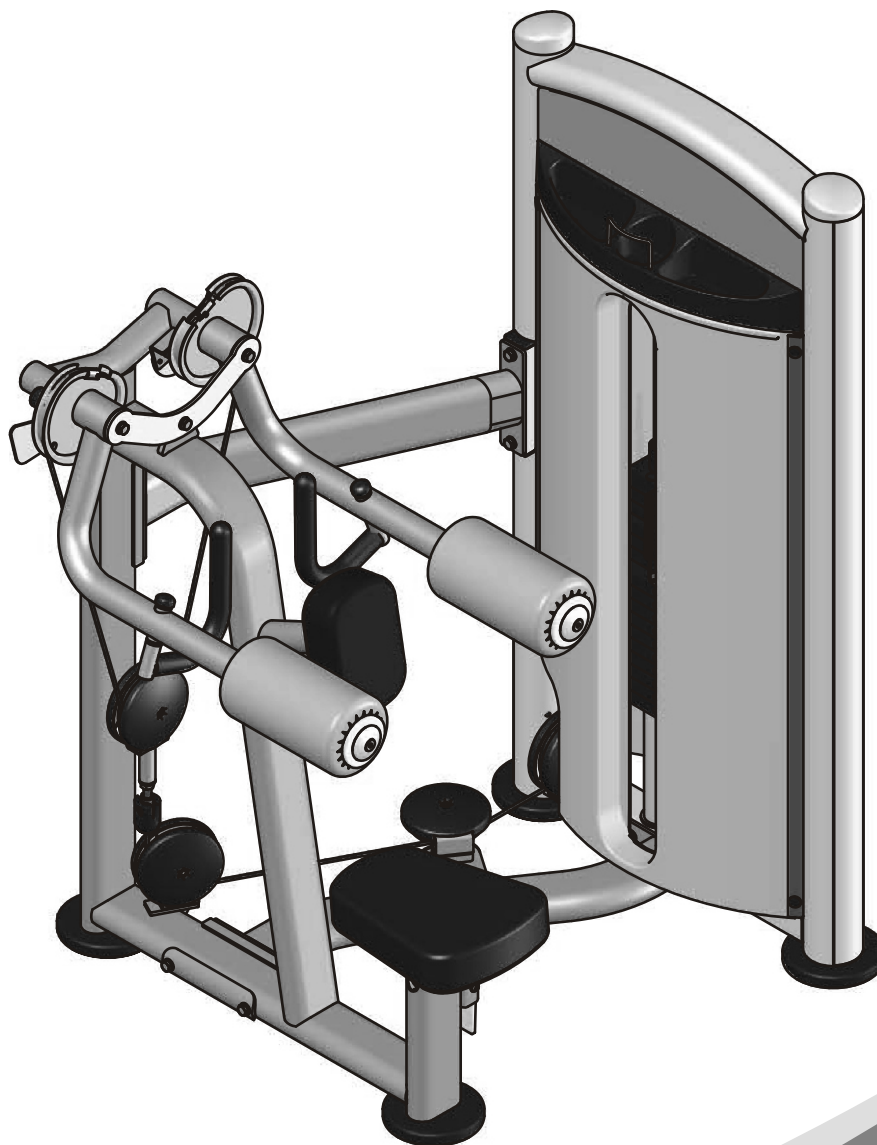


IT9324

LATERAL RAISE

OWNER'S MANUAL



! CAUTION

Read all precautions
and instructions in this manual
before using this equipment

16M Rev G

! CAUTION

Read all precautions and instructions in this manual before using this equipment.

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Please assemble according to the actual **Weights and Shroud** you buy !

Important Safety Instructions

Before beginning any fitness program, you should obtain a complete physical examination from your physician. When using exercise equipment, basic precautions should always be taken, including the following:

1. Read all instructions before using the equipment.
These instructions are written to ensure your safety and to protect the unit.
2. Use the equipment only for its intended purpose as described in this guide.
Do not use accessory attachments that are not recommended by the manufacturer: such attachments might cause injuries.
3. The product should only be used on a level surface and is with 0.5 meters space around the product.
Do not use the equipment outdoors.
4. Do not allow children on or near the equipment. And children are not allowed to use this equipment.
Teenagers should use this equipment with adult supervision.
5. Do not overexert yourself or work to exhaustion.
Do not attempt to lift more weight than you can control safely.
If you feel any pain or abnormal symptoms, stop your workout immediately and consult your physician.
6. This equipment is not used as medical apparatus and instruments.
7. Never operate the unit when it has been dropped or damaged.
Never drop or insert anything into any opening in the equipment.
Always check the unit and its cables before each use. Make sure that all fasteners and cables are secure and in good working condition.
Frayed or worn cables can be dangerous and may cause injury. Periodically check these cables for any indication of wear.
Keep hands, limbs, loose clothing and long hair well out of the way of moving parts.
8. Be careful when getting on or off the equipment.
9. Wear proper exercise clothing and shoes for your workout, no loose clothing.

