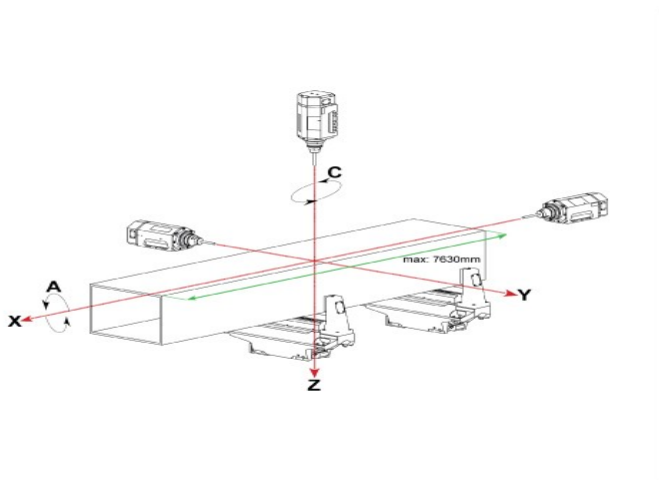
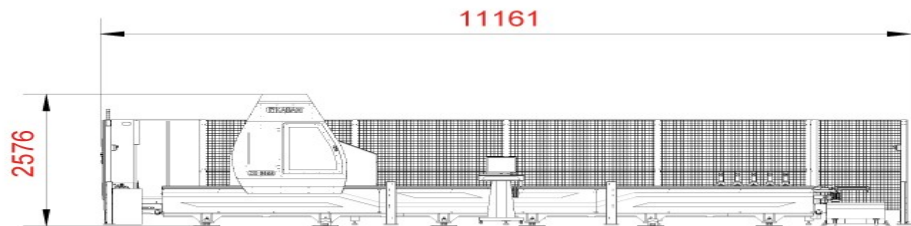
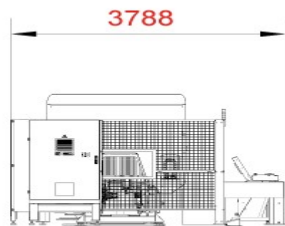


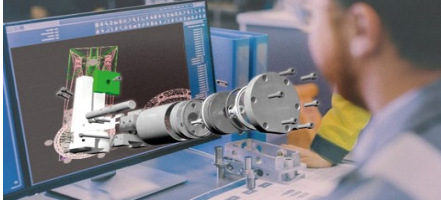
# ZC 3052 5 Axis CNC Machining Center



- Robust mechanical structure suitable for high speed
- Axis velocities whose average exceed 100 m/min
- Profiling length 7630 mm
- Double station profiling length 3615 mm x 2
- Machinable profile section size 450 x 300 mm
- Number of clamps is 10
- Spindle motor 11-13.5 kW 24,000 rpm
- The number of magazine sets is 12 pieces
- Ø 400 mm saw
- Mitsubishi CNC control unit
- Automatic tool length measuring
- Automatic positioning vices
- Automatic tool recovery in case of power failure



# ZC 3052 5 Axis CNC Machining Center



## Design

- Mechanical structure that can process aluminum and steel profiles at high speed and high quality
- Stress relieved cast and welded parts to ensure consistent high speed accuracy
- Axis velocities whose average exceed 100 m/min
- Milling, notching, drilling, threading, countersinking, cutting, etc. ability
- Machining length in single station operation 7630 mm
- Machining length in double station operation 3615 mm x 2
- Machinable profile section size 450 x 300 mm
- Coolant spray system

## Control Panel

- Versatile adjustable, ergonomic kiosk
- 19" screen
- User-friendly Kaban interface with Windows-based, easily adjustable parametric structure
- Compatibility with .NCX extension software
- High performance 4+1 axis Mitsubishi CNC control unit
- Optical communication and 0.001 mm command increment
- Communication via Ethernet
- Working with G-Code
- Data transfer via USB and COM Port

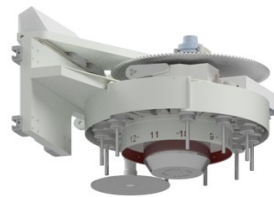


## Spindle

- 11-13.5 kW / 24,000 rpm
- HSK F63 tool holder
- Encoder
- Temperature control
- Liquid cooling
- Tool cooling

## Magazine

- 12 tool holder capacity
- Tool change in up to 8 seconds
- Ø 200 mm saw can be attached

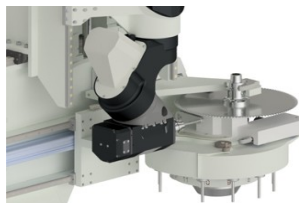


## Saw Magazine

- Ø 400 mm saw
- Special magazine of the saw

## Automatic Tool Length Measuring

- Tool length measurement with 0.01 mm precision



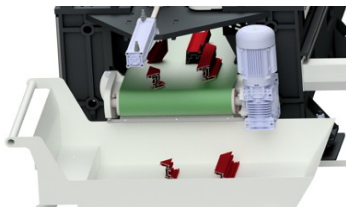


### Profile Supports

- Automatic profile support system on both sides
- Suitable for working with long profiles

### Vices

- Narrow, designed clamps protected against external factors
- 10 standard clamps
- Servo controlled precise automatic positioning
- Profile sliding comfort on the clamp surface with the roller system
- Three different clamping forces according to the profile thanks to the pressure regulator



### Chip Conveyor

- Chip conveyor for waste parts

### Security

- Ability to continue from where it left off in case of power failure with the UPS system
- Auto-recovery function that sends the spindle to the safe zone
- Operational safety with protective fences and safety barriers
- Security labels



### Technical support

- Periodic maintenance reminder function
- Service support with remote connection

## ZC 3052 5 Axis CNC Machining Center

C Axis	Motor Power	Motor power	3,5	kW
	Axis Speed	Axis Speed	140	m/min
	Machining Length	Machining Length	7630	mm
	Motor Power	Motor power	1,5	kW
	Axis Speed	Axis Speed	80	m/min
	Machining Length	Machining Length	460	mm
	Motor Power	Motor power	1,5	kW
	Axis Speed	Axis Speed	40	mm
	Machining Length	Machining Length	300	mm
	Motor Power	Motor power	0,5	kW
	Axis Speed	Axis Speed	255	°/sec
	Angle	Angle	±90	°
	Motor Power	Motor power	0,5	kW
	Axis Speed	Axis Speed	255	°/sec
	Angle	Angle	±180	°
Spindle	Motor Power	Motor power	11,5-13	kW
	Max Rotation Speed	Rotation Speed	24000	cycle/min
Saw	Number of Tools	Number of Teams	12	Piece
	Saw Maximum Diameter	Diameter	200	mm
	Diameter	Diameter	400	mm
Clamp	Axis Speed	Axis Speed	15	m/min
	Number of Clamps	Number of Vices	10	Piece
Technical Specifications	Pressure	Pressure	6-8	Bar
	Total Air Consumption	Total Air Consumption	256	l/min
	Voltage	Voltage	400	V
	Power	Strength	21	kW
	Feed	Flow	42	A
	Weight	Net	10435	kg
	Weight	Gross	10600	kg
	Sound	Level	96	dB
	Machine Dimensions	Length	11161	mm
	Machine Dimensions	Width	3788	mm
	Machine Dimensions	Height	2576	mm

## ZC 3052 5 Axis CNC Machining Center



### Barcode Printer

- Label printer for workflow tracking

### Handwheel

- Manually moving the axes



### Angle Tool Holder

- Angled tool holder that can machine the bottom surface of the part

### Electronic Probe

- Dimension control of machined or to be machined parts

