

User Tool Guide Book

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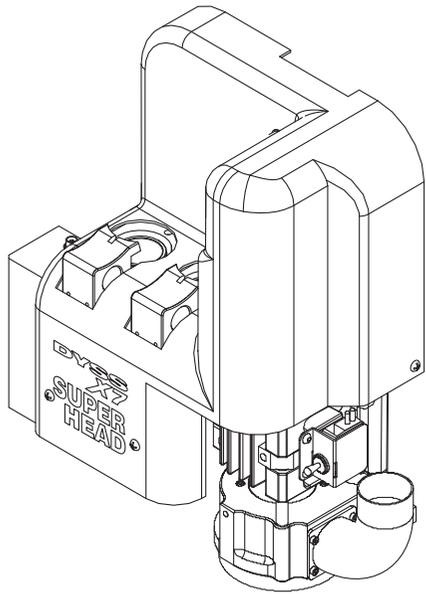
2.Kind of a tool

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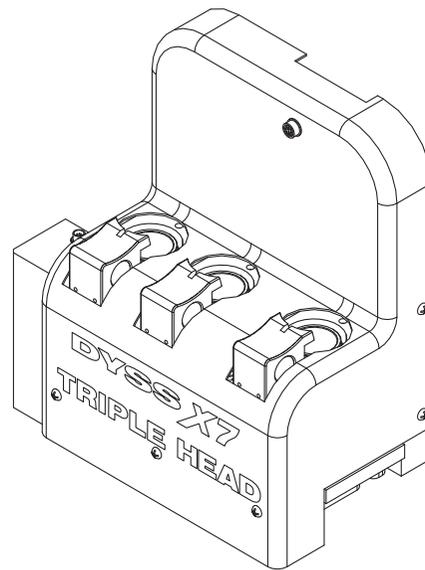
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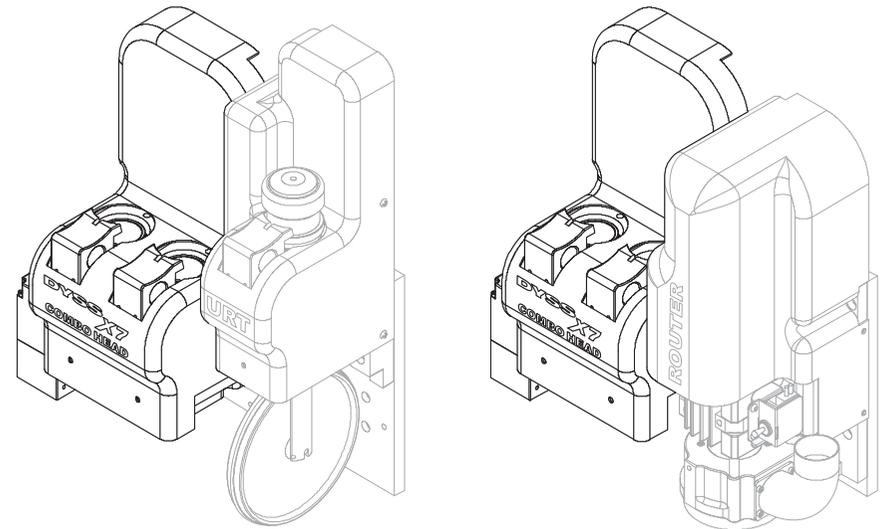
1-1 Super Head Unit
(Part No, X7TH2TM0000)



1-2 Triple Head Unit
(Part No, X7TH3TM0000)



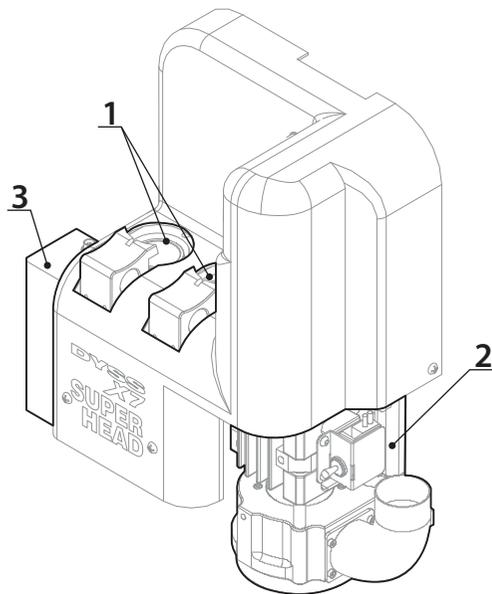
1-3 Combo Head Unit
(Part No, X7THCTM0000)



1.Product description

1-1 Super Head Unit

(Part No, X7TH2TM0000)



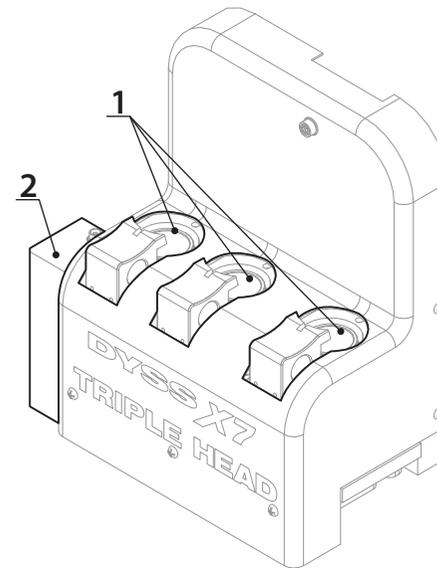
1, Two Tangential tool sleeve

2, 1Kw (60,000 rpm) Router Unit (Option)
(Part No, X7TH1R10000)

3, Auto Registration Camera Unit (Option)
(Part No, XCUTARAKCVO) **K-CUT**® by AG/CAD

1-2 Triple Head Unit

(Part No, X7TH3TM0000)



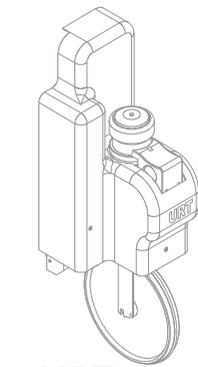
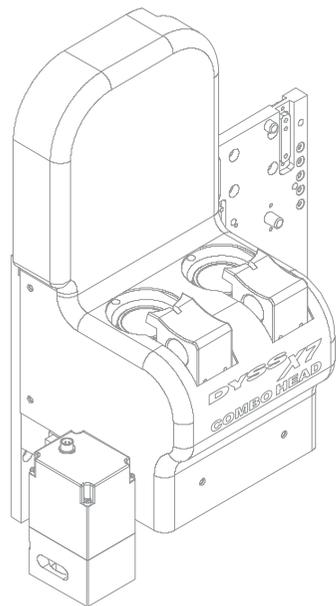
1, Three Tangential tool sleeve