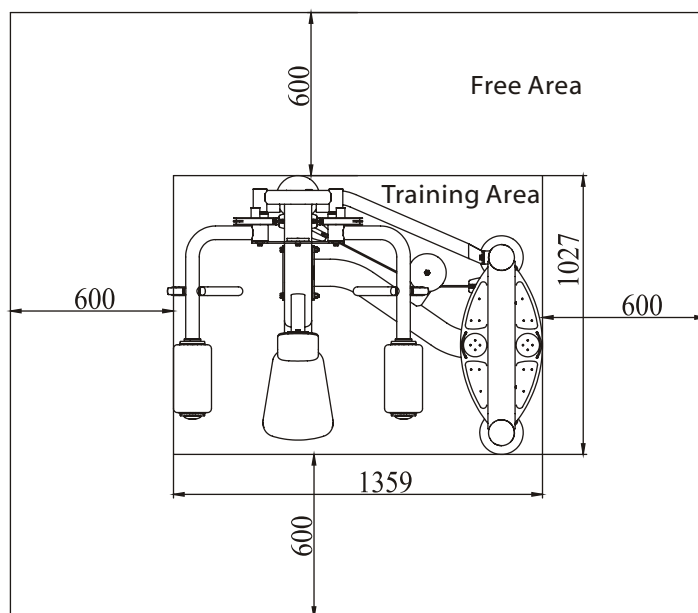
Important Safety Instructions

Personal Safety During Assembly

Read each step in the assembly instructions and follow the steps in sequence. Do not skip ahead. If you skip ahead, you may learn later that you have to disassemble components and that you may have damaged the equipment.

Assemble and operate the equipment on a solid, level surface. Locate the unit a few feet from walls or furniture to provide easy access. The equipment is designed for your enjoyment. By following these precautions and using common sense, you will have many safe and pleasurable hours of healthful exercise with the equipment.

Training Area and Free Area



Specifications

Class: S

Maximum Wt. Capacity: 91kg/ 200lbs

Maximum User Weight: 150kg/ 330lbs

Product Total Surface: 1359*1027mm

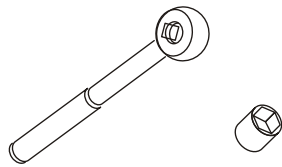
Product Total Mass (Short Shroud): 105kg/ 232lbs

Instructions

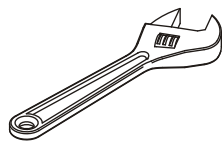
Before beginning assembly please take the time to read instructions thoroughly. Please use the various lists in this manual to make sure that all parts have been included in your shipment. When ordering, use part number and description from the lists. Use only our replacement part when servicing. Failure to do so will void your warranty and could result in personal injury.

The equipment is designed to provide the smoothest, most effective exercise motion possible. After assembly, you should check all functions to ensure correct operation. If you experience problems, first recheck the assembly instructions to locate any possible errors made during assembly. If you are unable to correct the problem, call your authorized dealer. Be sure to have your serial number and this manual when calling. When all parts have been accounted for, continue on.

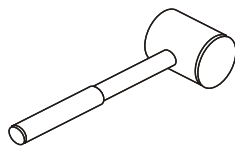
Tools Required



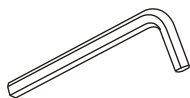
Ratchet Wrench and Socket



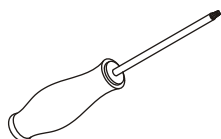
Adjustable Wrench



Rubber Mallet



Hex Key Wrench Set



Phillips Screwdriver

Parts List

NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED.

