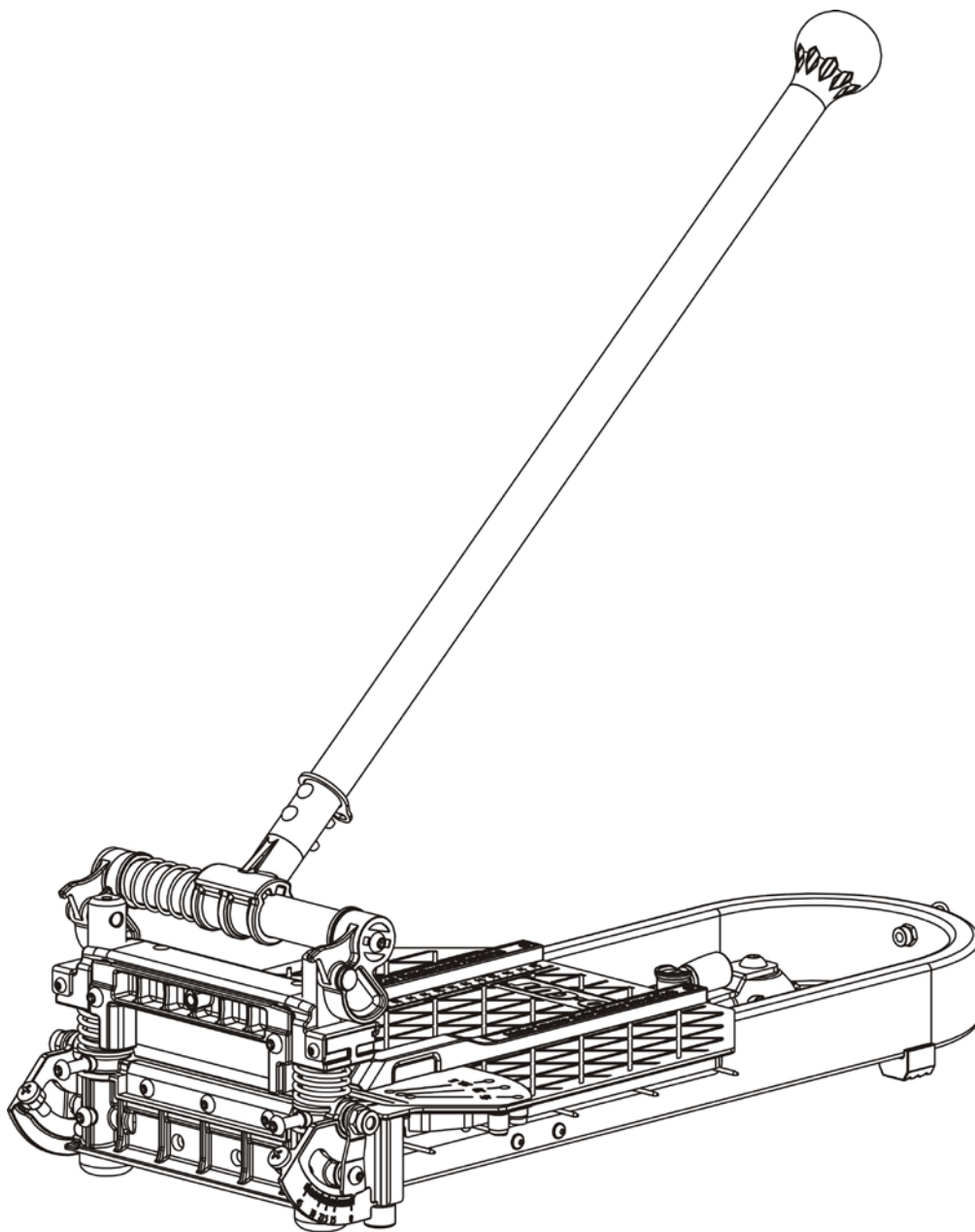


# D-CUT<sup>®</sup>

## OPERATION MANUAL

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Trim Cutter TC-100



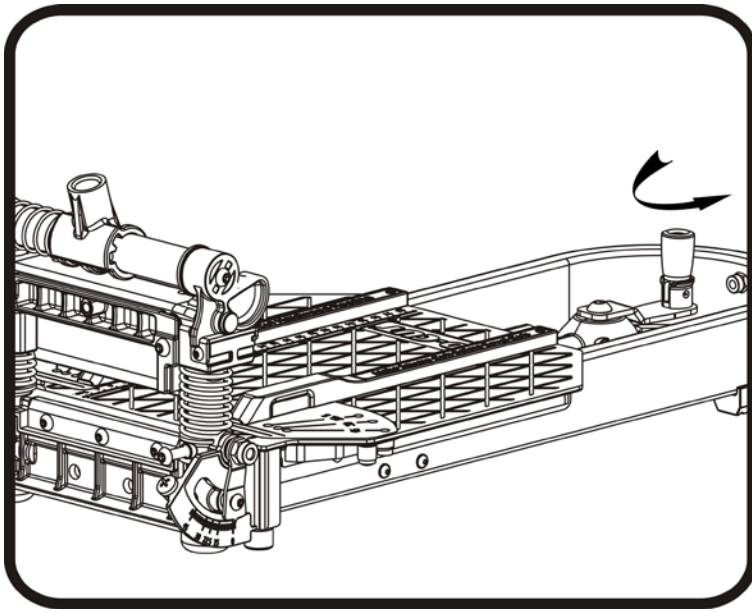


**WARNING: FAILURE TO FOLLOW THESE RULES MAY RESULT IN SERIOUS INJURY! USING THIS MACHINE WITH RESPECT AND CAUTION WILL CONSIDERABLY LESSEN THE POSSIBILITY OF PERSONAL INJURY.**

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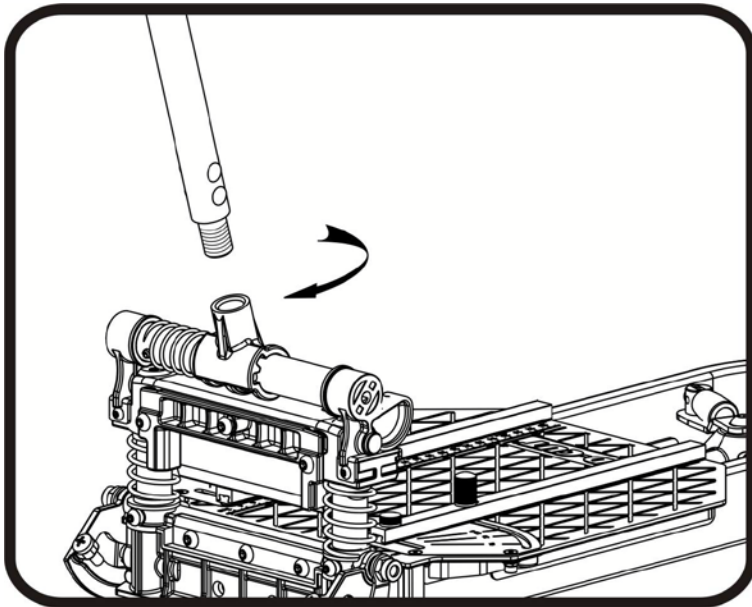
## **SAFETY RULES FOR THE FLOORING CUTTER**

- 1. READ AND UNDERSTAND THIS INSTRUCTION MANUAL BEFORE OPERATING THE D-Cut MULTI-FLOORING CUTTERS.**
2. If you are not thoroughly familiar with the operation of D-Cut Multi-flooring Cutter, obtain advice from a qualified instructor or call 630-916-9100 USA
3. Stay alert. Do not operate while under the influence of drugs, alcohol, or medication.
4. Always wear safety approved eye protection with side shields(ANSI Z87.1)
5. Keep work area free of debris.
6. Keep children and unauthorized persons away from the D-Cut Multi-flooring Cutter and work area.
7. Make sure tool is secure. Operate only on a firm substrate or solid stand.
8. Use the right tool. Do not force the D-Cut Multi-flooring Cutter or use it for a job for which it was not designed; use only on approved materials.
9. Keep the blade sharp. A dull blade will not perform properly.
10. Always keep hands away from blade while operating or carrying the cutter.
11. Do not alter or misuse this tool. The D-Cut Multi-flooring Cutter is precision built; modifications not specified in this manual may result in a dangerous and unsafe environment.
12. Maintain the D-Cut Multi-flooring Cutter with care. Keep Blade sharp and clean. Follow instructions for changing accessories.
13. Use only recommended accessories. The use of improper accessories may be hazardous and cause injuries.
14. Never leave the D-Cut Multi-flooring Cutter unattended. Secure the handle with the lock chain when not in use.



