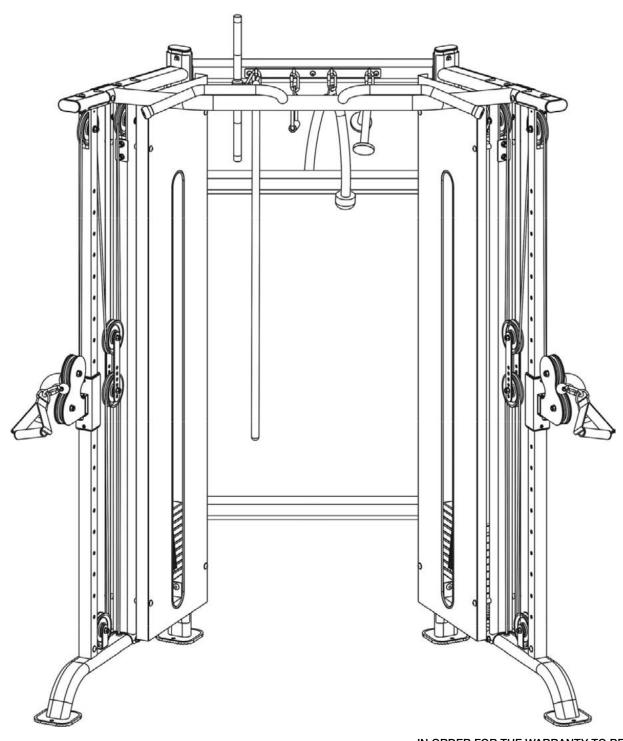
FUNCTIONAL TRAINER FT3100

(Code: 91640)

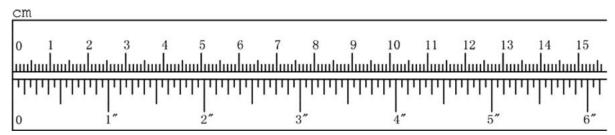
Assembly instructions



IN ORDER FOR THE WARRANTY TO BE VALID, PLEASE, BEFORE YOU BEGIN ASSEMBLING AND USING THE MACHINE, READ THIS INSTRUCTIONS.

	BOLTS, WASHERS AND NUTS							
#	PCS	DESCRIPTION	DRAWING					
36	4	M10x25mm Allen bolt		44	20	M10x16mm Allen bolt		
37	32	M10x60mm Carriage bolt		45	3	M8x55mm Allen bolt		
38	2	M10x90mm Allen bolt		46	6	Ø8mm Washer	0	
39	8	M10x100mm Allen bolt		47	3	M8 Aircraft nut		
40	2	M10x65mm Allen bolt		48	104	Ø10mm Washer	0	
41	6	M10x50mm Allen bolt		49	54	M10 Aircraft nut		
42	6	M10x45mm Allen bolt		50	4	Ø12mm Washer		
43	12	M10x25mm Allen bolt		51	1	M12 Aircraft nut		
_	3	#5, #6 & #8 Allen wrenches						

The above drawings are not in full size. Please use the ruler below in order to measure them and use the correct one for each assembly step.



	PARTS LIST							
#	PCS	DESCRIPTION	DRAWING					
1	2	Rear Post						
4	2	Middle Support Frame						
5	2	Front Support Frame						
10		Chin up bar frame						
8	4	Guide Rod						

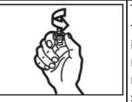
#	PCS	DESCRIPTION	DRAWING					
9	2	Guide Rod Holder		11	1	Hook Frame	[0 H 0 H 0]	
3	2	Lower Connecting Frame		7	1	Upper Connecting Frame		
2	2	Base Frame		6	2	Upper Frame		
16	1	Left Inside Weight Stack Cover						
17	1	Left Outside Weight Stack Cover						
18	1	Right Inside Weight Stack Cover					80.	
19	1	Right Outside Weight Stack Cover					80	
12	1	Right Sliding Frame		20	6	L- Shaped Cable Protector	6	
13	1	Left Sliding Frame		21	10	Flat Bracket		
14		Cross Double Floating Pulley Bracket		25	4	Bracket	ه ه	
15	4	Double Pulley Bracket	(o 00000)	26	2	Arc Bracket		
23	8	Axle Ø16×M10×65		24	8	Axle Ø16×M10×35		

#	PCS	DESCRIPTION	DRAWING					
28	8	Rubber Bumper 40xØ20x15		27	4	Shock Spring Ø33xØ21xØ6 x70		
31	4	Weight Stem Guide Sleeve		33	2	Ø10×80 Magnet Pin	d	
29	18	5kg Selector Stem 90×320		30	2	4kg Selector Stem 90×270		
22	2	Selector Rod	(deadadadada)	67	3	15 Joints Chain	STATE OF THE PARTY	
34	16	Pulley Ø114		35	2	M18×1.5ר12 T- Shaped Pin		
52	2	Upper Cable		53	2	Adjustment Cable		
66	12	C-Shaped Lock Ring Ø7×66		70	1	Triceps Rope/ double knobs		
68	2	Single Strap		69	2	D-Shaped Single Strap		
72	1	V-shaped Handle		73	1	Upright Handle		
71	1	Push-pull Bar	_					