2, Auto Registration Camera Unit (Option)
(Part No, XCUTARAKCVO) **K-CUT**® by AG/CAD

1.Product description

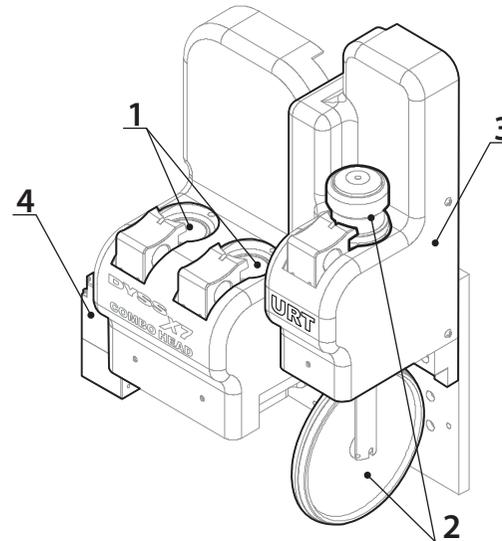
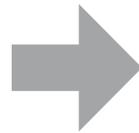
1-3 Combo Head Unit

(Part No, X7THCTM0000)

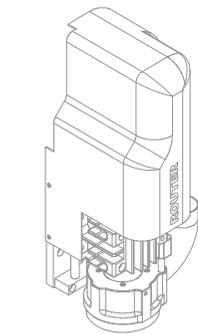


▶ URT

-Holder(X7THCRH1500), Roller(X7THCRR1500), URT creasing module(X7THURT0000)

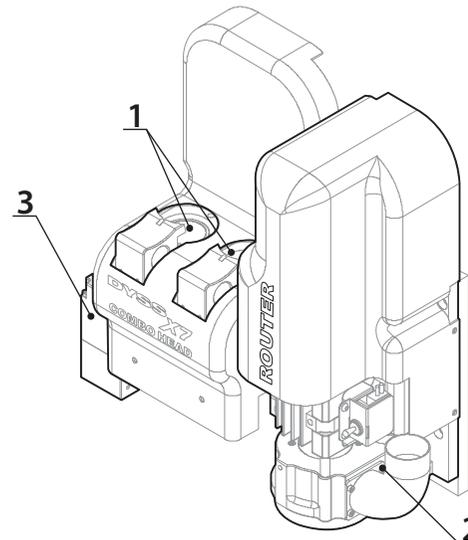
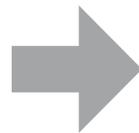


- 1, Two Tangential tool sleeve
- 2, URT(XCTHCRR1500) D=150mm
width=3.5mm / heighth=1.5mm
- 3, Tool head 1TM / URT
- 4, Auto Registration Camera Unit (Option)
(Part No, X7ARCUKC0 **K-CUT**® AG/CAD



▶ Router

(X7THCTMR100)



- 1, Two Tangential tool sleeve
- 2, 1Kw (60,000 rpm) Router Unit (Option)
(Part No, X7TH1R10000)
- 3, Auto Registration Camera Unit (Option)
(Part No, X7ARCUKC0 **K-CUT**® AG/CAD

RKT (Reciprocating Knife Tool)

RKT (Reciprocating Knife Tool)

- X7THRKT0600
-Stroke:0.6mm
-SPM:15,000
- X7THRKT2000
-Stroke:2.0mm
-SPM:12,000
- X7THRKT4000
-Stroke:4.0mm
-SPM:8,500

Stroke **0.6mm**
Code No. **X7THRKT0600**
SPM **15,000**

Stroke **2.0mm**
Code No. **X7THRKT2000**
SPM **12,000**

Stroke **4.0mm**
Code No. **X7THRKT4000**
SPM **8,500**

Labels: Glide cap spring, Glide cap fixing ring, RKT Knife Holder, RKT Knife, Glide cap

Type

- Glide cap short -XCUTRKTCP002
- Glide cap long -XCUTRKTCP001

 ▲ XCTHRKTKH01	Z20 	65/85 degr. cut angle, 25mm long, for cutting corrugated cardboard, foam and rubber etc. up to 10mm thick (5 units per Pack)
	Z21 	65/85 degr. cut angle, 28mm long, for cutting corrugated cardboard, foam and rubber etc. up to 13mm thick like Z20 with longer blade (5 units per Pack)
 ▲ XCTHRKTKH02	Z16 	6mm wide, 0.6mm thick, 55 degr. cut angle, single edge, for cutting cardboard, leather and fabric etc (5 units per Pack)
	Z17 	6mm wide, 0.6mm thick, 65 degr. cut angle, single edge, for cutting cardboard, leather and fabric etc. smaller overcut than Z16 (5 units per Pack)
	Z42 	-15/55 degr. cut angle, 28mm long, 7.8mm blade length with special tip for cutting fabrics, fibre boards, leather, felt, rubber and foam materials (5 units per Pack)

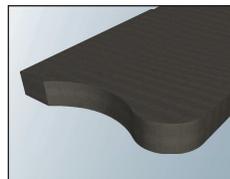
Foam based materials,
corrugated boards, sandwich
boards and duct insulation boards



(Sandwich board)



(Form board)



(Polyethylene-Sponge)



Info desk
Sandwich board

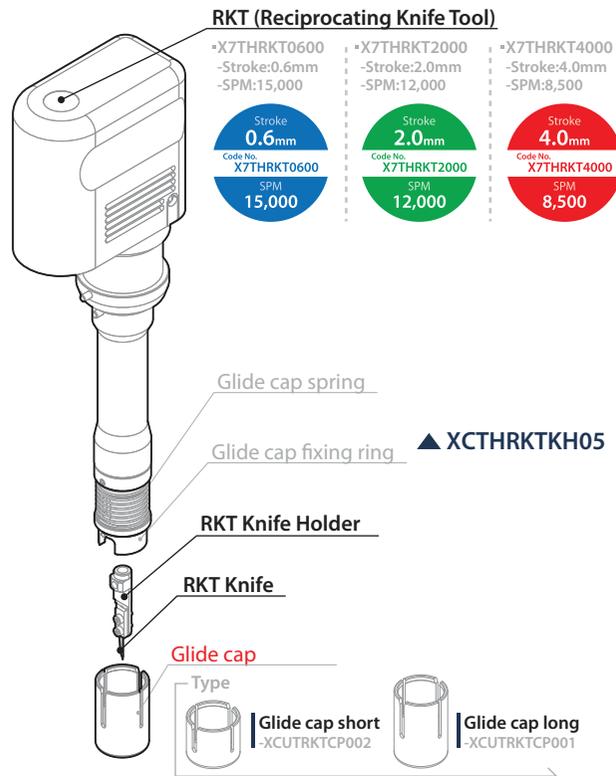


Craft item
Form board



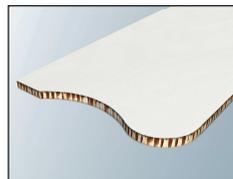
Polyethylene-Sponge

RKT (Reciprocating Knife Tool)



