

PART NAME

TE-106M Lightweight Manipulator



Chapter 1: Function

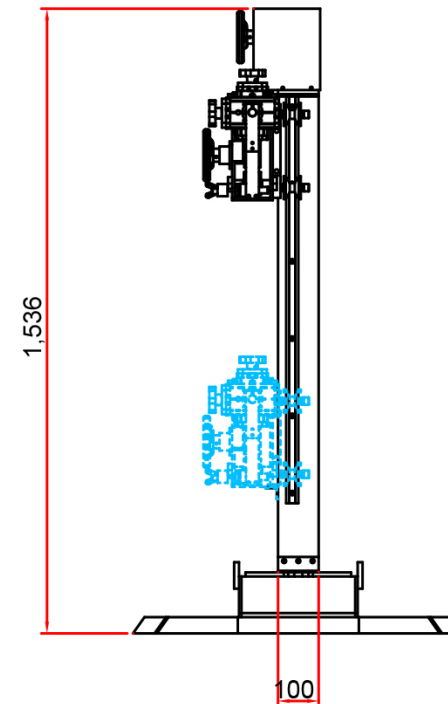
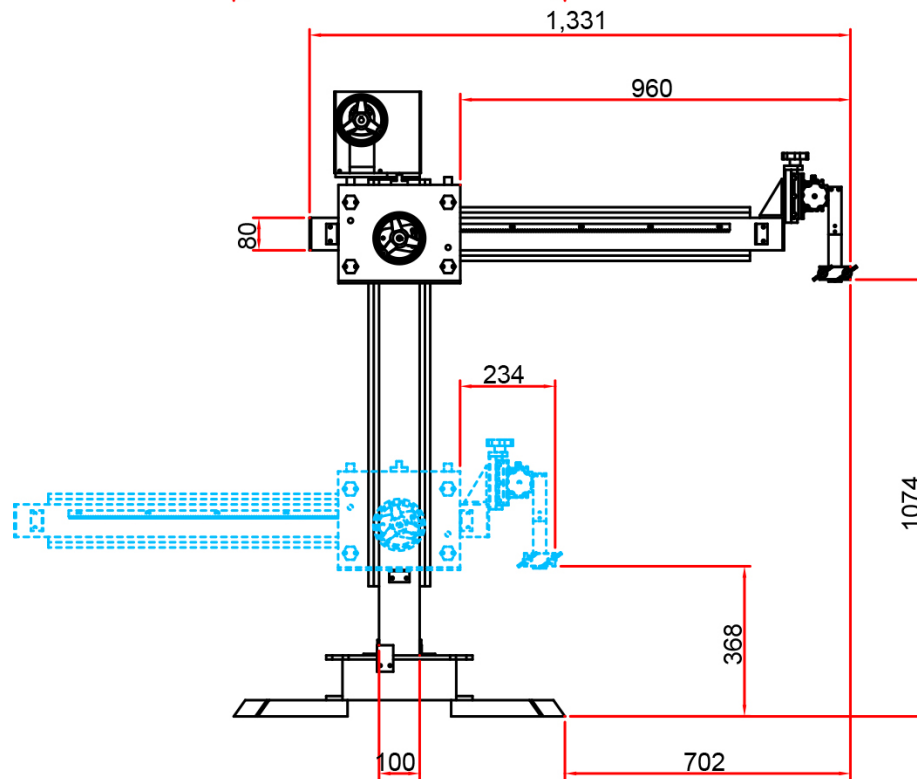
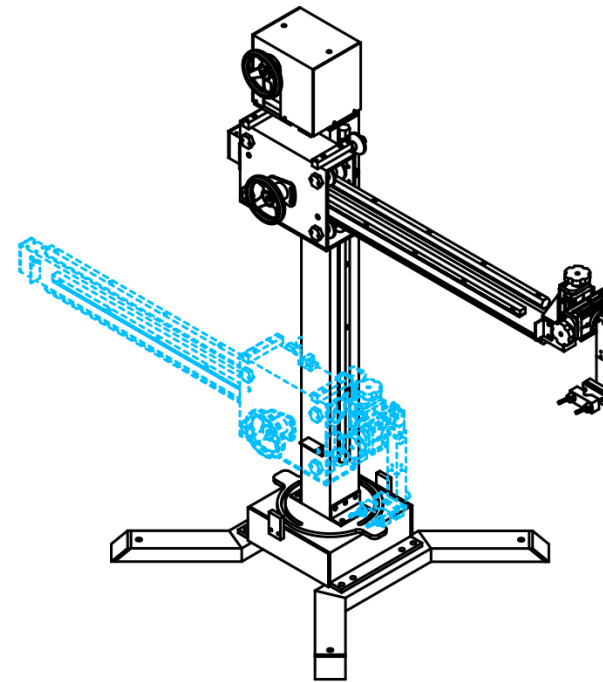
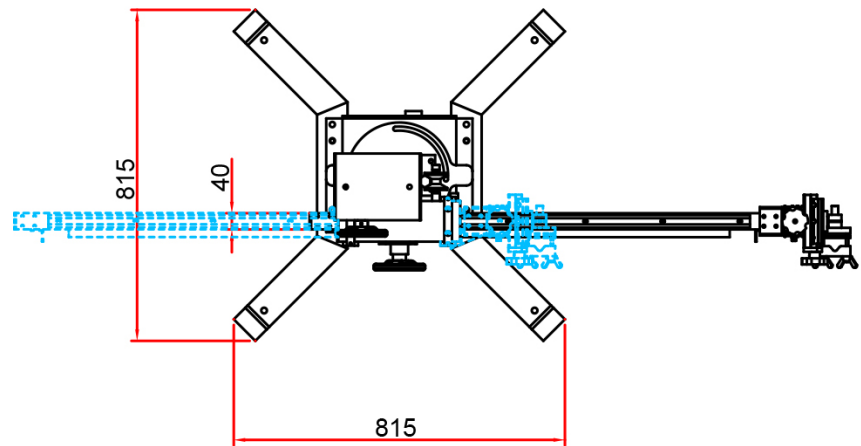
1.1