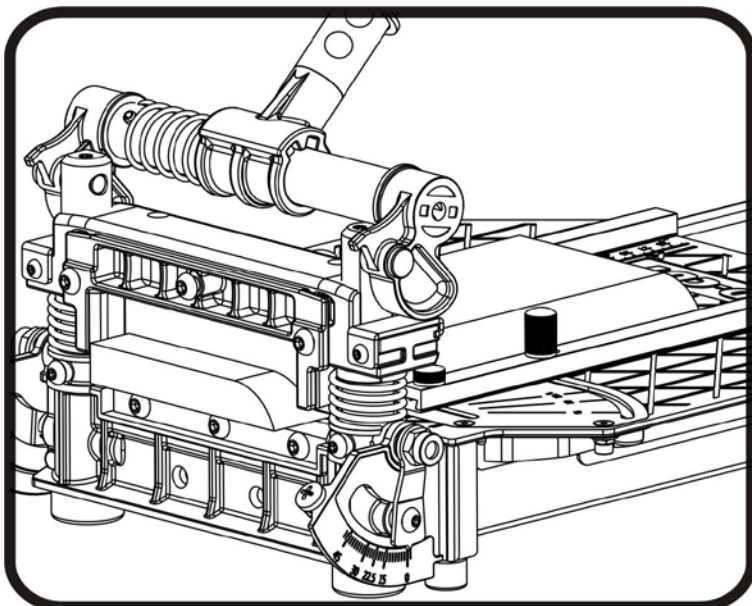
### Adjust the Cutter Head Position

Turn the handle counter-clockwise as shown to change the cutter head to the vertical position.



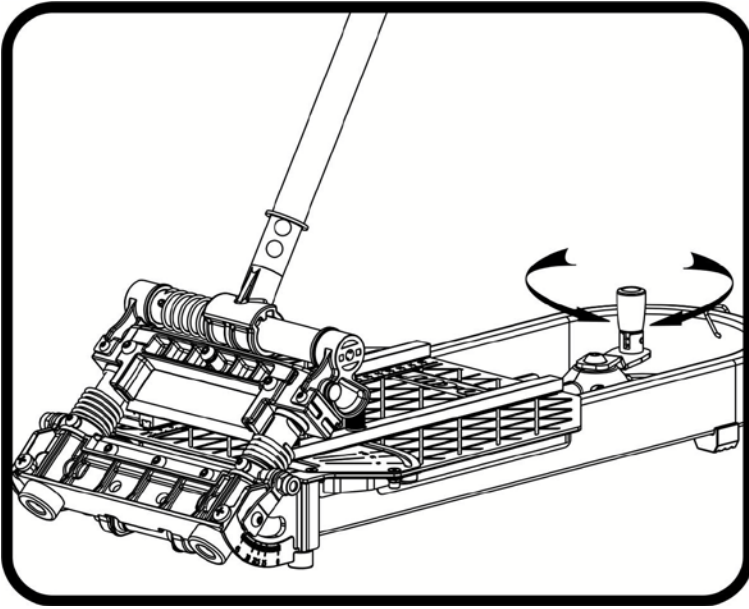
### Handle Assembly

Thread the handle to the handle base as shown.