ΕΙΚΟΝΙΔΙΑ ΣΥΝΑΡΜΟΛΟΓΗΣΗΣ ΕΚΑΣΤΟΥ ΒΗΜΑΤΟΣ



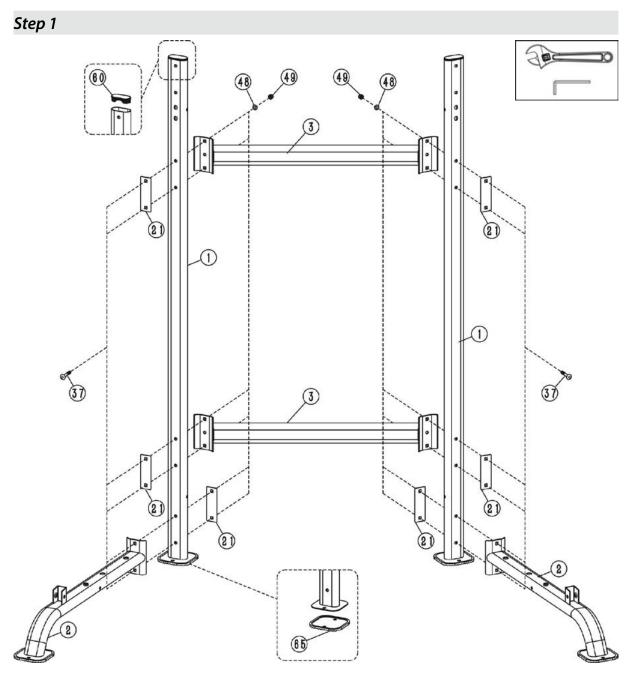
The icon indicates the spanner can be directly used to tighten and secure during assembly.



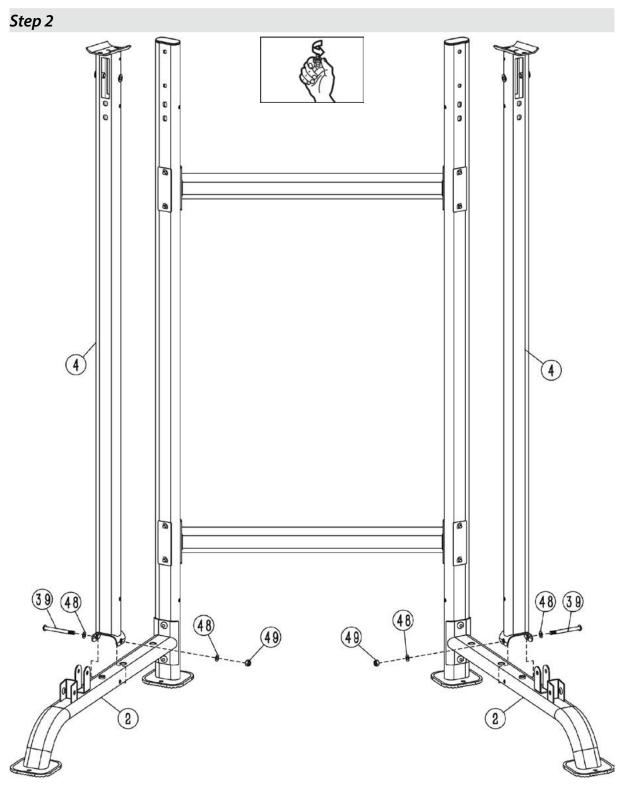
The icon indicates turn the bolt by hand during assembly, but do not tighten them so as not to affect next assembly step.

ASSEMBLY

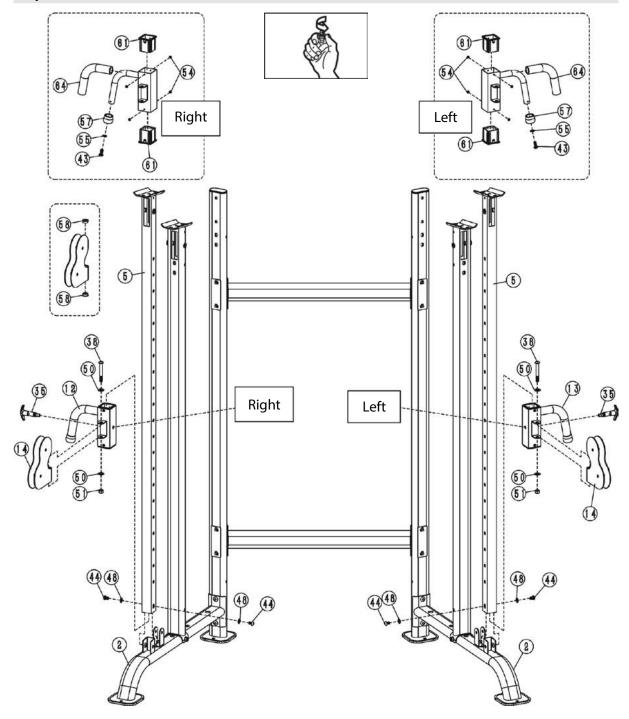
It is strongly recommended to assemble the equipment by two or more people, otherwise it may cause serious injury.