Function

Specification / model	BS-106M
Boom Horizontal Stroke	700mm.
Boom Horizontal Operation	MANUAL
Boom Vertical Stroke	700mm.
Boom Vertical Operation	MANUAL
Boom Swing Angle	180°
Boom End Max. Load	30kgs
Torch adjustment	TE-X75Y75C
Torch Level Stroke	75 mm
Torch Vertical Stroke	75 mm
Torch Swing Angle	180°(2 Space)
The torch highly keeps	N/A
The torch highly keeps Stroke	N/A
Size(mm.)	L1255*W392*H1500
NW./ GW.	52kgs / 85kgs

1.2

Size



UNIT: mm

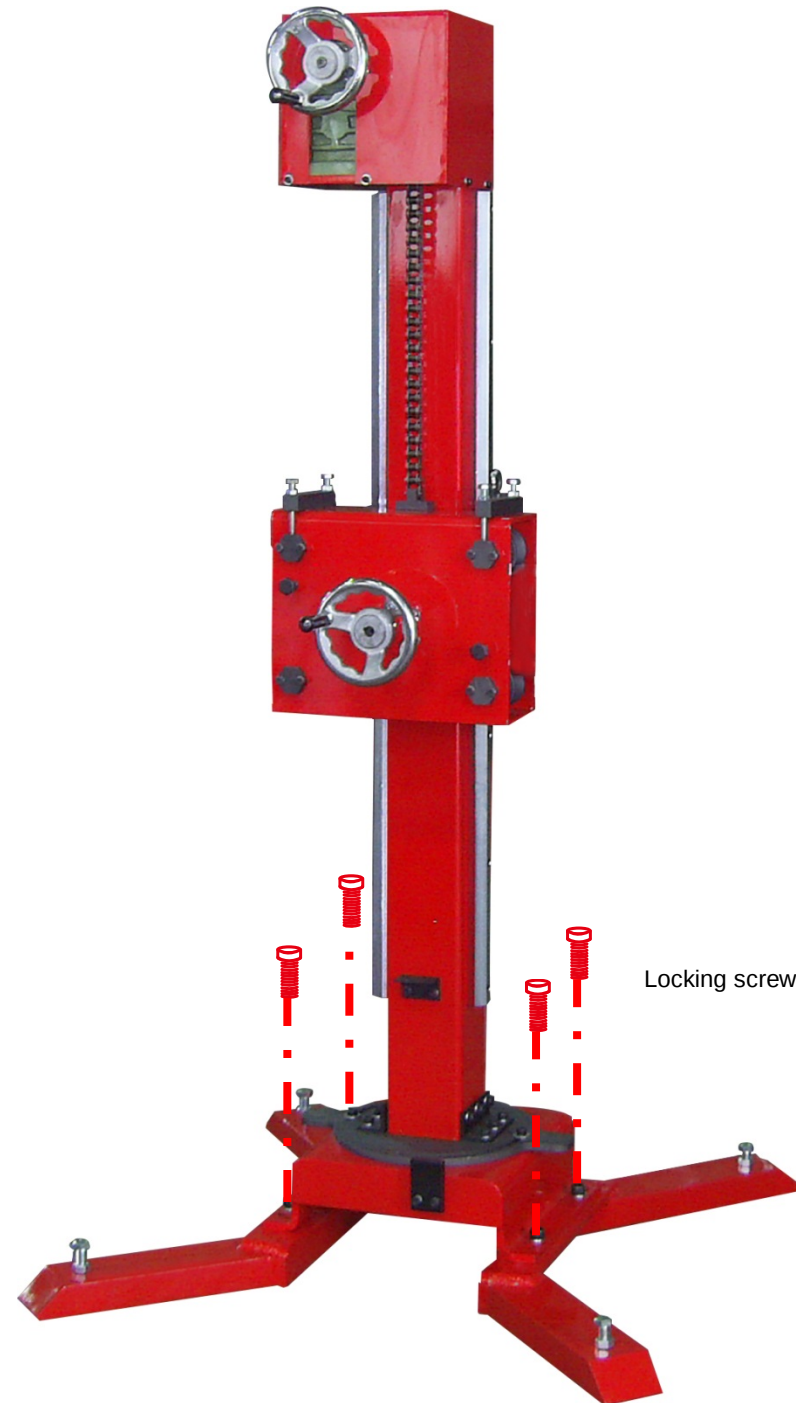