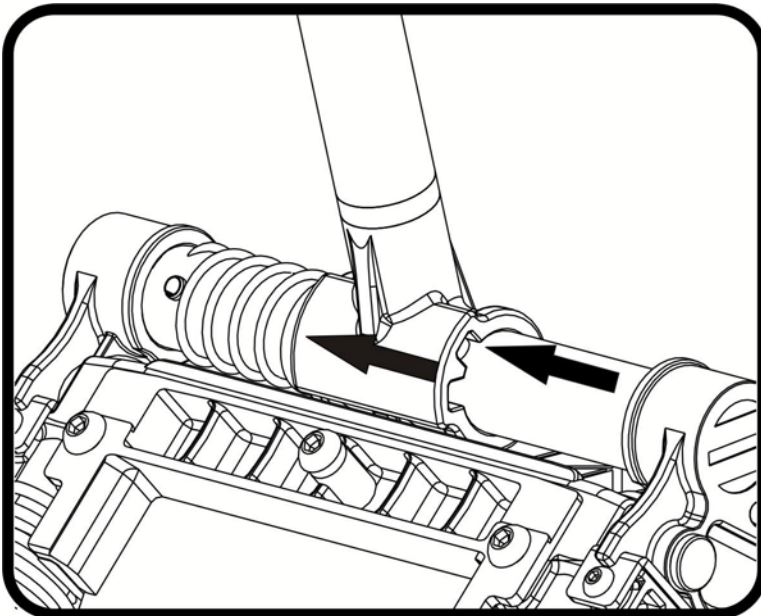
### Square (vertical) Cut

Place the work-piece along the angle attachment on the table and align the blade to the mark where needs to be cut. Then press the handle down to complete the cut.



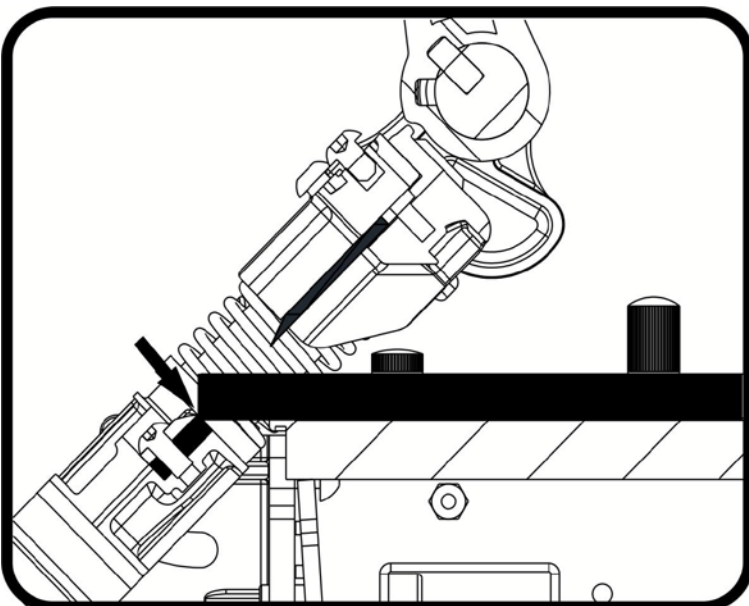
### Mitre Cut (1)

Change the cutting head to the desired angle as shown.



### Mitre Cut (2)

There are two slots on the handle base as shown. One of them is for vertical cut and another is for angle cut. Push the handle to right in order to change the position as shown.