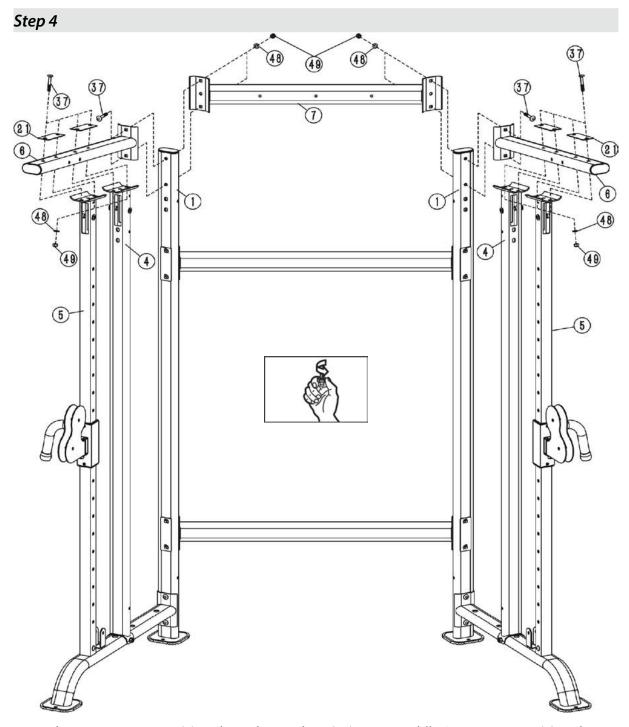
- Attach 2 x Base Frame (2) and 2 x Flat Bracket (21) to 2 x Rear Post (1) respectively using 2 x M10×60mm Carriage Bolts (37), 2 x φ10mm Washers (48) and 2 x M10 Aircraft Nuts (49).
- Attach 2 x Lower Connecting Frame (3) and 2 x Flat Bracket (21) to 2 x Rear Post (1) respectively using 4 x M10×60mm Carriage Bolts (37), 4 x Ø10mm Washers (48) and 4 x M10 Aircraft Nuts (49).
- Notes: The parts #60 and #65 are pre-assembled.



• Attach 2 x Middle Support Frame (4) to 2 x Base Frame (2) respectively using 2 x M10×100mm Allen Bolts (39), 2 x Ø10mm Washers (48) and 2 x M10 Aircraft Nuts (49).



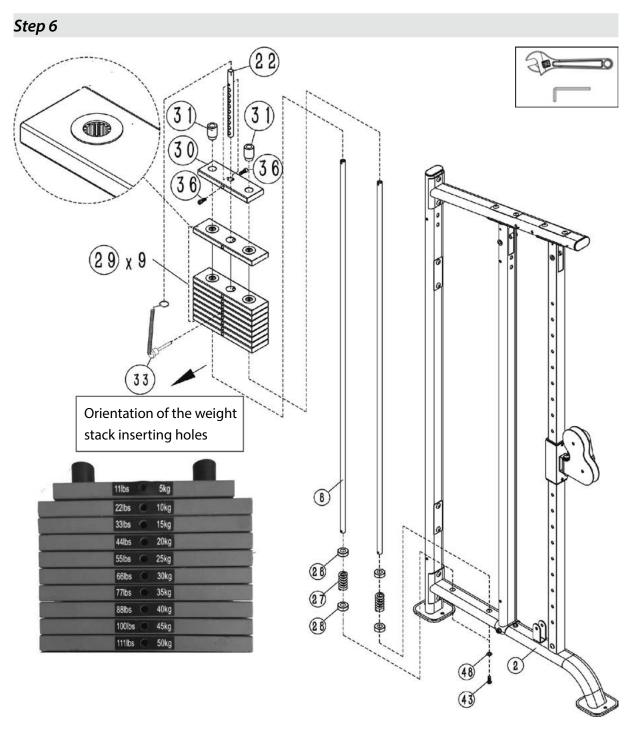
- Put 2 x Front Support Frame (5) through the L & R Sliding Frames (12, 13) and respectively screw 1 x M18×1.5ר12 T-shaped Pin (35) in the bolts of the L & R Sliding Frame (12, 13), then secure the M18×1.5ר12 T-shaped Pin (35) to facilitate the L & R Sliding Frame (12) are adjustable on the Front Support Frame (5).
- Put the U-shaped brackets of 2 x Base Frame (2) through 2 x Front Support Frame (5) respectively, and then fix 2 x Front Support Frame (5) to 2 x Base Frame (2) respectively using 2 x M10×16 Allen Bolts (44) and 2 x Ø10mm Washers (48).
- Fix 2 x Double Floating Pulley Bracket (14) to the L & R Sliding Frame (12, 13) using 1 x M12×90mm Allen Bolts (38), 2 x Ø12mm Washers (50) and 1 x M12 Aircraft Nut (51).
- **Notes:** Parts #43, #54, #55, #57, #58, #61 and #64 are pre-assembled.