Chapter 2 : Safe and explaining



Chapter 3: Installation

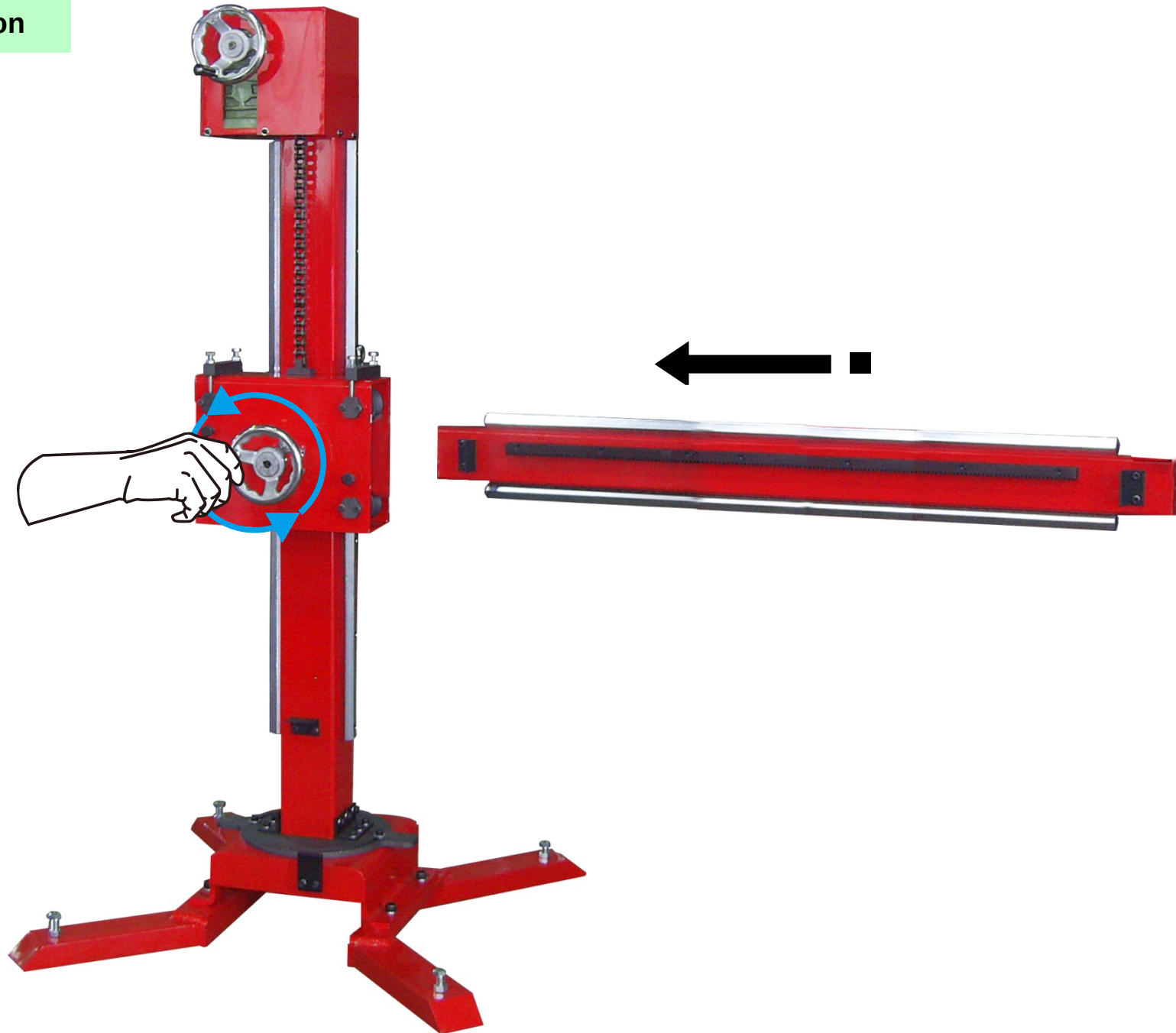
3.1

Foot installation



3.2

Arm installation



3.3

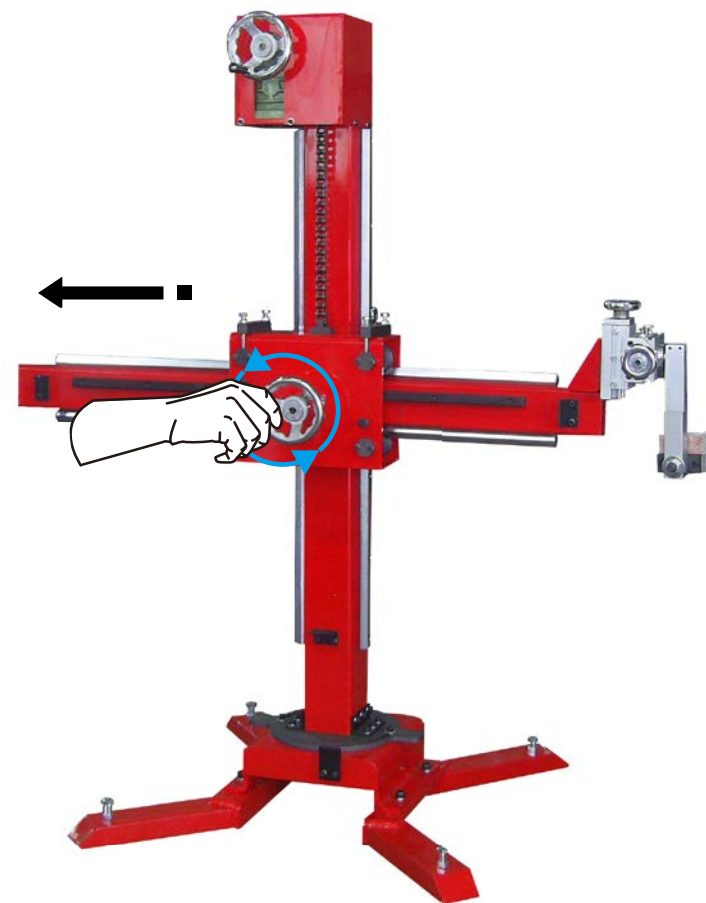
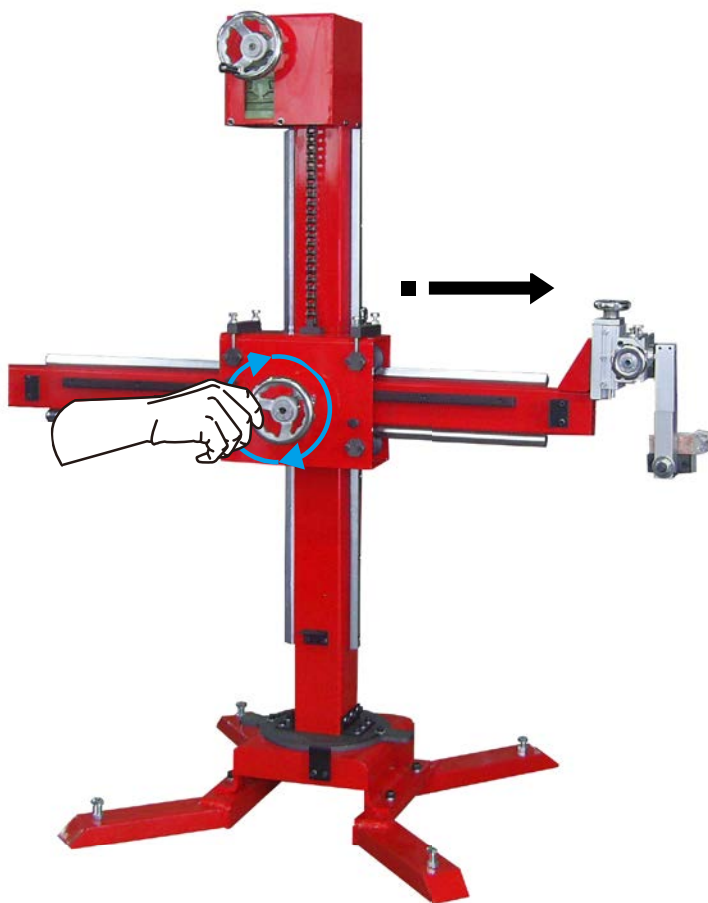
TE-XYC installation