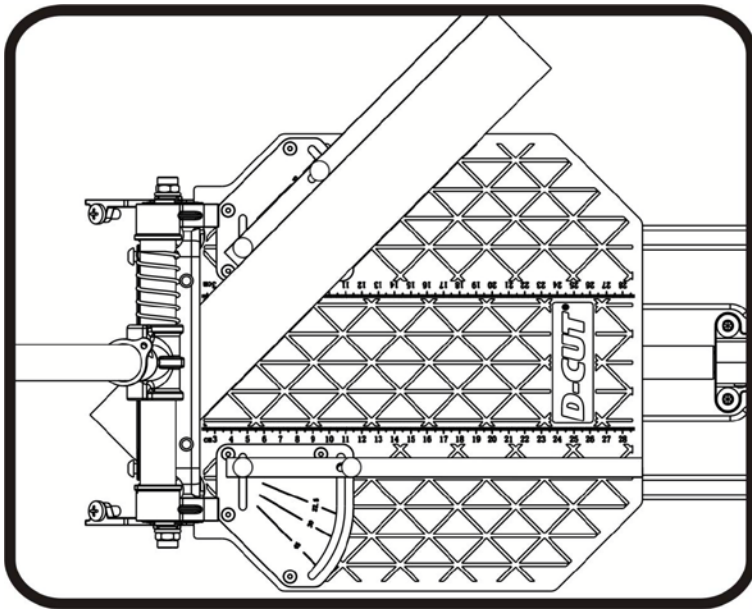


### Mitre Cut (3)

The work-piece must stop at/against the nylon board as shown before making a mitre cut, to ensure an accurate angle cut.

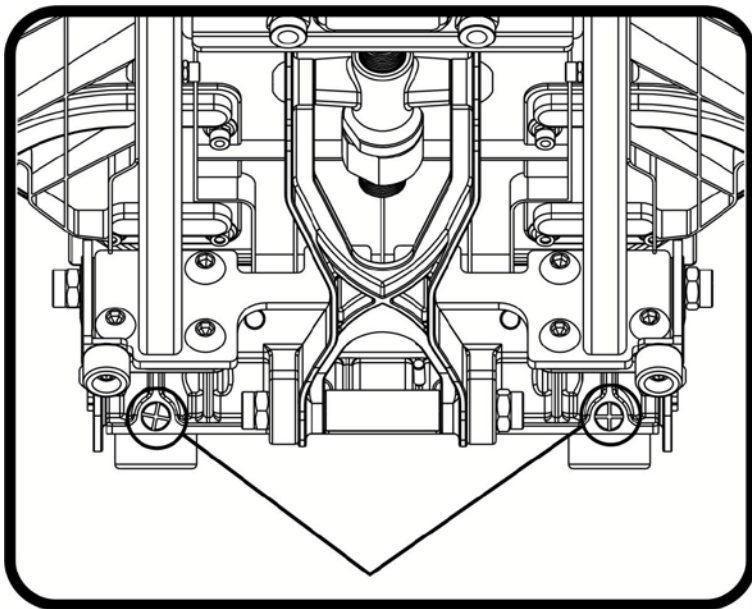
### Warning:

Always making a square (vertical) cut **BEFORE** making a mitre cut. The blade damage may occur if making a mitre cut on the work-piece directly.



### Angle Cutting

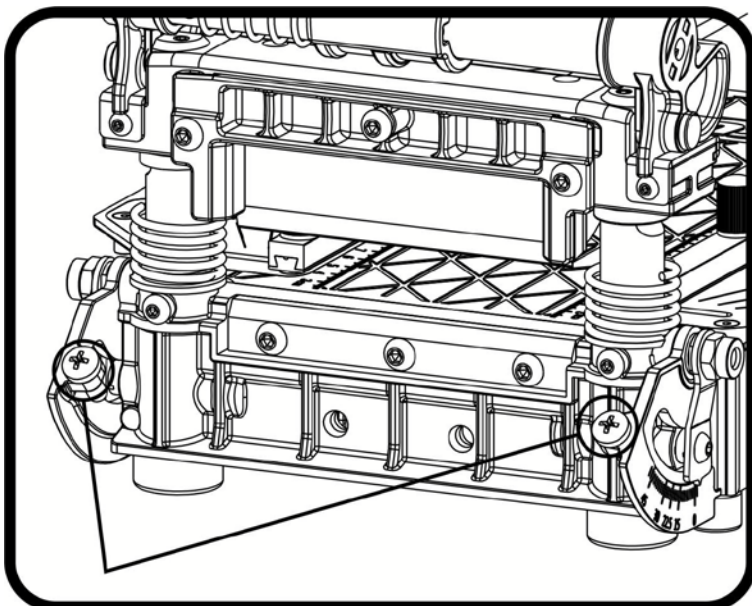
Change the angle attachment to the desired angle and place the work-piece along the attachment. Press down the handle to complete the cut.