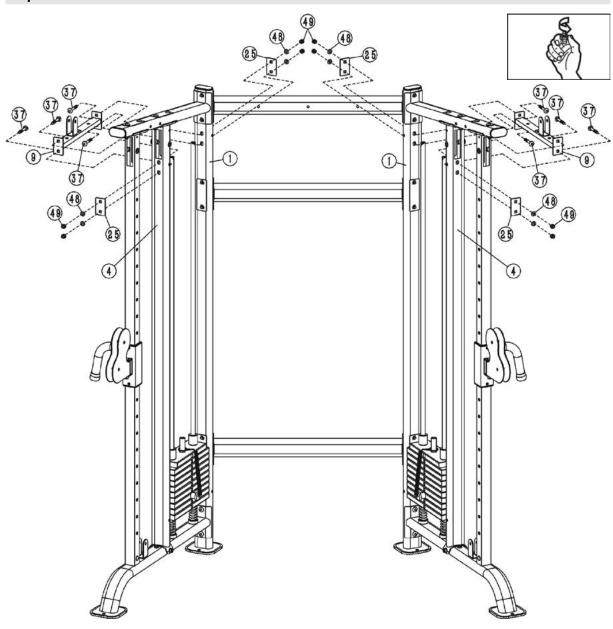
- Attach 2 x Upper Frames (6) and 2 x Flat Brackets (21) to 2 x Middle Support Frame (4) and Front Support Frame (5) respectively using $4 \times M10 \times 60 \text{mm}$ Carriage Bolts (37), $4 \times \emptyset 10 \text{mm}$ Washers (48) and $4 \times M10$ Aircraft Nuts (49).
- Connect 1 x Upper Connecting Frame (7) to 2 x Rear Post (1) and 2 x Upper Frame (6) using 4 x M10×60mm Carriage Bolts (37), 4 x Ø10mm Washers (48) and 4 x M10 Aircraft Nuts (49).

Step 5 Orientation of the weight stack inserting holes (8) 5kg 22lbs 10kg 15kg 20kg 25kg 28 30kg 35kg 40kg 100lbs 45kg 111lbs 50kg

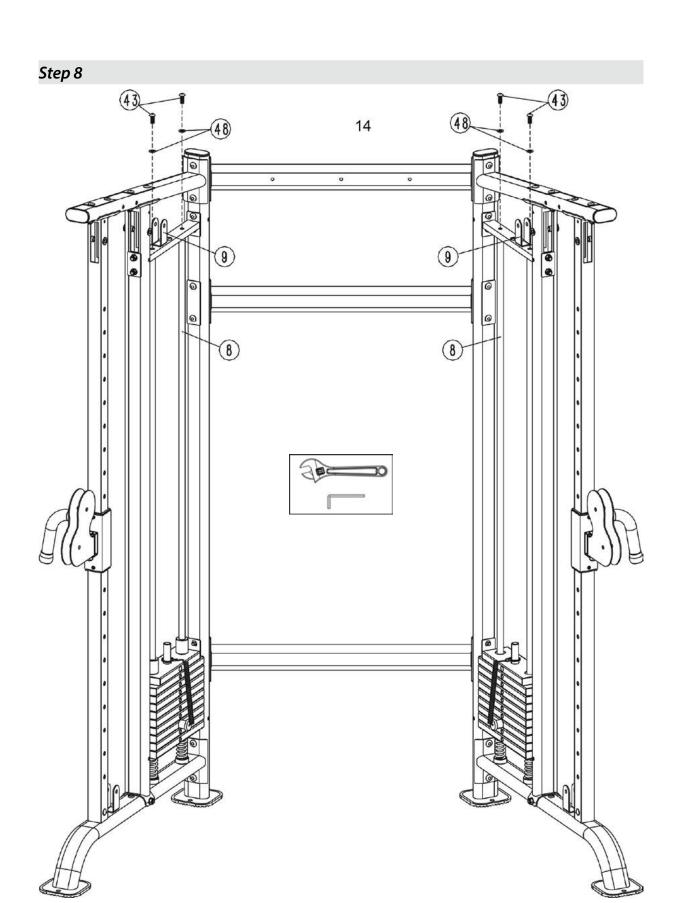
- Fix 2 x Guide Rods (8) to the right Base Frame (2) using 2 x M10×25mm Allen Bolts (43).
- Put the Guide Rod (8) through 1 x Rubber Bumper (28), 1 x Shock Spring (27) and 1 x Rubber Bumper (28) sequentially.
- Put the Guide Rod (8) through the 5kg Selector Stem (29).
- Respectively put 2 x Weight Stem Guiding Sleeve (31) into the 4kg Selector Stem (30), insert the Selector Rod (22) into the 4kg Selector Stem (30), screw 2 x M10×25mm Allen Bolts (36) in the 4kg Selector Stem (30) and fix the Selector Rod (22).
- Put the Guide Rod (8) through the 4kg Selector Stem (30).
- Stick the weight sticker (32) as shown in the diagram, from top to bottom sticking 5kg, 10kg, 15kg, 20kg, 25kg, 30kg, 35kg, 40kg, 45kg, 50kg.