Chapter 4: Operation

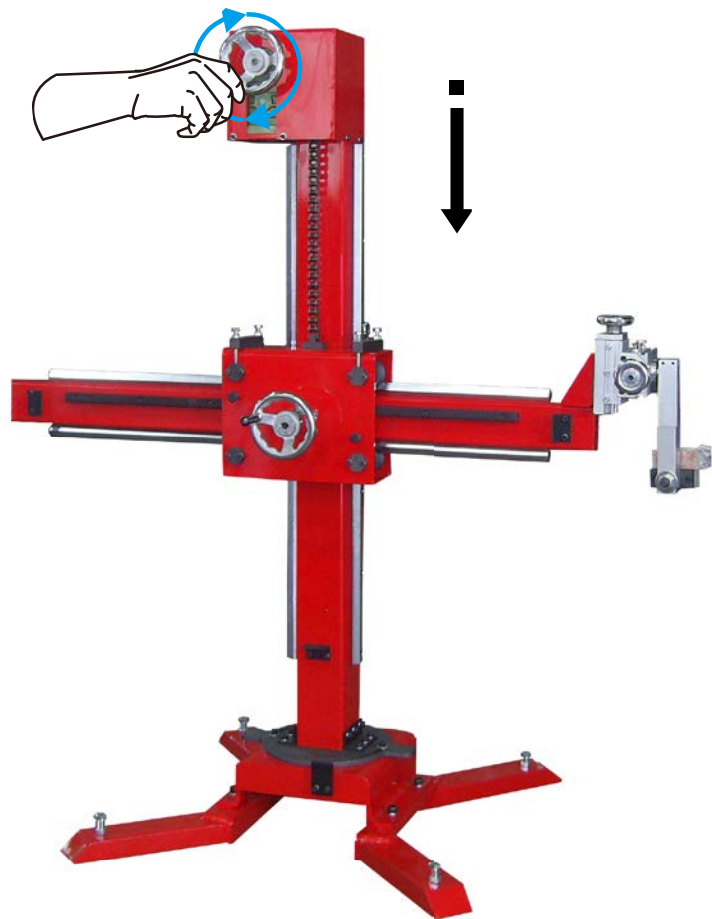
4.1

X-axis move



4.2

Y-axis move



4.3

Boom Swing Angle



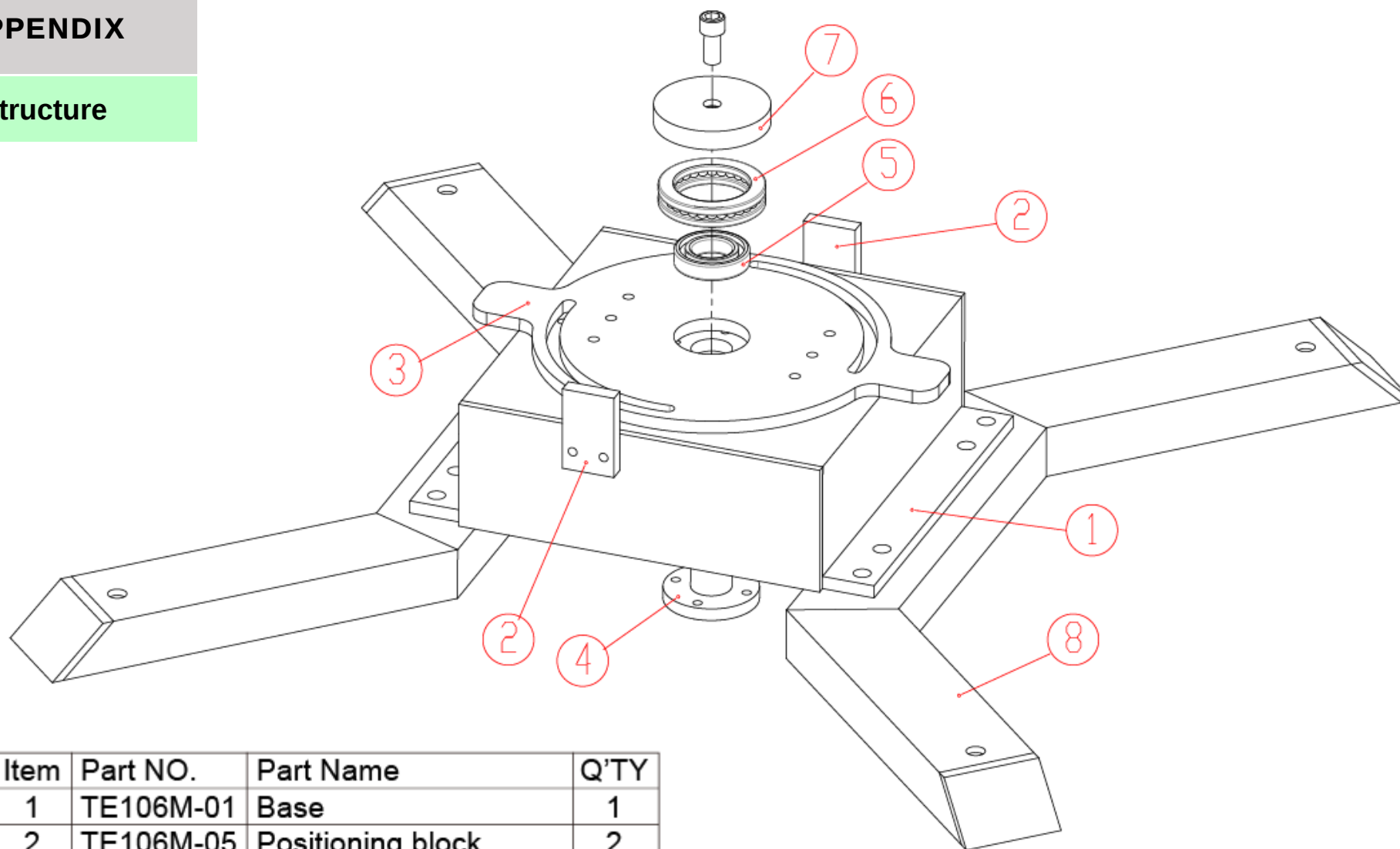
4.4

Screw lock



APPENDIX

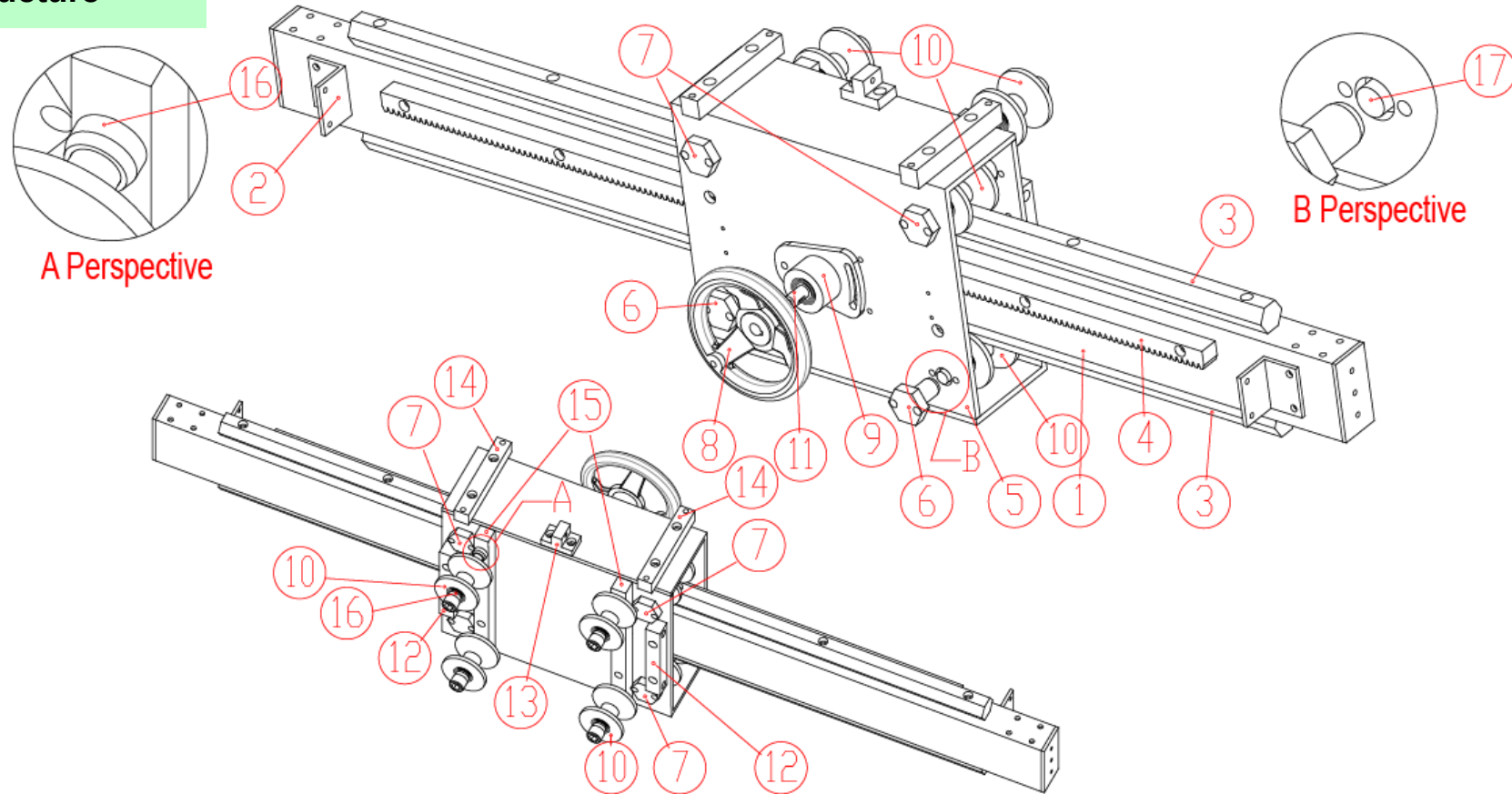
Structure



Item	Part NO.	Part Name	Q'TY
1	TE106M-01	Base	1
2	TE106M-05	Positioning block	2
3	TE106M-04	Turntable	1
4	TE106M-02	Axis of rotation	1
5	01BL-6006	Bearing	1
6	01BL-51111	Bearing	1
7	TE106M-03	Positioning plate	1
8	TE106M-35	Tripod	2