 ▲ XCTHRKTKH03	GB10 	Point angle:50°/Blade angle:11° , Long life knife, ideal for cutting most form and Honey Comb boards.Recommended use for Form board up to 20mm, Triple Wall corrugated rigid materials, X-board/ HoneyComb board up to 20mm, Thick & Rigid paper-based materials (1 unit per Pack)
 ▲ XCTHRKTKH04	TC55 	2.5 degr. cutting depth approx. up to 55mm thick (1 unit per Pack)
 ▲ XCTHRKTKH05	Carbide W Blade 	77 degr, 10mm wide dual edge, cutting depth up to 18mm thick (1 unit per Pack)
 ▲ XCTHRKTKH05	FB60 	Specialized at foam board cutting, up to 60mm thick (1 unit per Pack)

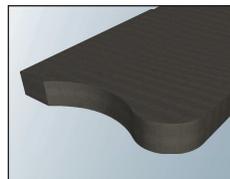
Foam based materials,
corrugated boards, sandwich
boards and duct insulation boards



(Sandwich board)



(Form board)



(Polyethylene-Sponge)



Info desk
Sandwich board

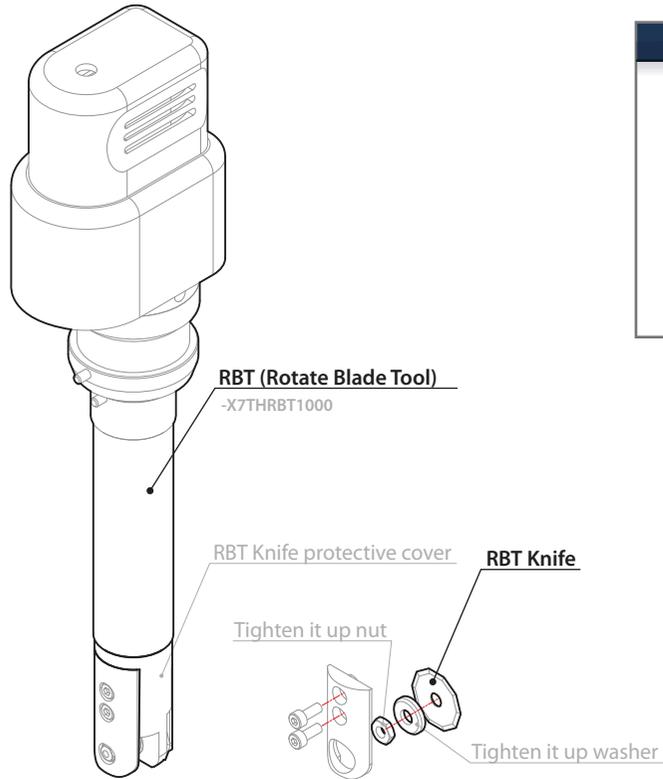


Craft item
Form board



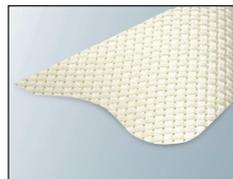
Polyethylene-Sponge

RBT (Rotate Blade Tool)

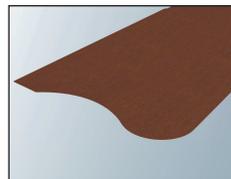


 Integral Tool	Z50 	Type Z50, D=25mm, up to 3.5mm thick, used with knife holder for RBT for cutting Textile, Leather and Fabric etc (1 unit per Pack)
	Z51 	Type Z51, D=28mm, up to 5mm thick, used with knife holder for RBT for cutting Textile, Leather and Fabric etc (1 unit per Pack)

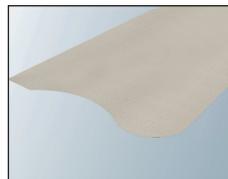
Leather materials, felt materials, textiles and fiber materials



(Fabric)



(Leather)



(Glass fiber)



Cloth
Fabric

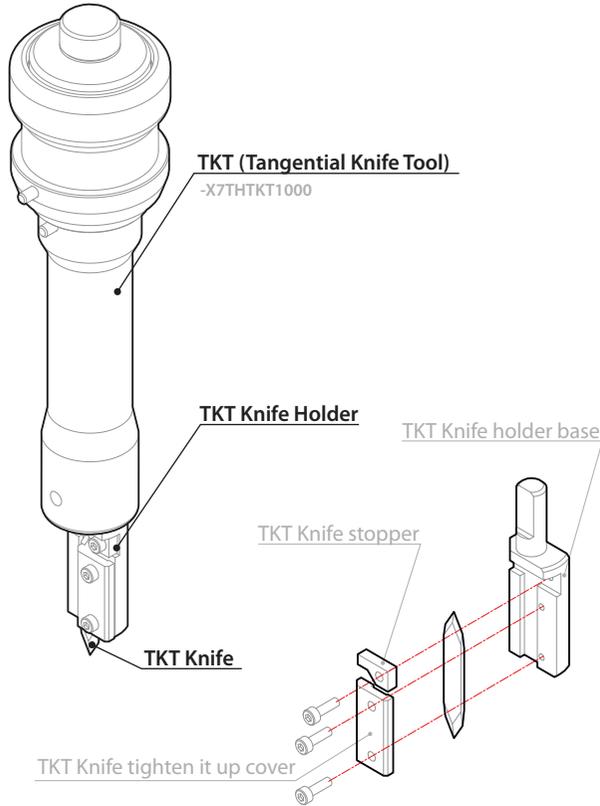


Handbag
Leather



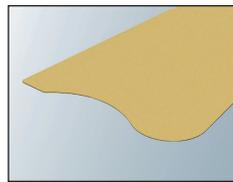
Car body
Glass fiber

TKT (Tangential Knife Tool)

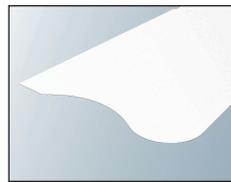


 ▲ XCTHTKTKH01	Z12 	8mm wide, 2-sided dual edge, 50 degr. cut angle, solid carbide, for Lexan, cardboard, Diamond Grade, pavement marking etc (3 units per Pack)
 ▲ XCTHTKTKH02	Z13  Z17  Z42 	8mm wide, 2-sided dual edge, 60 degr. cut angle, solid carbide, for Lexan, cardboard, Diamond Grade, pavement marking etc. smaller overcut than Z12 (3 units per Pack) 6mm wide, 0.6mm thick, 65 degr. cut angle, single edge, for cutting cardboard, leather and fabric etc. smaller overcut than Z16 (5 units per Pack) -15/55 degr. cut angle, 28mm long, 7.8mm blade length with special tip for cutting fabrics, fibre boards, leather, felt, rubber and foam materials (5 units per Pack)

Roll based materials, paper materials, thin plastic materials, plastic corrugated materials.