• Repeat Step 5 to assemble the left weight stack.

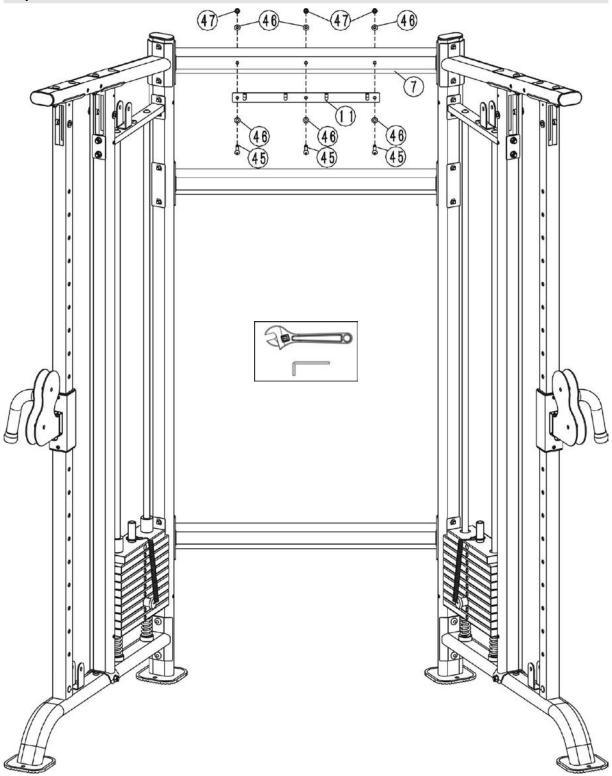


- Put left and right Guide Rod (8) through 2 x Guide Rod Holder (9).
- Fix the 2 x Guide Rod Holder (9) to the middle between the L & R Middle Support Frame (4) and the Rear Post (1) using 4 x M10×60mm Carriage Bolts (37), 4 x Ø10mm Washers (48), 4 x M10 Aircraft Nuts (49) and 2 x Bracket (25).

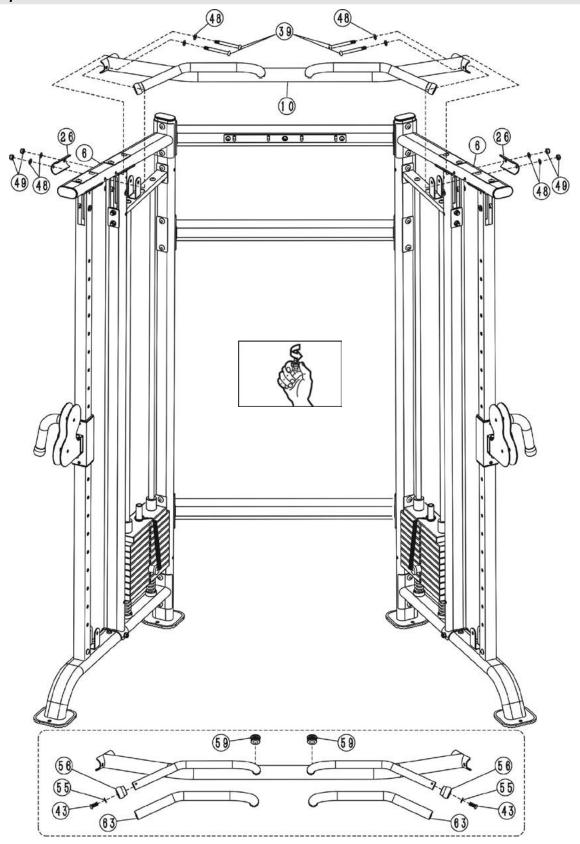


• Fix the left and right Guide Rod Holder (9) to the Guide Rod (8) respectively using $2 \times M10 \times 25 \text{mm}$ Allen Bolts (43) and $1 \times \emptyset 10 \text{mm}$ Washer (48).