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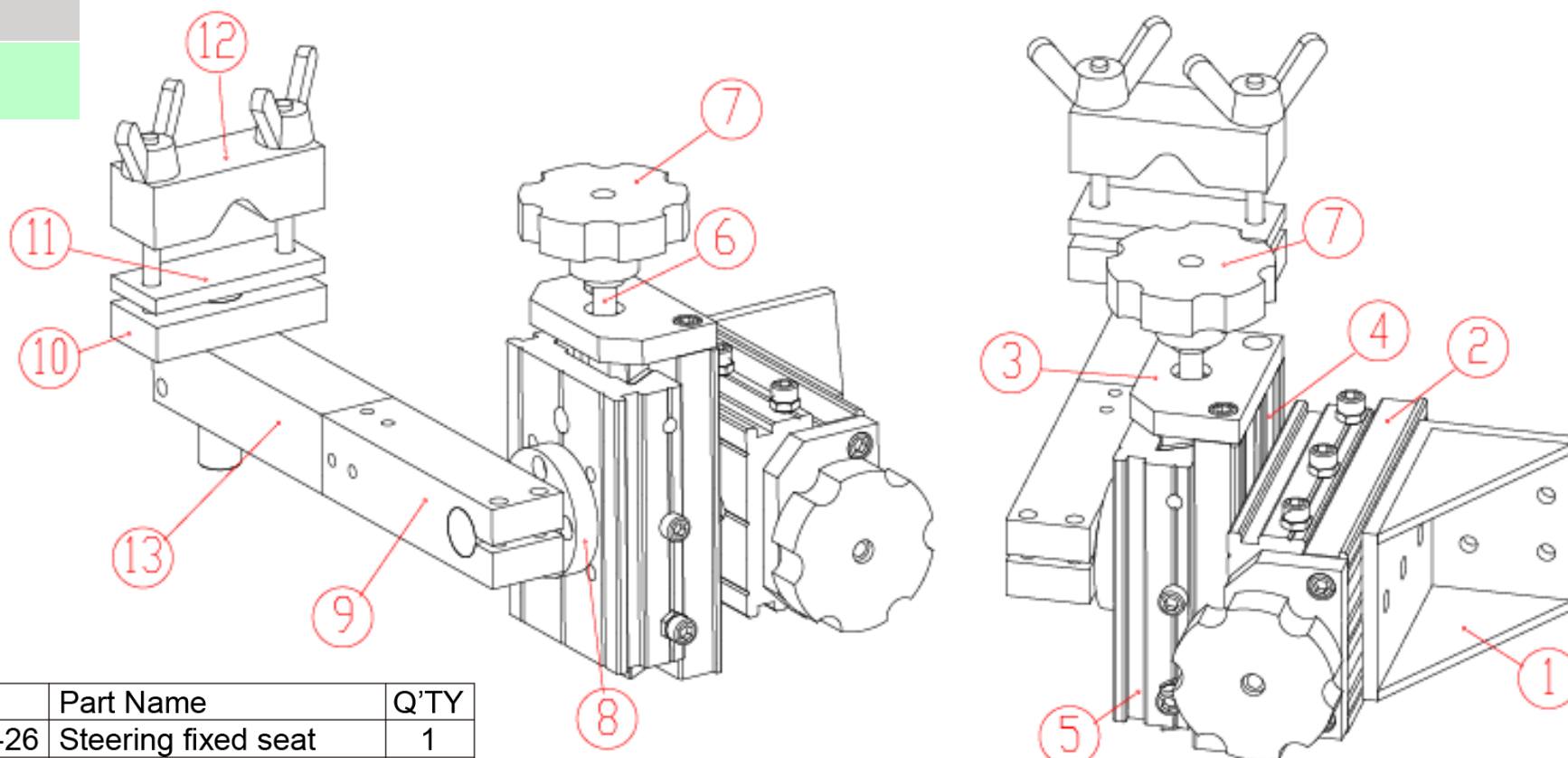
Structure



Item	Part NO.	Part Name	Q'TY	Item	Part NO.	Part Name	Q'TY	Item	Part NO.	Part Name	Q'TY
1	TE106M-17	Sliding column	1	9	TE106M-10	Drive fixed seat	1	17	TE106M-13	Sliding shaft	4
2	TE106M-25	Touch angle iron	1	10	TE106M-18	Pulley	8	18	TE106M-36	Rotating seat	2
3	TE106M-07	Slider strip	2	11	TE106M-09	Transmission gear	1	19	TE106M-37	Rotating arm	1
4	TE106M-08	Long gear strip	1	12	TE106M-21	Lateral compression block	2	20	TE106M-45	Fixed seat	1
5	TE106M-12	Mobile seat	1	13	TE106M-22	Chain connection seat	1				
6	TE106M-14	Shaft fixing block	4	14	TE106M-16	Compression block	2				
7	TE106M-14	Shaft fixing block	4	15	TE106M-19	Side fixing strip	2				
8	TE106M-11	Rotary handle(5")	1	16	TE106M-20	Lining ring	8				

APPENDIX

Structure



Item	Part NO.	Part Name	Q'TY
1	TE106M-26	Steering fixed seat	1
2	TEL75-2	Moving sliding plate	1
3	TEL75-3	Slide baffle	2
4	TEL75-1	Sliding plate base	2
5	TE106M-27	Z direction sliding plate	1
5-1	TEL75-7	Moving strip	1
6	TEL75-5	Screw	2
7	TEL75-4	Handwheel	2
8	TE106M-31	Lengthen block base	1
9	TE106M-32	Upper gun block	1
10	TEC02	Torch seat	1
11	TEC04	Cushion	1
12	TEC03	Fixed block	1
13	TE106M-34	Lower gun block	1

APPENDIX

Structure

Item	Part NO.	Part Name	Q'TY
1	TE106M-A2	Sliding group	1
2	DM-W50R60B	Worm gear reducer	1
3	TE106M-07	Slider strip	2
4	TE106M-23	Drive sprocket	1
5	TE106M-A3	Welding gun group	1
6	TE106M-06	Lifting column	1
7	TE106M-29	Driving wheel	1
8	TE106M-A1	Base set	1
9	TE106M-28	Cover	1
10	TE106M-33	Reducer base	1
11	TE106M-25	Touch angle iron	1

