

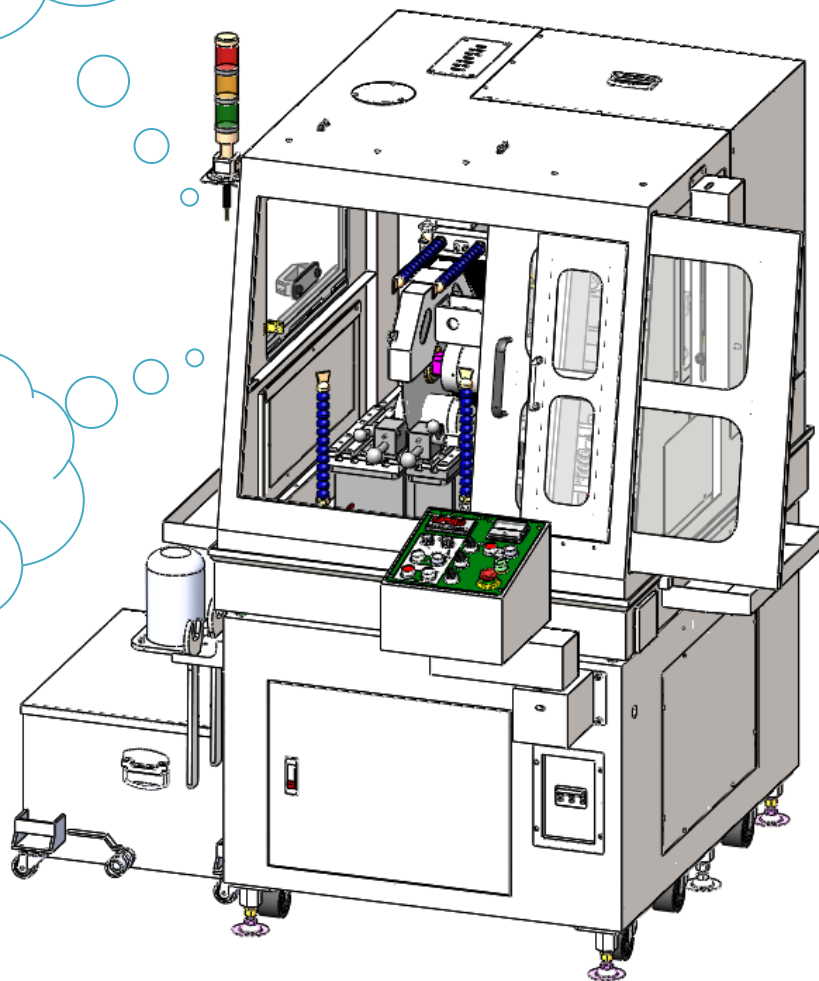
TOP TECH

Abrasive Cutting

CF100/CF120/CF150

Spindle feed in
Z-axis ↑ ↓
for cutting

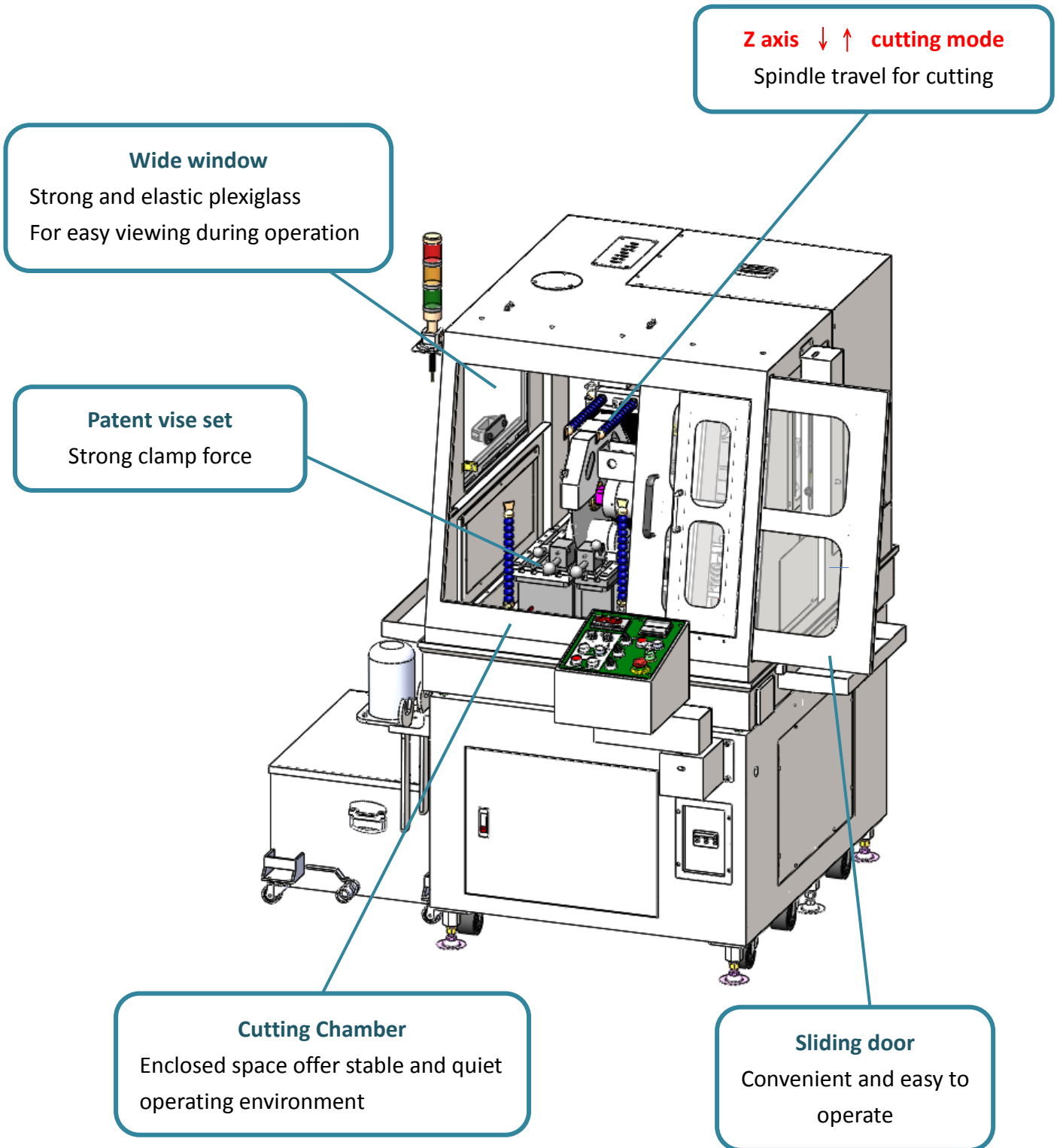
Special for
cutting long
sample

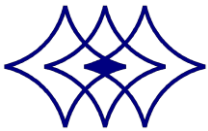




TOP TECH

Instruction





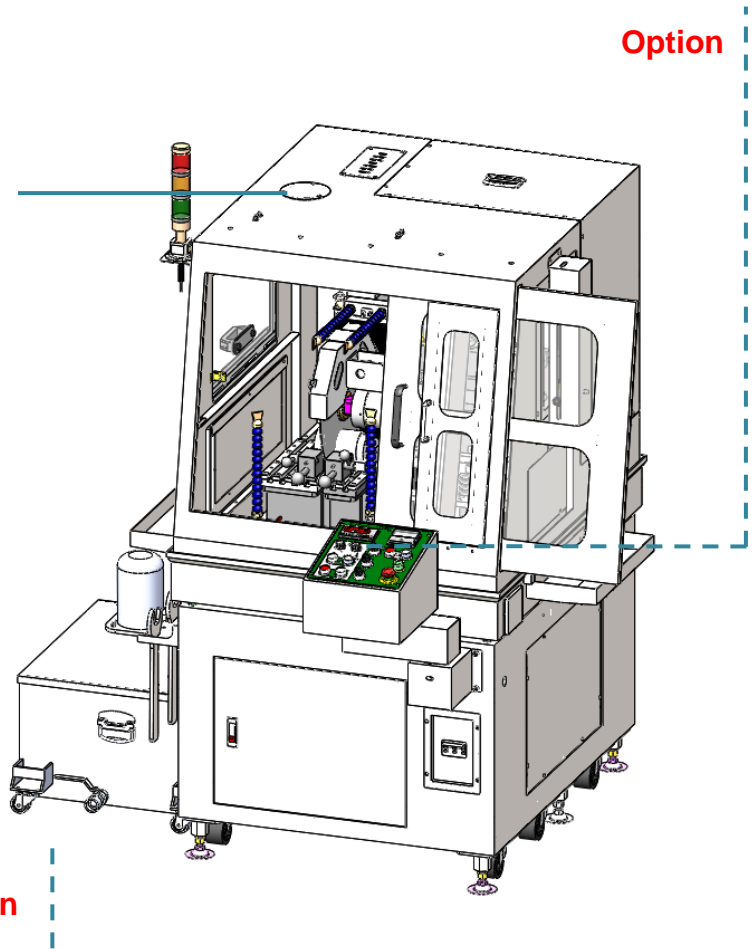
TOP TECH

Features