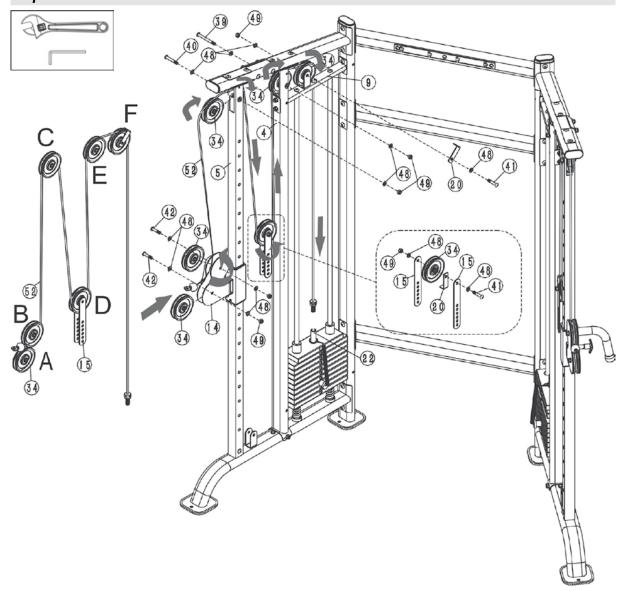




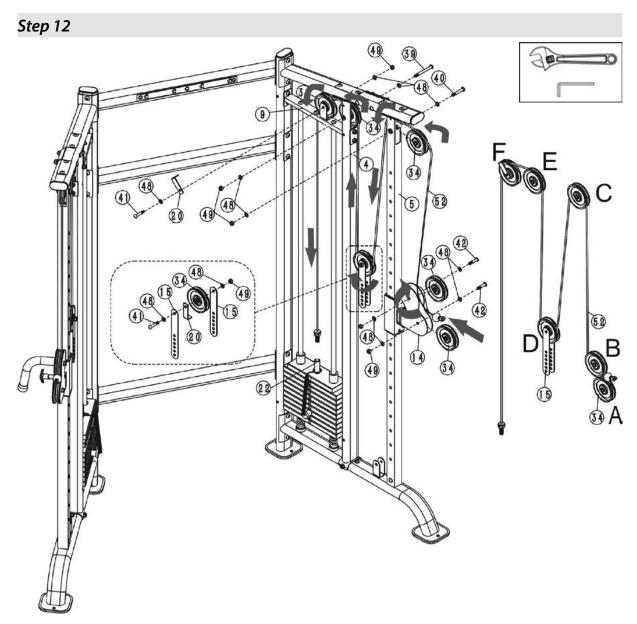
• Attach the Hook Frame (11) to the Upper Connecting Frame (7) using 3 x M8 \times 55mm Allen Bolts (45), 6 x Ø8mm Washers (46) and 3 x M8 Aircraft Nuts (47).



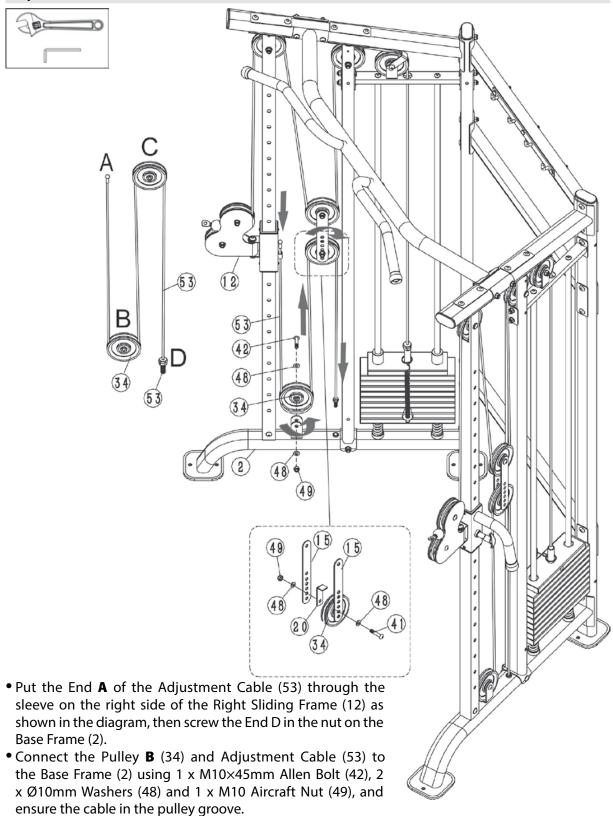
- Attach the Chin up bar Frame (10) to the middle of the 2 x Upper Frame (6) using 8 x Ø10mm Washers (48), 4 x M10 Aircraft Nut (49), 4 x M10×100mm Allen Bolts (39) and 2 x Arc Bracket (26).
- **Notes** Parts #43, #55, #56, #59 & #63 are pre-assembled.



- Find out the end with threaded head of the Upper Cable (52) as shown in the diagram, thread the end in sequence through the long notch on the right side of the Front Support Frame (5), Middle Support Frame (4) and Guide Rod Holder (9), and finally screw it into the Selector Rod (22).
- Connect the **Pulleys A & B** (34) and Upper Cable (52) to the Right Sliding Frame (12) using 1 x M10×45 Allen Bolt (42), 2 x Ø10mm Washers (48) and 1 x M10 Aircraft Nut (49), and ensure the cable in pulley groove.
- Connect the **Pulley C** (34) and Upper Cable (52) to the Front Support Frame (5) using 1 x M10×65 Allen Bolt (40), 2 x Ø10mm Washers (48) and 1 x M10 Aircraft Nut (49), and ensure the cable in pulley groove.
- Connect the **Pulley D** (34) and Upper Cable (52) to the 2 x Double Pulley Bracket (15) and 1 x LShaped Cable Protector (20) using 1 x M10×50 Allen Bolt (41), 2 x Ø10mm Washers (48) and 1 x M10 Aircraft Nut (49) and ensure the cable in pulley groove.
- Fix the **Pulley E** (34) and Upper Cable (52) to the Middle Support Frame (4) 1 x M10×100 Allen Bolt (39), 2 x Ø10mm Washers (48) and 1 x M10 Aircraft Nut (49), and ensure the cable in pulley groove.
- Connect the **Pulley F** (34) and Upper Cable (52) to 1 x L- Shaped Cable Protector (20) and Guide Rod Holder (9) using 1 x M10×50mm Allen Bolt (41), 2 x Ø10mm Washers (48) and 1 x M10 Aircraft Nut (49), and ensure the cable in pulley groove.