(Corrugated board)



(CCP-Paper)



(PET sheet)



Craft item
Corrugated board

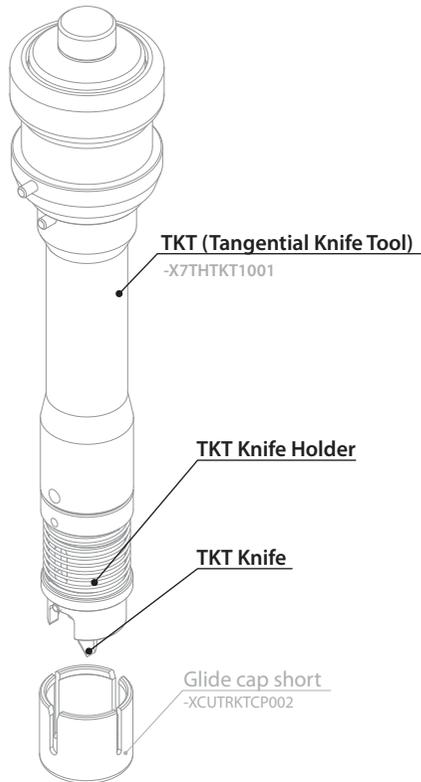


Craft item
CCP-Paper



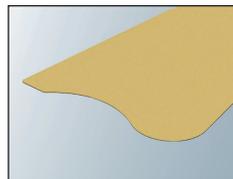
Merchandise packaging
PET sheet

TKT (Tangential Knife Tool)



 ▲ XCTHTKTKH01	<p>Z12</p> 	<p>8mm wide, 2-sided dual edge, 50 degr. cut angle, solid carbide, for Lexan, cardboard, Diamond Grade, pavement marking etc (3 units per Pack)</p>
 ▲ XCTHTKTKH02	<p>Z13</p>  <p>Z17</p>  <p>Z42</p> 	<p>8mm wide, 2-sided dual edge, 60 degr. cut angle, solid carbide, for Lexan, cardboard, Diamond Grade, pavement marking etc. smaller overcut than Z12 (3 units per Pack)</p> <p>6mm wide, 0.6mm thick, 65 degr. cut angle, single edge, for cutting cardboard, leather and fabric etc. smaller overcut than Z16 (5 units per Pack)</p> <p>-15/55 degr. cut angle, 28mm long, 7.8mm blade length with special tip for cutting fabrics, fibre boards, leather, felt, rubber and foam materials (5 units per Pack)</p>

Roll based materials, paper materials, thin plastic materials, plastic corrugated materials.



(Corrugated board)



(CCP-Paper)



(PET sheet)



Craft item
Corrugated board

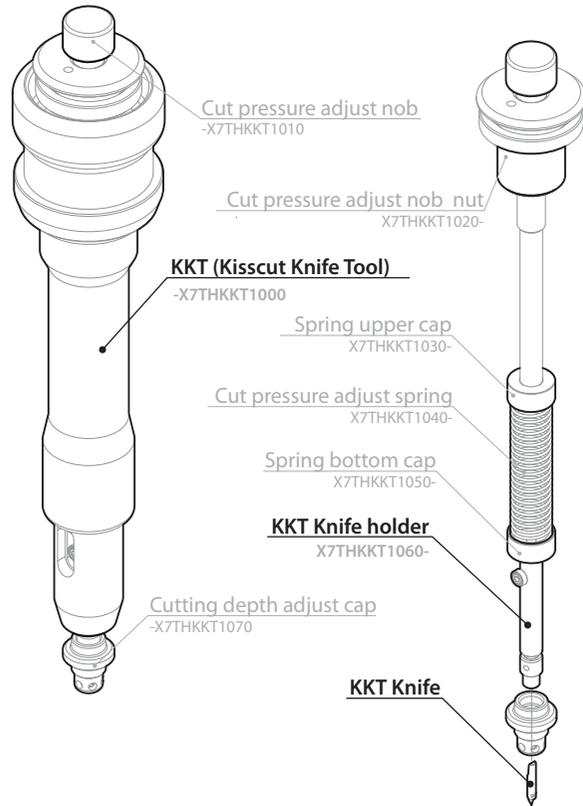


Craft item
CCP-Paper



Merchandise packaging
PET sheet

KKT (Kisscut Knife Tool)



Blade Type	Blade Description
Z1	40/40 degr., single edge, solid carbide for all common self-adhesive vinyls, films, pattern materials, great for very small lettering (10 units per Pack)
Z2	30/40 degr., single edge, solid carbide for thicker vinyls, reflectives, pattern materials and thin stencils (10 units per Pack)
Z3	40/30 degr., dual edge, solid carbide for all common self-adhesive vinyls and films strong, long lasting blade (10 units per Pack)
Z4	26/54 degr., single edge, solid carbide for thick stencils, rubber sandblast and flock materials, narrow wedge angle for easy entrance in thick materials, long cutting edge and steep angle to reduce overcuts (10 units per Pack)

Vinyl, film, self adhesive material



(Self adhesive vinyl)



(CCP-Paper)



(Sun block film)



Wrapping
Self adhesive vinyl

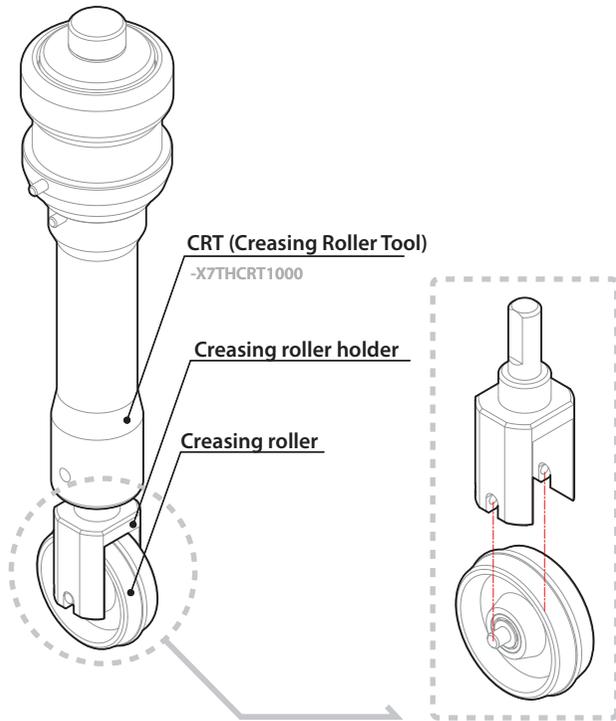


Packaging
CCP-Paper



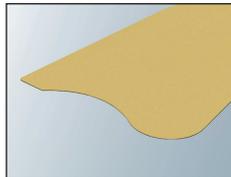
Car tinting
Sunblock film

CRT (Creasing Roller Tool)