### Accuracy Micro Adjustment (1)

In case the cutting accuracy is off set, two screws under the working table can be adjusted in either direction as shown. Also these two screws are used to obtain minus 2 degree if needed.

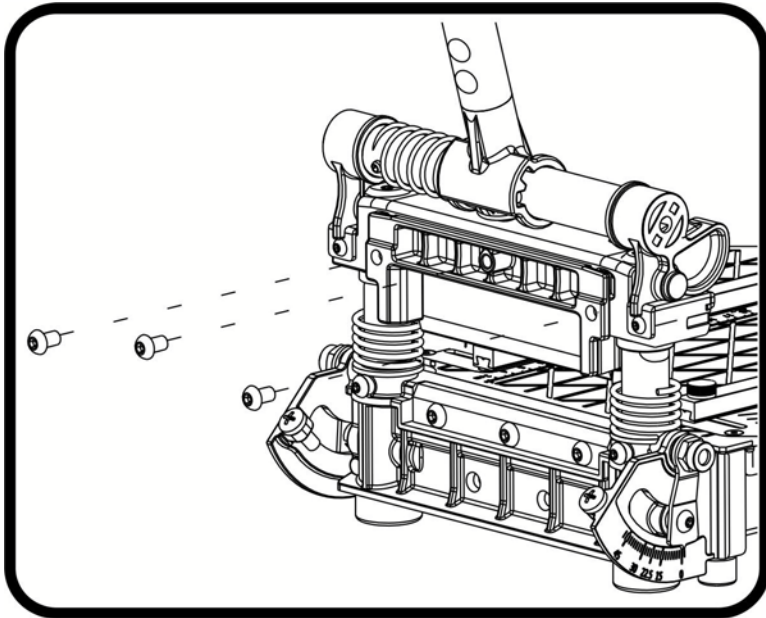
Note: when adjusting the screws, the turning amount between these two screws must be same in order to keep the cutting accuracy and the balance.



### Accuracy Micro Adjustment (2)

When a 46 or 47 degree is needed, two screws in the front of the head as shown can be adjusted.

Note: when adjusting the screws, the turning amount between these two screws must be same in order to keep the cutting accuracy and the balance.

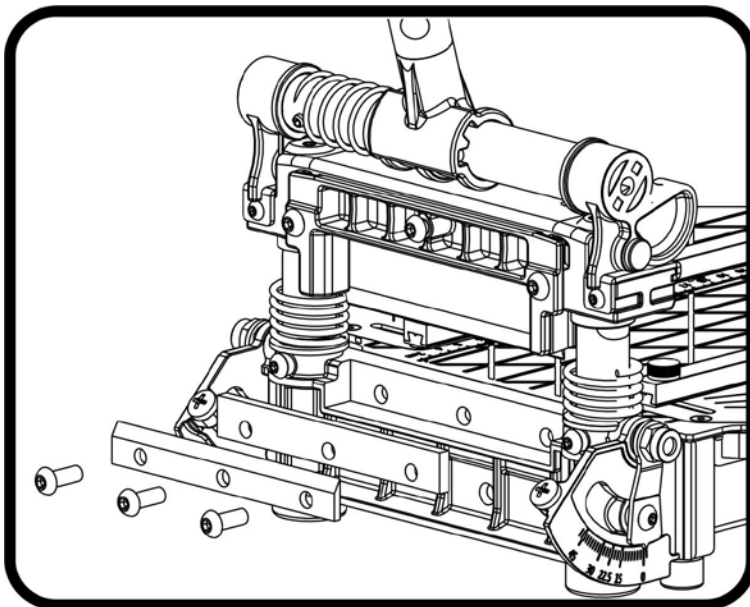


### Changing the Blade

Use the provided Allan wrench to remove the three screws, then hold the blade by each end and carefully remove the blade out of blade holder.

