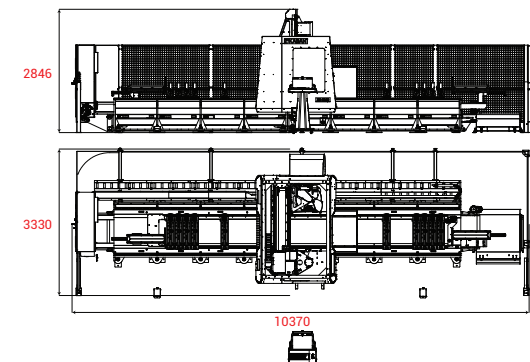
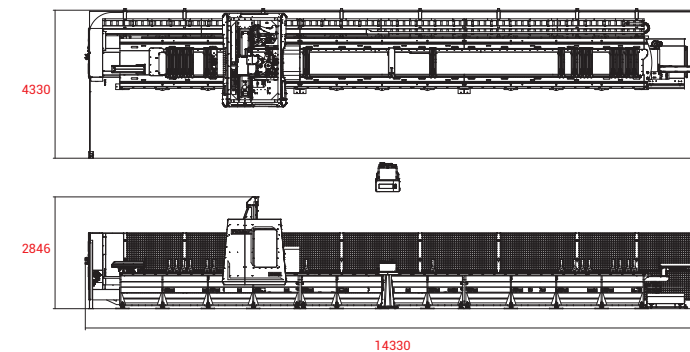


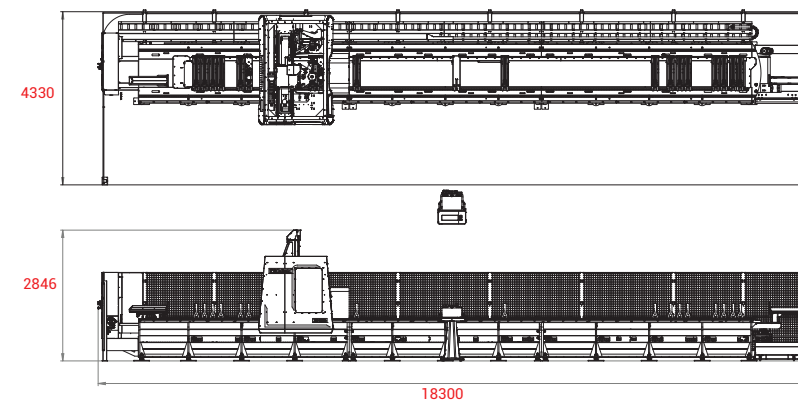
Mod.2



Mod.3



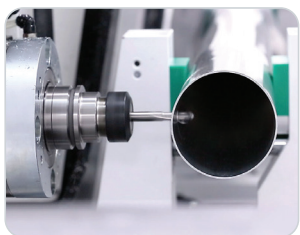
Mod.4



General Features

- Safe and continuous (pendular) working.
- Automatic recovery of working shaft from profile by means of a program in case of power outage.
- Protection of machine computer and restarting the interrupted program thanks to UPS.
- The absence of any material that could be damaged in the areas where sawdusts and wastes fall provides a long life.
- Standard model has sawdust conveyor, 10 clamps and tool chuck with 16 tool holding capacity. Number of clamps can be increased optionally.
- Long-life moving parts with automatic lubrication system.
- Robust Mechanical Design suitable for high speed and acceleration.
- Machine management ensuring high performance.
- Mitsubishi CNC M720VW control unit, internal HDD, optical communication, high speed and precision, 0.001mm command increment and Ethernet.

Spindle



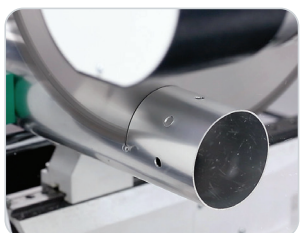
- Torque-boosted servo control with spinea 0,010 gap positioning.
- HSD brand spindle which has thermostat sensor with liquid cooling 12 kW max. 24,000 rpm.
- Tool cooling system with oil-air mixture spraying, speed adjustment and liquid level sensor.
- HSK tool holder and tool holder cleaning system.
- Tool change security protocols written to reduce operator errors as much as possible.

Magazine



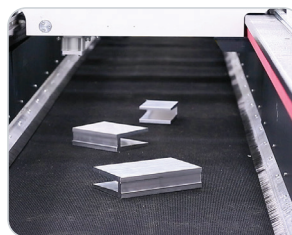
- 16 tool capacity magazine.
- Tool change feature in 8 seconds.
- Time saving by changing the tool when passing from one operation to another one on the piece.
- Ø200mm saw can be mounted.

Saw



- It has its own magazine.
- Tool change feature in 8 seconds.
- Easy design for saw changing process.
- Up to Ø500mm saw can be mounted.