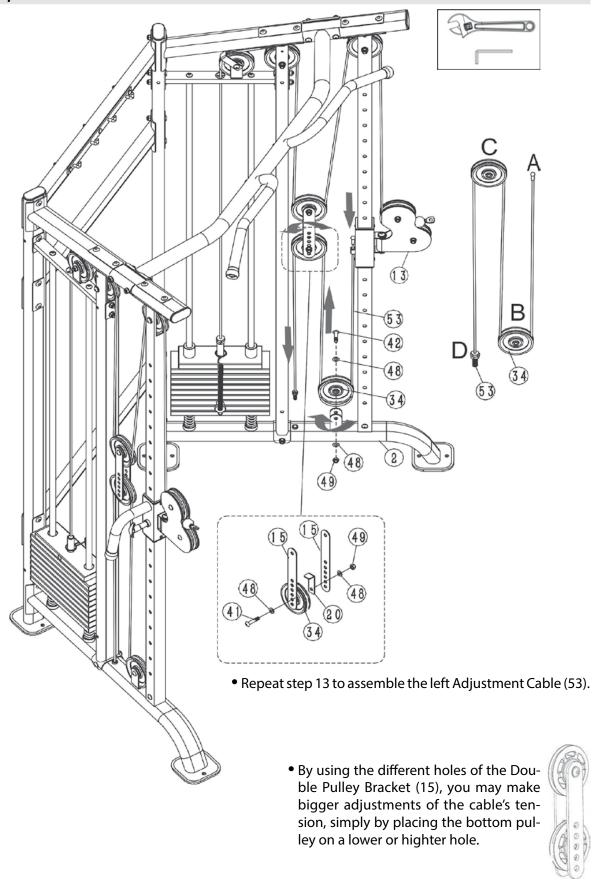


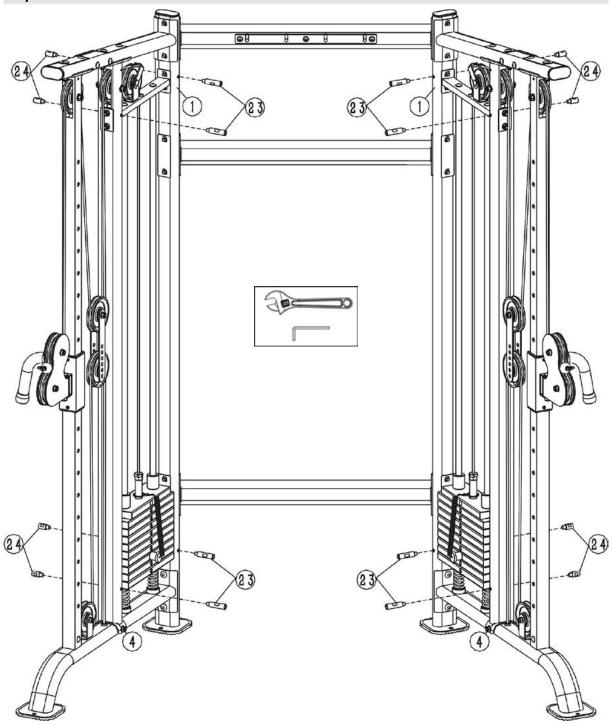
• Repeat the step 11 to assemble the left Upper Cable (52).



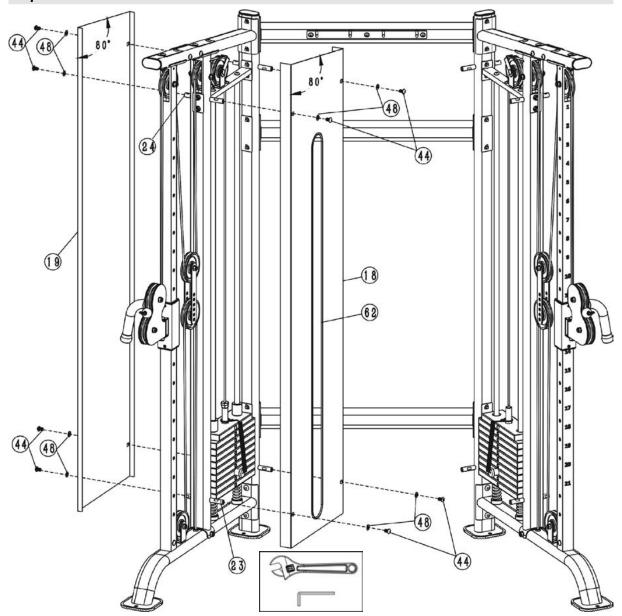
- Connect the Pulley **C** (34) and Adjustment Cable (53) to 1 x L- Shaped Cable Protector (20) and 2 x Double Pulley Bracket (15) using 1 x M10×50mm Allen Bolt (41), 2 x Ø10mm Washers (48) and 1 x M10 Aircraft Nut (49).
- Cable tension can be adjusted by the End **D** of the Adjustment Cable (53).