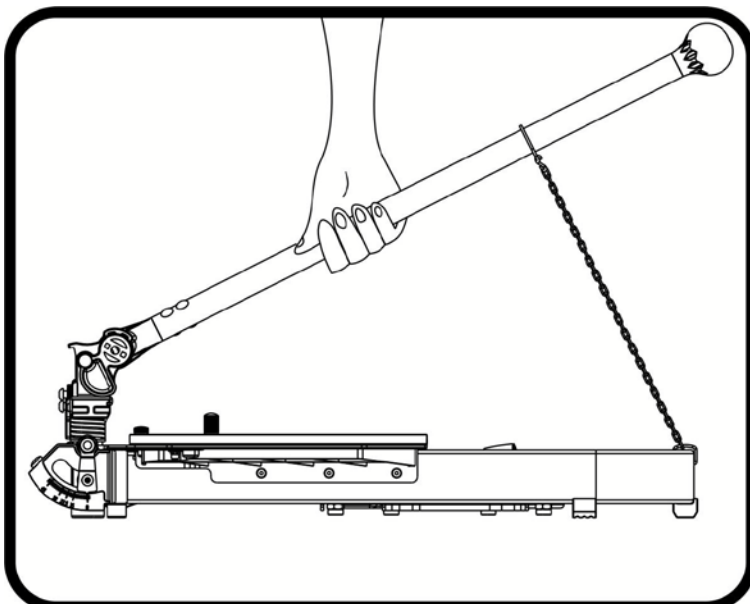
**Note:** when putting a new blade on, keep the flat side of the blade facing the table.

**Warning:** Do not put your fingers against the sharp edge of the blade at any time.



### Changing the Nylon board

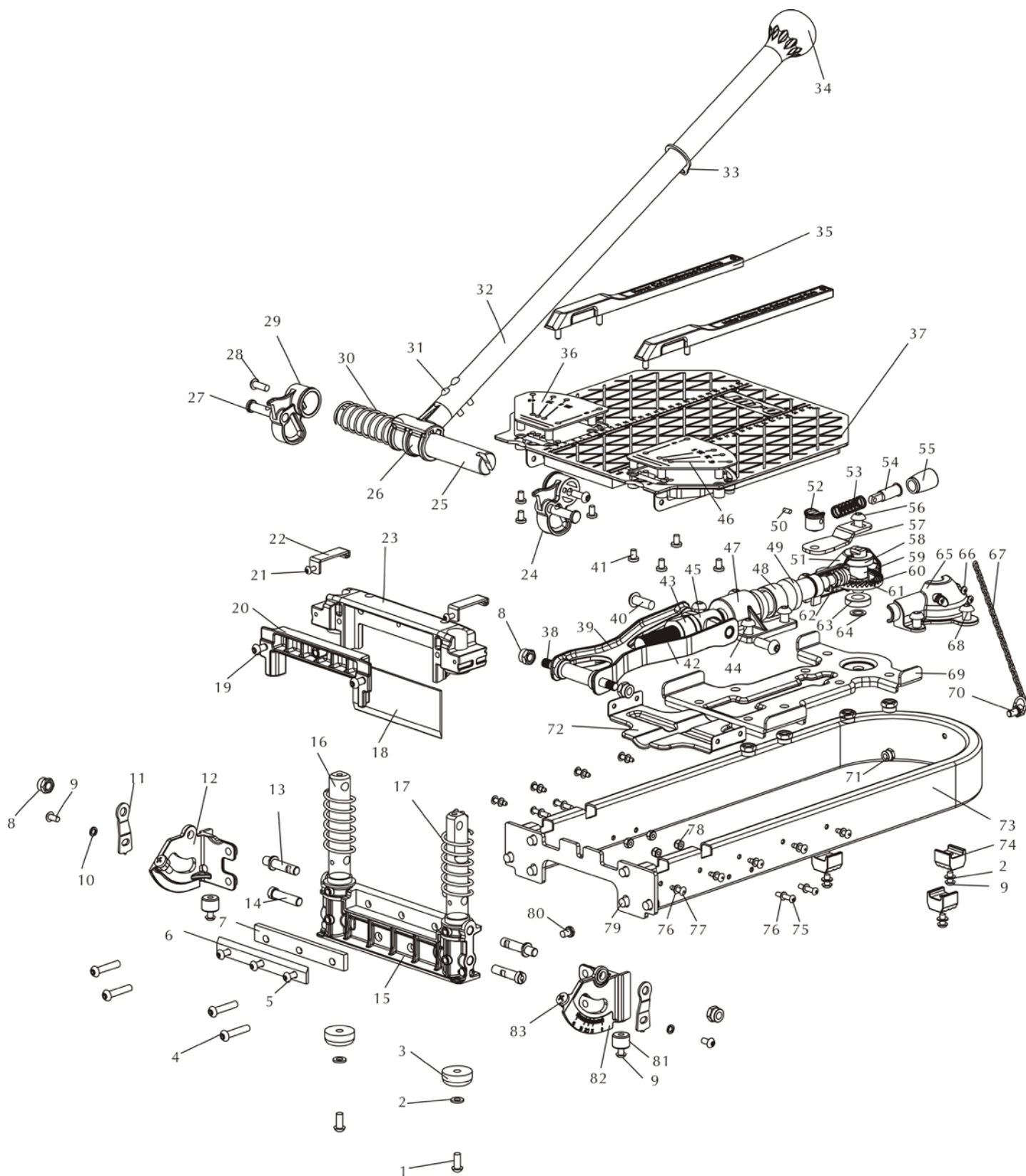
Use the provided Allan wrench to remove the three screws to change the nylon board.