 <p>▲ XTHCRH2400</p>	<p>CRT Roller Ø24</p> <table border="0"> <tr> <td data-bbox="1265 375 1422 518"> <p>XTHCRR2401</p> <p>D=24mm width=0.8mm height=1.0mm</p> </td> <td data-bbox="1478 375 1635 518"> <p>XTHCRR2402</p> <p>D=24mm width=1.5mm height=1.5mm</p> </td> <td data-bbox="1691 375 1848 518"> <p>XTHCRR2403</p> <p>D=24mm width=2.0mm height=2.0mm</p> </td> <td data-bbox="1904 375 2060 518"> <p>XTHCRR2403 (Steel ver.for PET and PE film)</p> <p>D=24mm width=0.5mm height=2.0mm</p> </td> </tr> </table>	<p>XTHCRR2401</p> <p>D=24mm width=0.8mm height=1.0mm</p>	<p>XTHCRR2402</p> <p>D=24mm width=1.5mm height=1.5mm</p>	<p>XTHCRR2403</p> <p>D=24mm width=2.0mm height=2.0mm</p>	<p>XTHCRR2403 (Steel ver.for PET and PE film)</p> <p>D=24mm width=0.5mm height=2.0mm</p>
<p>XTHCRR2401</p> <p>D=24mm width=0.8mm height=1.0mm</p>	<p>XTHCRR2402</p> <p>D=24mm width=1.5mm height=1.5mm</p>	<p>XTHCRR2403</p> <p>D=24mm width=2.0mm height=2.0mm</p>	<p>XTHCRR2403 (Steel ver.for PET and PE film)</p> <p>D=24mm width=0.5mm height=2.0mm</p>		
 <p>▲ XTHCRH4800</p>	<p>CRT Roller Ø48</p> <table border="0"> <tr> <td data-bbox="1265 622 1422 766"> <p>XTHCRR4801</p> <p>D=48mm width=1.5mm height=1.0mm</p> </td> <td data-bbox="1478 622 1635 766"> <p>XTHCRR4802</p> <p>D=48mm width=2.0mm height=1.2mm</p> </td> <td data-bbox="1691 622 1848 766"> <p>XTHCRR4803</p> <p>D=24mm width=3.0mm height=1.5mm</p> </td> <td data-bbox="1904 622 2060 766"> <p>XTHCRR4804</p> <p>D=48mm width=4.0mm height=2.0mm</p> </td> </tr> </table>	<p>XTHCRR4801</p> <p>D=48mm width=1.5mm height=1.0mm</p>	<p>XTHCRR4802</p> <p>D=48mm width=2.0mm height=1.2mm</p>	<p>XTHCRR4803</p> <p>D=24mm width=3.0mm height=1.5mm</p>	<p>XTHCRR4804</p> <p>D=48mm width=4.0mm height=2.0mm</p>
<p>XTHCRR4801</p> <p>D=48mm width=1.5mm height=1.0mm</p>	<p>XTHCRR4802</p> <p>D=48mm width=2.0mm height=1.2mm</p>	<p>XTHCRR4803</p> <p>D=24mm width=3.0mm height=1.5mm</p>	<p>XTHCRR4804</p> <p>D=48mm width=4.0mm height=2.0mm</p>		
 <p>▲ XTHCRH4800</p>	<p>CRT Roller Ø74</p> <table border="0"> <tr> <td data-bbox="1265 861 1422 1005"> <p>XTHCRR7401</p> <p>D=74mm width=3.0mm height=1.5mm</p> </td> <td data-bbox="1478 861 1635 1005"> <p>XTHCRR7402</p> <p>D=74mm width=4.0mm height=2.0mm</p> </td> </tr> </table>	<p>XTHCRR7401</p> <p>D=74mm width=3.0mm height=1.5mm</p>	<p>XTHCRR7402</p> <p>D=74mm width=4.0mm height=2.0mm</p>		
<p>XTHCRR7401</p> <p>D=74mm width=3.0mm height=1.5mm</p>	<p>XTHCRR7402</p> <p>D=74mm width=4.0mm height=2.0mm</p>				

Corrugated boards, carton boards,
thin plastic boards



(Corrugated board)



(CCP-Paper)



(PET sheet)