Step 14

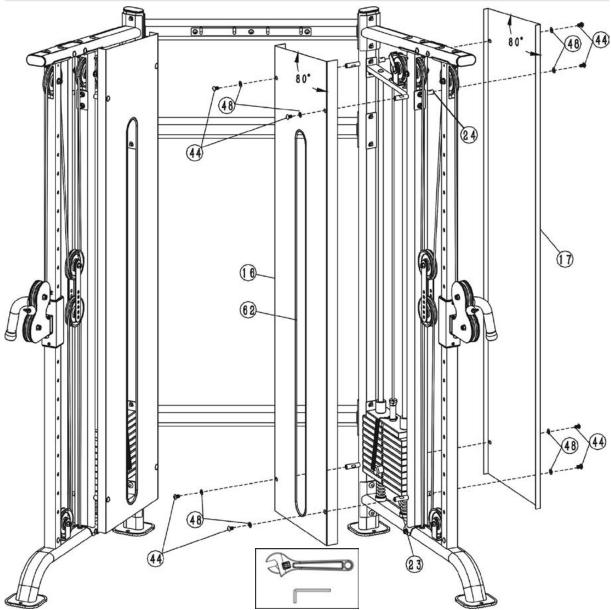




- Respectively attach 8 x Ø16×M10×65 Axle (23) to the inside of the 2 x Rear Post (1) and 2 x Middle Support Frame (4).
- Respectively attach 8 x Ø16×M10×35 Axle (24) to the outside of the 2 x Rear Post (1) and 2 x Middle Support Frame (4).



- Fix the Right Inside Weight Stack Cover (18) to $4 \times \emptyset 16 \times M10 \times 65$ Axle (23) using $4 \times M10 \times 16$ mm Allen Bolts (44) and $4 \times \emptyset 10$ mm Washers (48).
- Fix the Right Outside Weight Stack Cover (16) to $4 \times \emptyset 16 \times M 10 \times 35$ Axle (243) using $4 \times M 10 \times 16$ mm Allen Bolts (44) and $4 \times \emptyset 10$ mm Washers (48).
- **Note:** Part #62 is pre-assembled.



- Fix the Left Inside Weight Stack Cover (16) to $4 \times \emptyset 16 \times M10 \times 65$ Axle (23) using $4 \times M10 \times 16$ mm Allen Bolts (44) and $4 \times \emptyset 10$ mm Washers (48).
- Fix the Left Outside Weight Stack Cover (17) to $4 \times \emptyset 16 \times M10 \times 35$ Axle (24) using $4 \times M10 \times 16$ mm Allen Bolts (44) and $4 \times \emptyset 10$ mm Washers (48).
- Note: Part #62 is pre-assembled.

WARM-UP EXERCISES

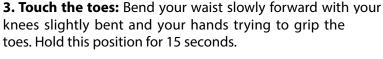
A proper workout consists of warm-up, aerobic exercise and relaxation. Repeat the program 2 or, preferably, 3 times a week, relaxing one day in between. After a few months you will be able to increase the frequency of your workouts to 4 or 5 times per week. Warming up should be a key part of your exercise, something not to be missed. It prepares your body for more strenuous exercises by warming and stretching your muscles, increasing blood circulation and heart rate and sending more oxygen to your muscles. Repeat these exercises after your workout to minimize muscle soreness. We suggest the following exercises:

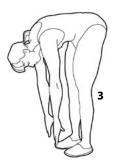


1. Quadriceps stretch: Lean against the wall using your right hand while bending your left leg backwards and holding it with the other hand. Try to bend the leg as much as you can. Hold this position for 15 seconds. Repeat for the right leg.

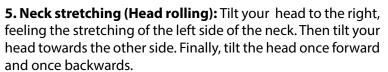


2. Adductor exercise: Sit down pulling your feet towards you, knees bent and the soles pressed together. Then use your elbows to press your knees towards the floor. Perform 15 repetitions.



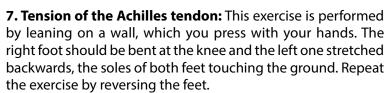


4. Biceps exercise: Sit with your right leg outstretched towards the front and the left one tucked in with the sole touching the right leg. Lean forward trying to grab the toes of the outstretched foot. Perform 15 repetitions. Rest for a while and repeat with the other leg outstretched.





6. Shoulder lift: Raise your right shoulder as close as you can to your ear. Repeat with the left shoulder. This exercise should be performed at a slow pace.





8. Side stretching: Stretch your hands upwards and try to lift your left outstretched hand as high as possible, so that you feel your left side being pulled. Repeat for the right hand.