### Carry

Hook the chain to the ring on the handle and carry the cutter as shown.

# Part List



# Part List

	Parts	Q'ty		Parts	Q'ty
1	Hex Screw M6 x 14	2	43	Adjusting Nut M8	1
2	Washer $\phi$ 5	5	44	Hex Screw M8 x 14	4
3	Rubber Pad A	2	45	Connector	1
4	Hex Screw M6 x 30	4	46	Angle Board B	1
5	Hex Screw M5 x 20	3	47	Bearing Base	1
6	Nylon Hold Bar	1	48	Bearing Barrier	1
7	Nylon Block	1	49	Bearing 6903Z	2
8	Locker Nut M8	10	50	Pin	1
9	Hex Screw M5 x 10	7	51	Gear Box Cover A	1
10	Spring Washer	2	52	Rocking Handle Base	1
11	Pointer	2	53	Spring C	1
12	Rotating Board A	1	54	Rotating Pin	1
13	Customized Bolt M8-A	2	55	Handle B	1
14	Bolt M8	2	56	Hex Screw M8 x 10	1
15	Front Base	1	57	Rocking Handle Connection	1
16	Guide God	2	58	Bearing 6902Z	1
17	Spring A	2	59	Gear Shaft	1
18	Blade	1	60	Bevel Gear A	1
19	Hex Screw M6 x 10	2	61	Bevel Gear B	1
20	Blade Holder	1	62	Bearing 696Z	1
21	Hex Screw M4 x 12	2	63	Bearing 6901Z	1
22	Eccentric Cam Pad	2	64	Washer	1
23	Blade Base	1	65	Gear Box Cover B	1
24	Eccentric Cam A	1	66	Screw ST3.5 x 22	3
25	Eccentric Cam Base	1	67	Chain	1
26	Handle A Base	1	68	Hex Screw M8 x 12	4
27	Rotating Shaft	2	69	Base Plate	1
28	Hex Screw M6 x 16	2	70	Customized Screw	1
29	Eccentric Cam B	1	71	Locker Nut M6	1
30	Spring B	1	72	Protecting Plate	1
31	Rivet A	2	73	Main Base	1
32	Handle A	1	74	Rubber Foot	3
33	Hook A	1	75	Hex Screw M4 x 20	4
34	Ball Handle	1	76	Washer $\phi$ 4	14
35	Gauge	2	77	Rivet B	10
36	Angle Board A	1	78	Locker Nut M4	4
37	Working Table	1	79	Hex Screw M8 x 10	6
38	Connecting Rod	1	80	Adjusting Screw M6	2
39	Rotating Connection	1	81	Rubber Pad B	2
40	Customized Bolt M8-B	2	82	Rotating Board B	2
41	Hex Screw M5 x 8	8	83	Cross Screw M4 x 16	2
42	Output Shaft	1			