Craft item
Corrugated board

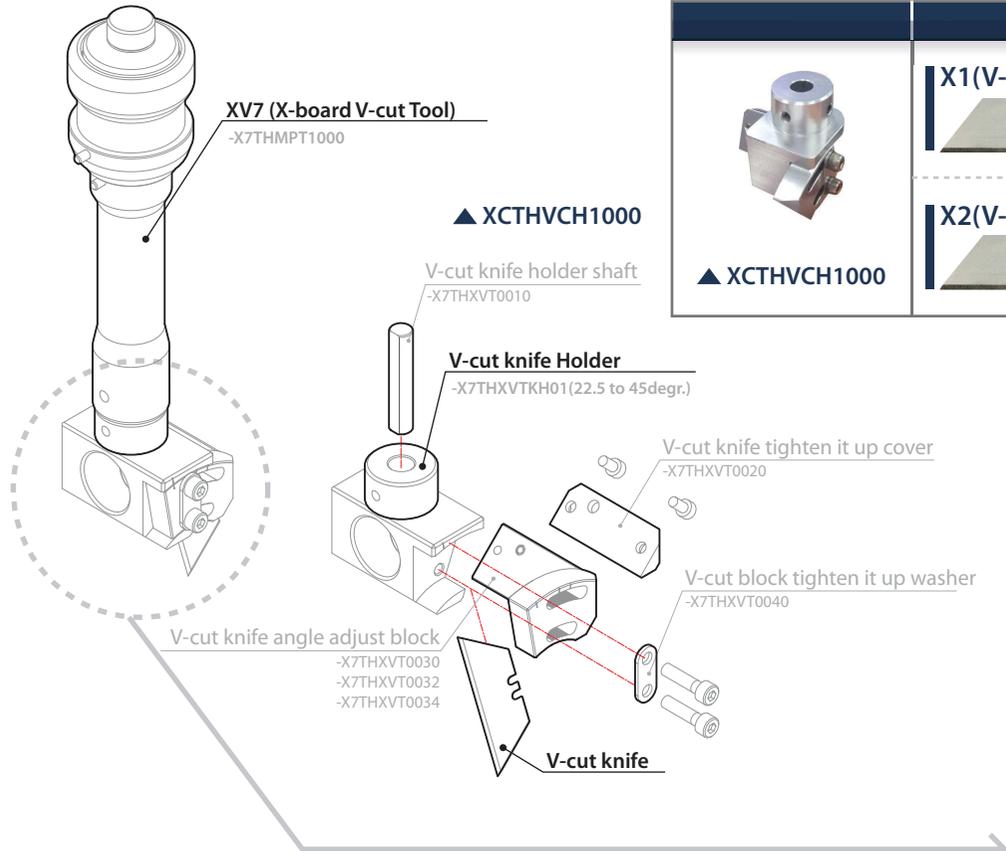


Craft item
CCP-Paper

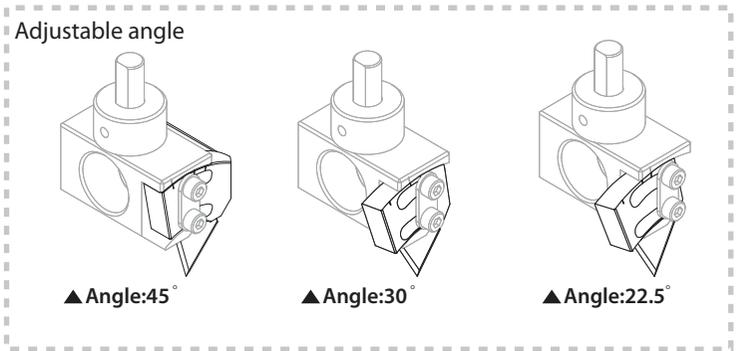


Merchandise packaging
PET sheet

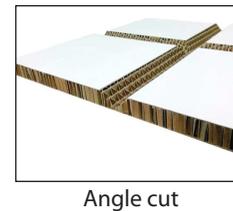
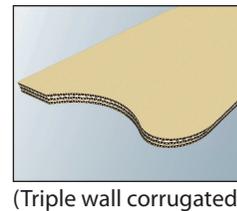
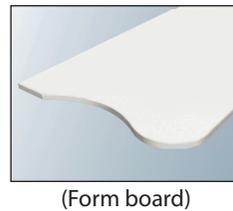
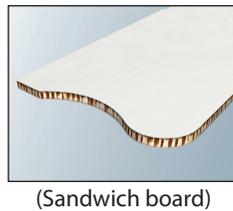
XVT (X-board V-cut Tool)



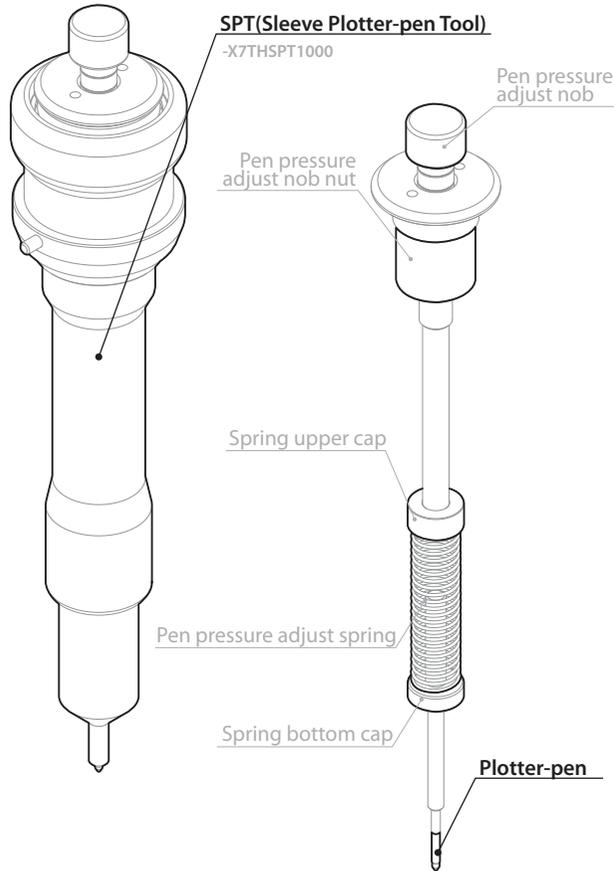
 <p>▲ XCTHVCH1000</p>	<p>X1 (V-Cut Knife)</p> 	<p>50degr. 19.0mm wide, 0.6mm thick(HSS) for cutting X-board up to 12mm</p>
	<p>X2 (V-Cut Knife)</p> 	<p>52degr. 19.0mm wide, 0.9mm thick(HSS) for cutting X-board up to 16mm</p>



Foam based materials, corrugated boards and sandwich boards and duct/insulation boards (angle:22.5 ~ 45)



SPT (Sleeve Plotter-pen Tool)

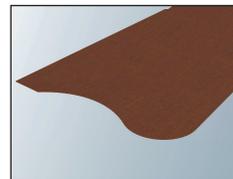


 Integral Tool	P1 	XCTHSPT201B Pressurized plotter-pen, medium, Black
	P2 	XCTHSPT202B Pressurized plotter-pen, medium, Blue
	P3 	XCTHSPT203R Pressurized plotter-pen, medium, Red
	P4 	XCTHSPT204G Pressurized plotter-pen, medium, Green

Pen marking onto paper materials,
leather materials, film materials,
rubber materials



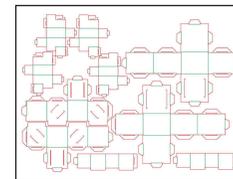
(CCP-Paper)



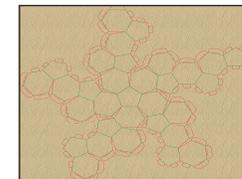
(Leather)



(Clear Vinyl)