Waste Conveyor



- The belt, made of a special material, which continues throughout the entire processing area of the machine, carries the chips and waste falling into this area to the bucket.

Automatic Tool Length Measuring



- Tool length measurement is performed at any time with an accuracy of 0.05%. If there is a difference between the value entered in the CAM program and the measured value, it warns.

ZC 3062							
400 V (50-60 Hz) (kW)	6-8 bar (l/trdk)	kg	W x L x H (mm)	L(min.) x L(max.) (mm)	a x h (mm)	ØD x Ød x b (mm)	X x Y x Z (mm)
24	350	11250	10370 x 3330 x 2845	— x 6500	650 x 350	200 x 32 x 2 500 x 30 x 4	7000 x 1425 x 747
ZC 3063							
400 V (50-60 Hz) (kW)	6-8 bar (l/trdk)	kg	W x L x H (mm)	L(min.) x L(max.) (mm)	a x h (mm)	ØD x Ød x b (mm)	X x Y x Z (mm)
24	350	17220	14330 x 4330 x 2820	— x 10500	650 x 350	200 x 32 x 2 500 x 30 x 4	11050x1425x747
ZC 3064							
400 V (50-60 Hz) (kW)	6-8 bar (l/trdk)	kg	W x L x H (mm)	L(min.) x L(max.) (mm)	a x h (mm)	ØD x Ød x b (mm)	X x Y x Z (mm)
24	380	22400	18300 x 4330 x 2820	— x 14480	650 x 350	200 x 32 x 2 500 x 30 x 4	15025x1425x747

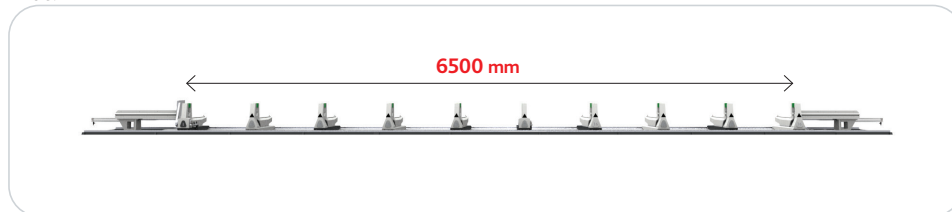
Control Panel



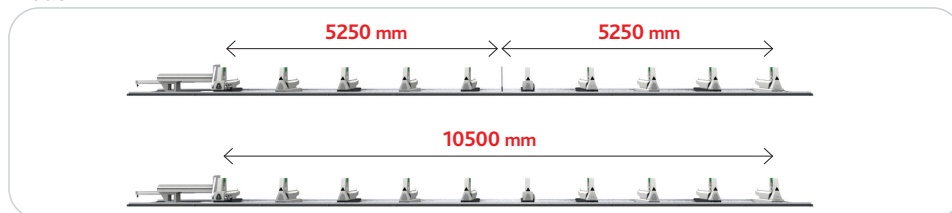
- 19" touch led screen.
- Easy to use and flexible operating system and interface.
- Mitsubishi CNC control unit.
- Numerical processing with G-Code transferred from CAD-CAM software.
- It communicates with programs that extract .ncx files.
- High performance machine management.
- Easy parameter settings.
- It has periodic maintenance reminder function.
- Service support with remote connection.
- Usb and Com Port input.