Model	Description
CK001 Protection function of cutting load	Stop feeding automatically while overload. Start feeding automatically after machine is reset.

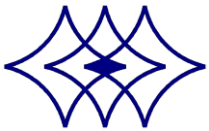


Vent allow to install ventilation equipment



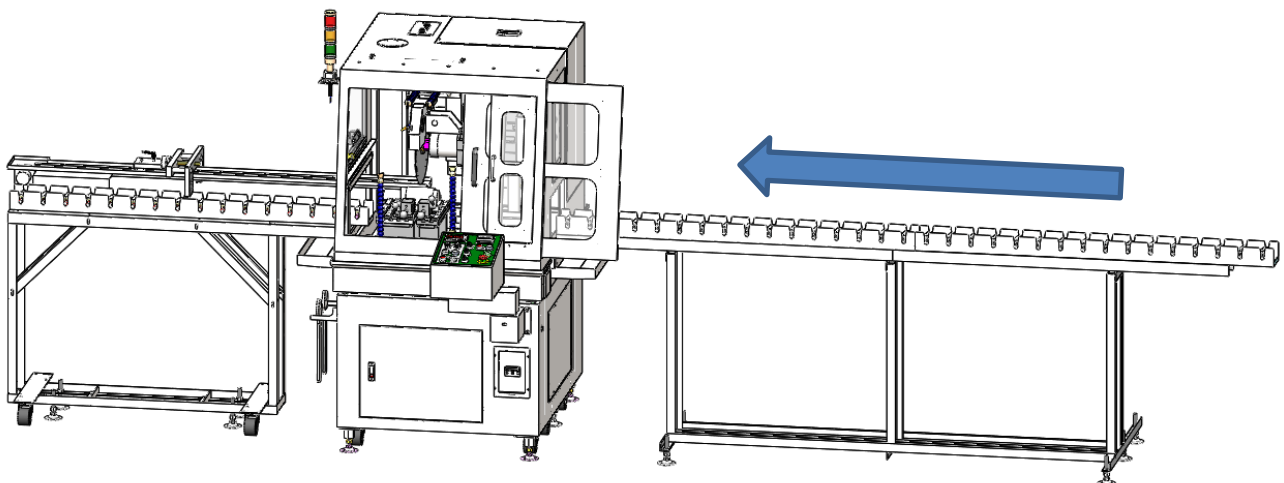
Option

Magnetic filtration coolant system	Paper filtration coolant system	Paper + Magnetic filtration coolant system



TOP TECH

Model	Description
CF002 Option	<ol style="list-style-type: none">1. Feeding rack:3000mm (roller rack)2. Receive rack:1500mm(roller rack)3. Feed positioning :Precision 0.1mm , position length 1500mm4. Sample specification: ●Ø50 & ■100x205. Load: Max. 50Kg