Drawing
CCP-Paper

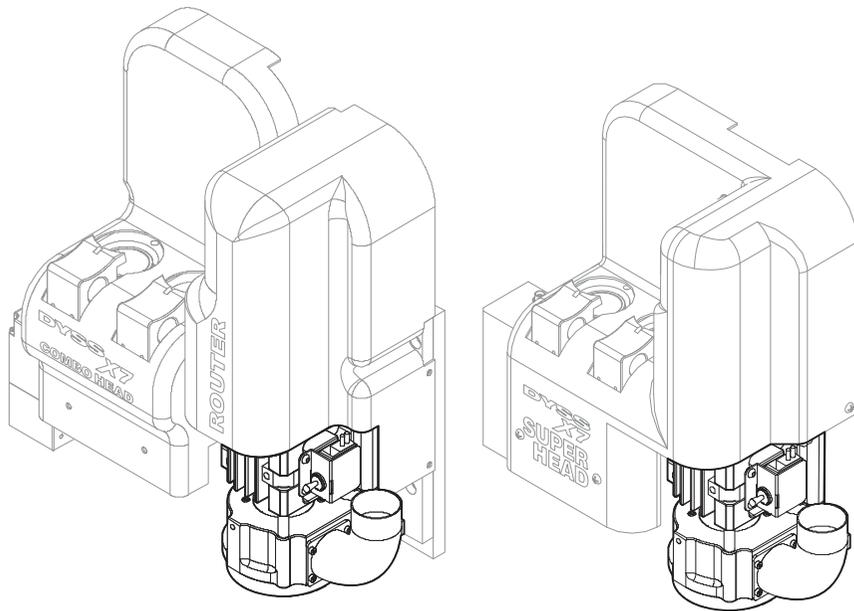


Drawing
Leather



Drawing
Clear vinyl

Router



(unit:mm)

			l		
S1-3.0/3-16-38A 	3	3	12	38	24,000
S1-4.0/6-12-50A 	6	4	12	50	54,000
S1-5.0/6-16-50A 	6	5	16	50	54,000
S1-5.0/6-22-50A 	6	5	22	50	54,000
S1-6.0/6-12-50A-B 	6	6	12	50	54,000
S1-6.0/6-22-58 A-B 	6	6	22	58	54,000

Please consider choosing the bit designed for **DYSS** router which is balanced and designed well. The balance of BIT is most important to meet the speed of **DYSS** router as 60,000rpm. In case of **3mm bits**, they have to be used with **under 24,000 rpm** to protect the router.

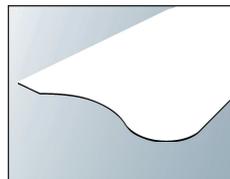
Rigid materials such as acrylic, wood, aluminum, foamed PVC, plastics



(Acrylic)



(Wood)



(Aluminum composite)



Clock
Acrylic



Table
Wood

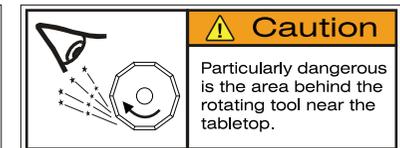
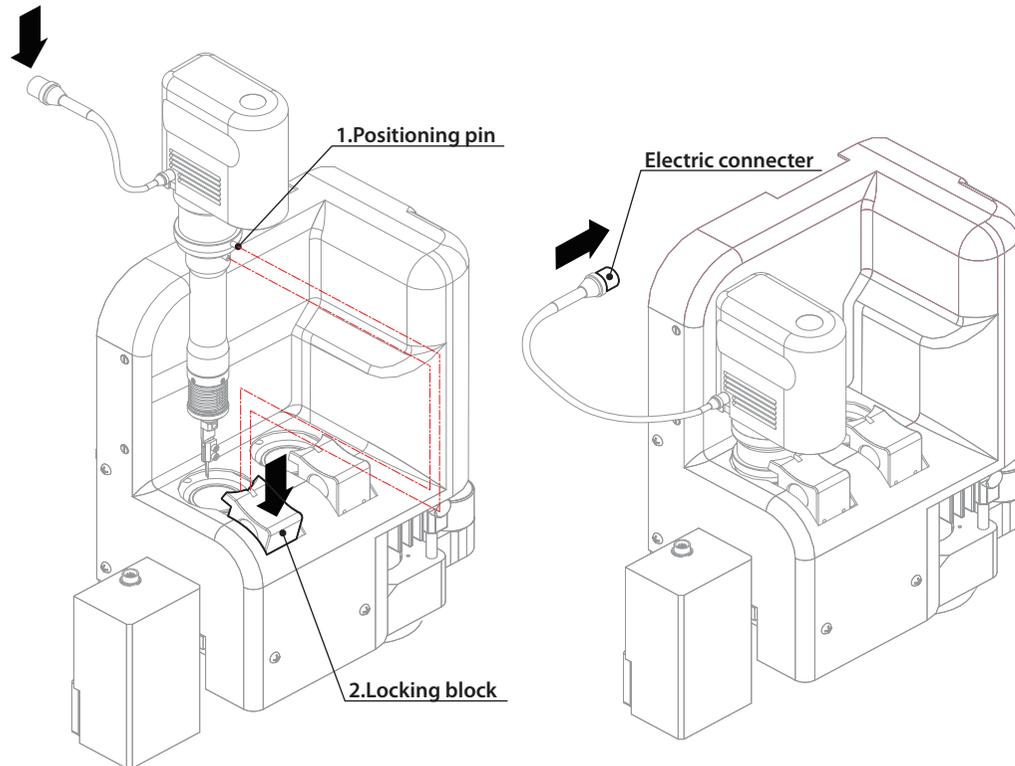


Pen holder
Aluminum composite

3.Operation

3-1 Inserting the tool

RKT(Reciprocating knife Tool) / RBT(Rotate blade Tool)