Clamps

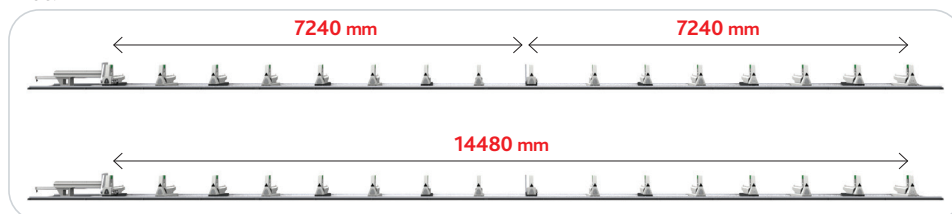
Mod.2



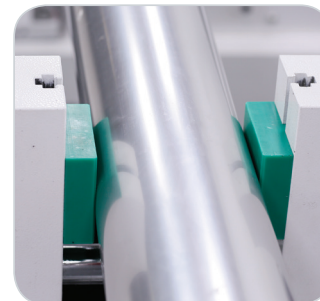
Mod.3

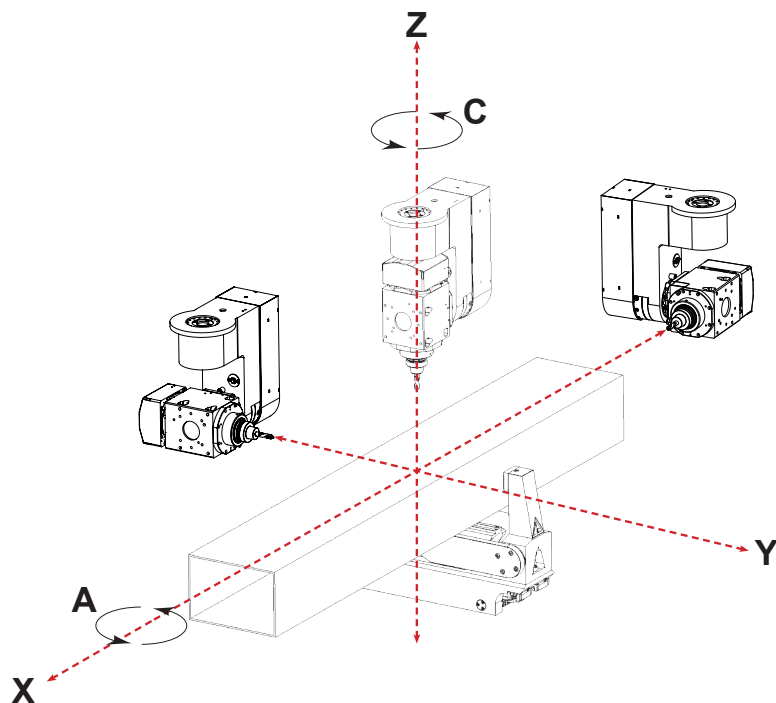


Mod.4

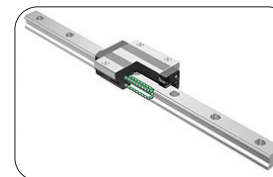


- Since the clamp constants are at the front, the profile loading process is very easy.
- The standard module has 10 clamps with 2 types.
- Roller system of the surfaces where the profile is placed provides the comfort of profile sliding.
- According to the receipts on the workpiece, the clamps receive servo-controlled automatic position.
- Easy piece referencing with double-sided profile support system.
- Long length profile processing is available. With Ø500 mm saw blade, it makes milling from the ends of the profiles.
- Thanks to the pressure regulator, the clamp tightness can be adjusted according to the profile thickness.
- Pieces smaller than 300mm can be held and cut with a single clamp.
- Thanks to the profile conveying system with the clamp, the saw can easily be inserted between the profiles.



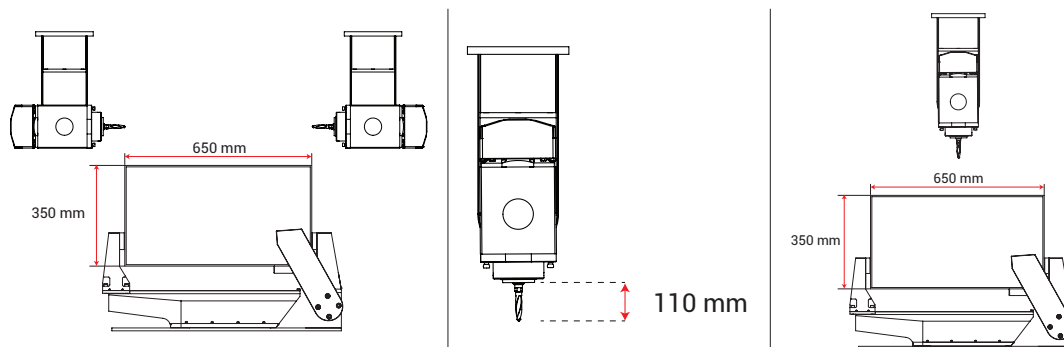


Bearing System



- High quality bearings suitable for high speeds whose gap class is zero.

ZC 3060					
Motor Specifications	Power (kW)	Motor Speed (rpm)	Angular Speed (°/dk)	Axis Speed (m/dk)	Reductor
Spindle Motor (HSD ES779)	12,00	24000	-	-	-
X Axis Servo Motor	3,50	3000	-	144	PSFN 140 - i:10
Y Axis Servo Motor	1,50	3000	-	40	PSFN 110 - i:25
Z Axis Servo Motor	1,00	3000	-	30	-
A Axis Servo Motor	0,75	3000	160	-	Spinea i:115
C Axis Servo Motor	0,75	4000	210	-	Spinea i:115
Magazine Servo Motor	0,75	4000	-	-	AD 110 i:61
Clamp Servo Motor	0,75	4000	-	-	SD 90 i:50



Optional Equipments

- Bottom surface of profile can be processed with optional 90° tool.
- Piece, hole, surface shifting, profile length and width measurements can be made with the optional Renishaw probe.
- 7 meters processing dimension in two separate stations and 14.5 meters processing dimension in total. (with length option)
- Tool chuck can be selected as A63 or F63 according to motor.