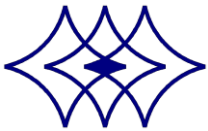




TOP TECH

Specification

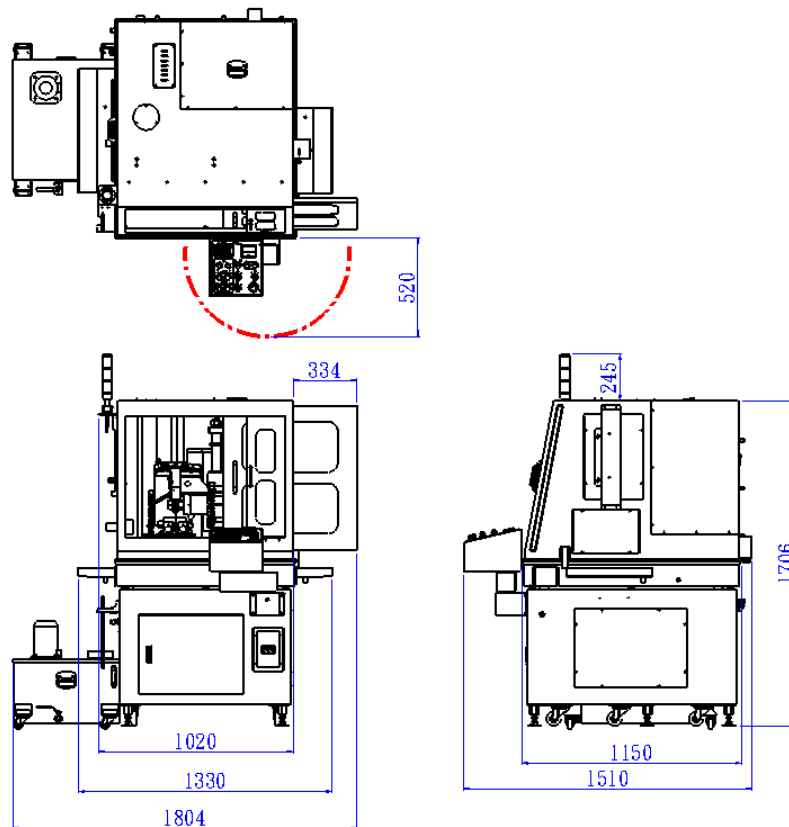
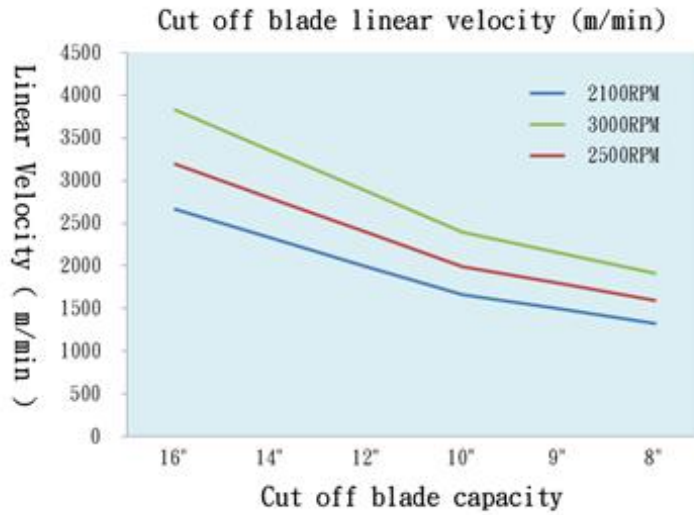
Model no.	100	120	150
Travel distance	100	120	150
Motor power	2HP (1500W)	3HP (2300W)	5HP (3800W)
Cutting capacity(mm)	Max. Ø50	Max. Ø70	Max. Ø90
Cut off wheel	Ø255 x Ø31.75	Ø305 x Ø31.75	Ø355 x Ø31.75
Flange(mm)	Ø85	Ø85	Ø85 & Ø100
Feeding method (Automatic)	Automatic: button control/ Home point return after cutting		
Spindle rotational speed	3000RPM(60Hz) 2500RPM(50Hz)	2100RPM(60Hz) 1650RPM(50Hz)	2100RPM(60Hz) 1650RPM(50Hz)
T slot table(mm)	275x300	275x300	275x300
Vise dimension (WxD)	50x60 mm	50x60 mm	50x60 mm
Coolant pump	1/4 HP (190W)	1/4 HP (190W)	1/4 HP (190W)
Coolant tank	100L	100L	100L
Machine dimension (W x D x H)	1750(1800)x1510x2000	1750(1800)x1510x2000	1750(1800)x1510x2000
Power supply	AC 220V/380V /415V/440V Three phases		
Standard accessories	Spanner 2pc 、 Cut off wheel 2pc		
	Coolant 5L	Coolant 5L	Coolant 5L