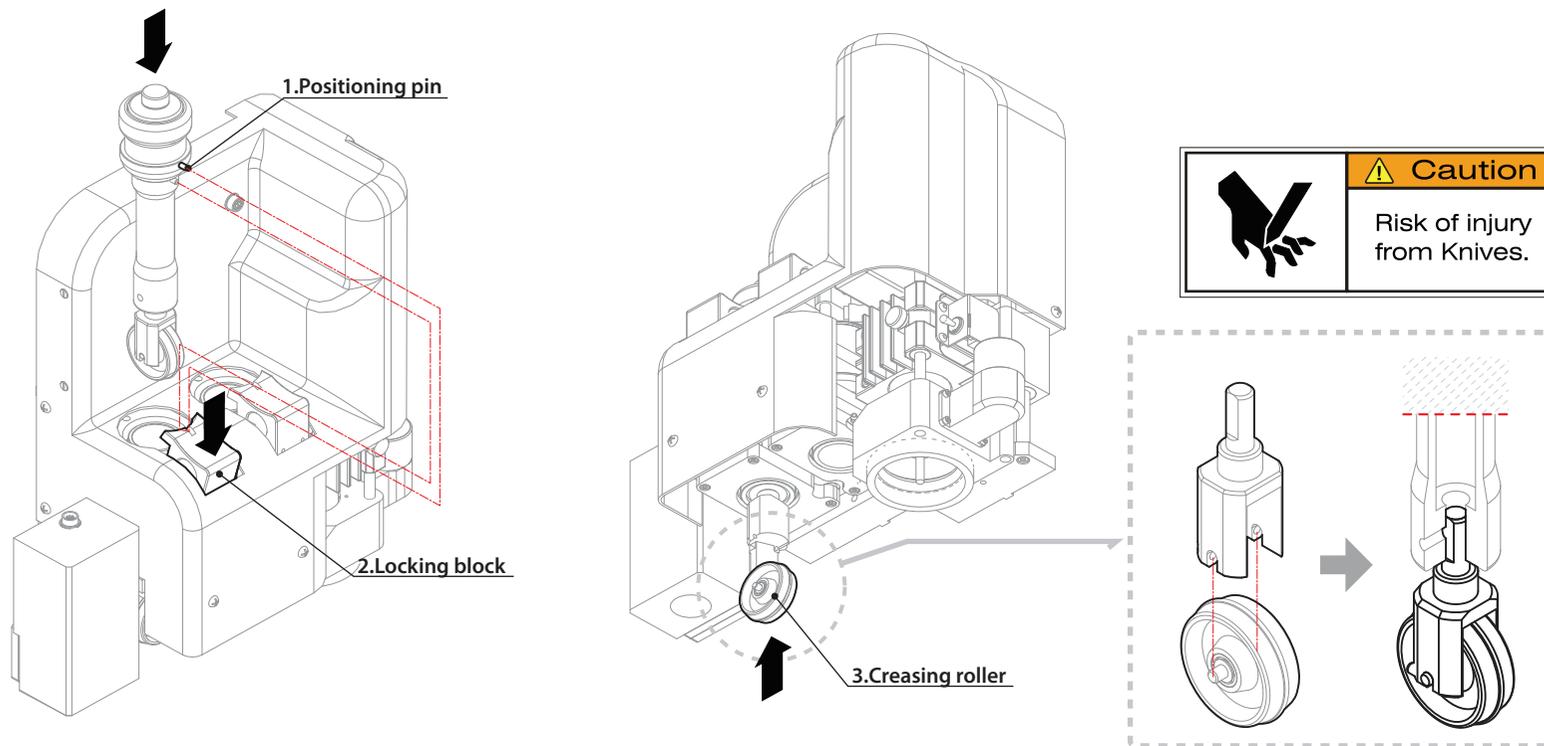
When RKT or RBT tool is installed on the tool head, put the position pin of tool(1) in the groove of locking block(2).

Insert tool unit(1) into tool head holder while locking block(2) is pushed, then release locking block(2).

If tool is intalled properly, put the female electric connector(3) into male connector on the tool head like arrow direction.

3.Operation

3-1 Inserting the tool CRT(Creasing Roller tool)



When CRT tool is installed on the tool head, put the position pin of tool(1) in the groove of locking block(2).

Insert tool unit(1) into tool head holder while locking block(2) is pushed, then release locking block(2).

If the diameter of creasing roller(3) is 24mm, whole CRT can be inserted from the top without separation of creasing roller(3).

With 48mm creasing roller, creasing roller should be assembled after inserting CRT body through the holder.

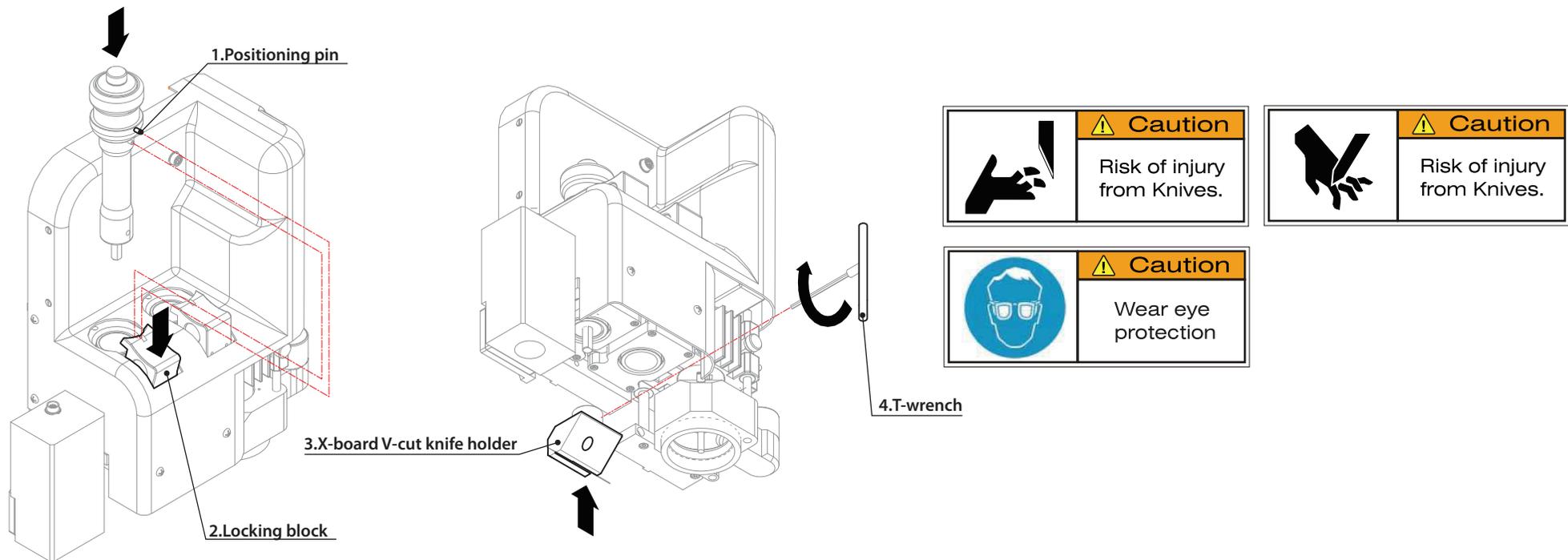
With 74mm creasing roller, it should be installed on router position due to rotating space.

74mm creasing roller should be used with triple head unit. The way of assembling is same as CRT with 48mm creasing roller.

3.Operation

3-1 Inserting the tool

XVT(X-board V-cut tool)



When XVT tool is installed on the tool head, put the positioning pin of tool(1) in the groove of locking block(2).

Insert tool unit(1) into tool head holder while locking block(2) is pushed, then release locking block(2).

Insert X-board V-cut knife holder(3) into tool from the bottom arrow direction.

Tighten up bolts to fix XV knife holder(3) with T-wrench.