TOP TECH

Parameter

For reference only





Consumables

Abrasive cutting wheel

Order No.	Materials	Diameter*		MOQ
		Arbor*	Thickness	
S02A0202	Alloy tool steels SKS、SKD、SKT 、SUP heat treatment metal	10"	Ø255XØ31.75X1.2	10
S02B0202A	Ordinary carbon steel、mechanical structural steel S-C series、tool steel、 soft steel SS series	10"	Ø255XØ31.75X1.2	10
S02C0202	Special alloy steel、 high-speed steel and other heat treatment components	10"	Ø255XØ31.75X1.2	10
S02D0202	Special alloy steel、high speed steel and other high hardness heat treatment components	10"	Ø255XØ31.75X1.2	10
S02D1002B	Ordinary cast iron FC for casting	10"	Ø255XØ32X1.2	10
S02E0202	Non-iron metals、copper alloy	10"	Ø255XØ31.75X1.2	10
S02F0202	Bakelite、Plastic、sapphire	10"	Ø255XØ31.75X1.2	10
S02N10AD	Ordinary carbon steel、mechanical structural steel S-C series、tool steel、soft steel SS series	10"	Ø250XØ32X1.6	10
S02N10ATC	Alloy tool steels SKS、SKD、SKT 、SUP heat treatment metal	10"	Ø250XØ32X1.6	10
S02N10ATS	Special alloy tool steel、 High-speed steel、 heat treatment material	10"	Ø250XØ32X1.6	10
S02N10NF(SS)	Ordinary carbon steel、 mechanical structural steel tool steel、 soft steel series	10"	Ø250XØ32X1.6	10
S02A0302	Alloy tool steels SKS、SKD、SKT 、SUP heat treatment metal	12"	Ø305XØ31.75X1.2	10



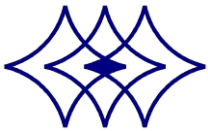
TOP TECH

S02B0302A	Ordinary carbon steel 、 mechanical structural steel S-C series 、 tool steel 、 soft steel SS series	12"	Ø305XØ31.75X1.5	10
S02C0302	Special alloy tool steel 、 High-speed steel 、 heat treatment material	12"	Ø305XØ31.75X1.2	10
S02D0302	Ordinary cast iron FC for casting	12"	Ø305XØ31.75X1.2	10
S02D1102B	Ordinary cast iron FC for casting	12"	Ø305XØ32X1.2	10

Consumables

Abrasive cutting wheel

Order No.	Materials	Diameter*	Arbor*Thickness		MOQ
S02E0302	Non-iron metals 、 copper alloy	12"	Ø305XØ31.75X1.2		10
S02F0302	Bakelite 、 Plastic 、 sapphire	12"	Ø305XØ31.75X1.2		10
S02N12AD	Ordinary carbon steel 、 mechanical structural steel S-C series 、 tool steel 、 soft steel SS series	12"	Ø300XØ32X2		10
S02N12ATC	Alloy tool steels SKS 、 SKD 、 SKT 、 SUP heat treatment metal	12"	Ø300XØ32X2		10
S02N12ATS	Special alloy tool steel 、 High-speed steel 、 heat treatment material	12"	Ø300XØ32X2		10
S02A0403	Alloy tool steels SKS 、 SKD 、 SKT 、 SUP heat treatment metal	14"	Ø355XØ31.75X1.5		10
S02A0406	Alloy tool steels SKS 、 SKD 、 SKT 、 SUP heat treatment metal	14"	Ø355XØ31.75X2		10
S02C0403	Special alloy tool steel 、 High-speed steel 、 heat treatment material	14"	Ø355XØ31.75X1.5		10
S02D0403	Ordinary cast iron FC for casting	14"	Ø355XØ31.75X1.5		10



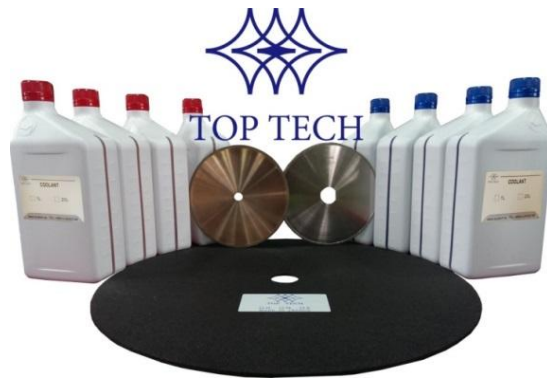
TOP TECH

S02D1203B	Ordinary cast iron FC for casting	14"	Ø355XØ32X1.5	10
S02E0403	Non-iron metals 、copper alloy	14"	Ø355XØ31.75X1.5	10
S02F0403	Bakelite 、Plastic 、sapphire	14"	Ø355XØ31.75X1.5	10
S02N14AD	Ordinary carbon steel 、mechanical structural steel S-C series 、tool steel 、soft steel SS series	14"	Ø350XØ32X2.5	10
S02N14ATC	Alloy tool steels SKS 、SKD 、SKT 、SUP heat treatment metal	14"	Ø350XØ32X2.5	10
S02N14ATS	Special alloy tool steel 、High-speed steel 、heat treatment material	14"	Ø350XØ32X2.5	10

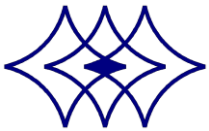
Consumables

Coolant

Order No.	Materials	Capacity	Feature	Remark
S01002	Coolant	1L	Creamy and high oil content	

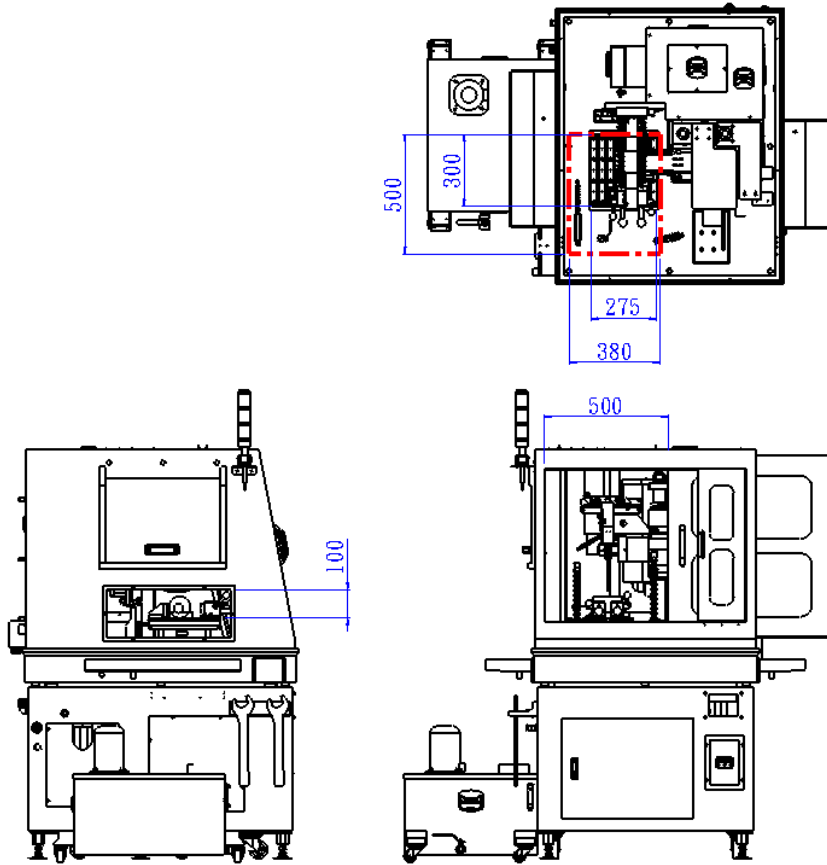


Remark: Welcome to get the more detail information of consumables in the follow link
<http://toptech.synology.me/Consumables/Cutting.pdf>



TOP TECH

Appendix - Cutting Chamber Capacity





*Perfect Surface.
Always*

Cutting / Mounting / Grinding & Polishing / Spin Coater

TOP TECH MACHINES CO.,LTD

No.6-3,Siayuan Rd.,Dali,Taichung,412 Taiwan

Tel:886-4-24061658

Fax:886-4-24073200

<http://www.toptech.tw>

<http://toptech.sniapp.com>

E-mail: top@toptech.tw

Agent:



We reserve the right to change design without notice.

NO.A16-01

<http://www.toptech.tw>