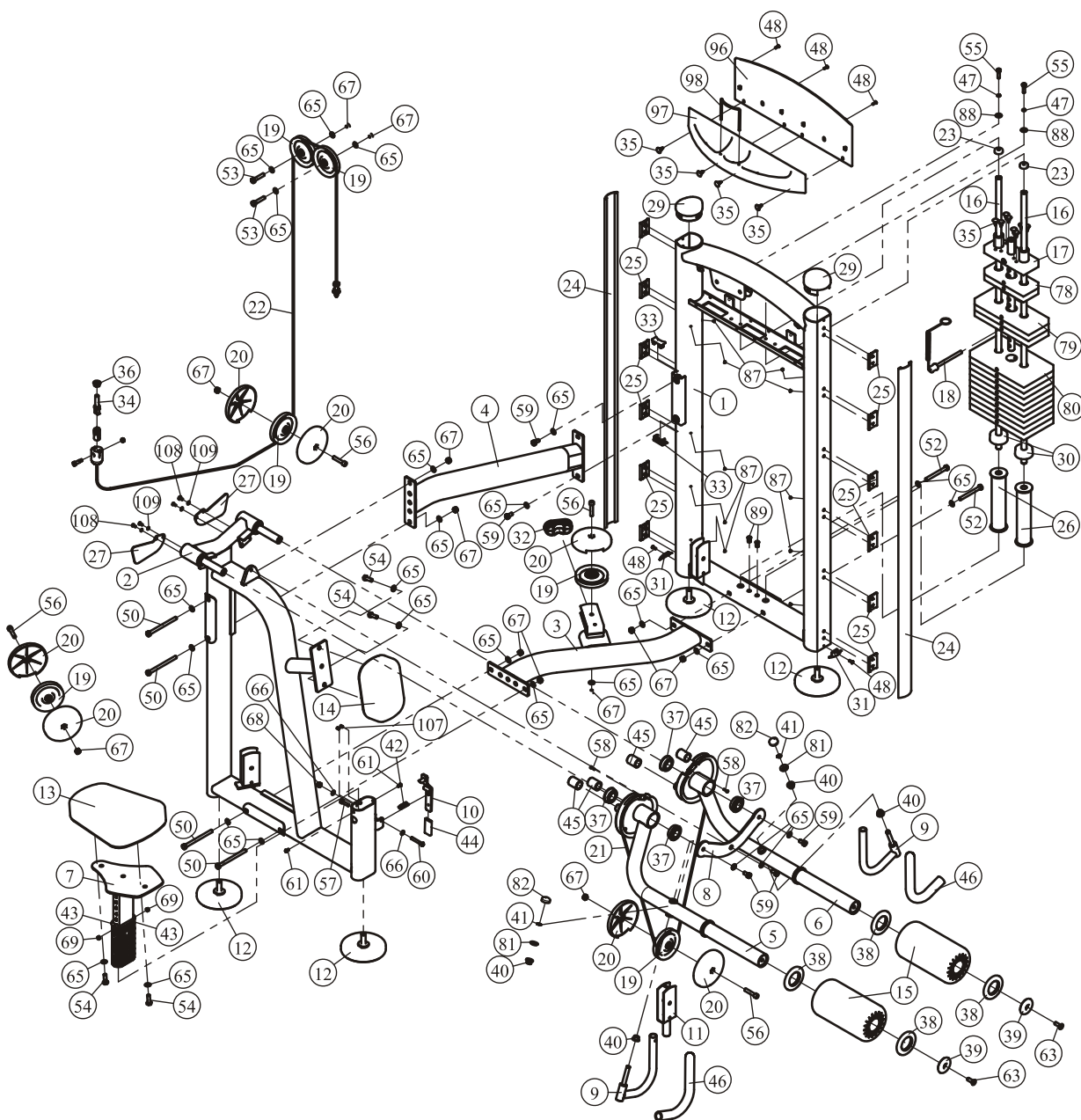
Item No.	Description	Qty	Item No.	Description	Qty
1	Weight Stack Frame	1	26	Weight Stack Space 237	2
2	Main Frame	1	27	Plate Cover	2
3	Bottom Cross Brace	1	29	Plug Ø95.4*61	2
4	Rear Cross Brace	1	30	Weight Rubber Bumper	2
5	Left Press Arm	1	31	L Bracket	2
6	Right Press Arm	1	32	Plug RT50*100	1
7	Seat Pad Support	1	33	Plug 48*22.7*R48	2
8	Connection Plate	1	34	Cable Connector Ø20*77*1/2"-13	1
9	Haddle Frame	2	35	Button Ø8*Ø20*23	19
10	Adjustable Support	1	36	Hex Flanged Nut 1/2"-13	1
11	Adjustable Floating Pulley Assembly	1	37	Bearing Ø50.8*Ø25.4*15.9	4
12	Adjustable Foot Plate	4	38	Aluminum Grip Ring	4
13	Seat Pad	1	39	Aluminum Cap	2
14	Arm Pad	1	40	Bushing	4
15	Foam Pad	2	41	Retainning Snap Ring	2
16	Guide Rod	2	42	Spring	1
17	Top Plate	1	43	Plastic Tube Guide	2
18	Selector Pin W/Coil	1	44	Adjustable Support Sleeve	1
19	4.5" Pulley	6	45	Stop Coller	4
20	Pulley Cover	7	46	Grip	2
21	Cable 1	1	47	Spring Washer	2
22	Cable 2	1	48	Flat Philips Screw M5*16	17
23	Rubber Plug Ø29*Ø19*10	2	49	Flat Philips Screw M5*25	2
24	Side Cover	2	50	Hex Head Bolt M10*135	4
25	Plastic Block	12	52	Hex Head Bolt M10*100	2

Parts List

NOTE: SOME OF THESE PARTS MAY COME PRE-INSTALLED.

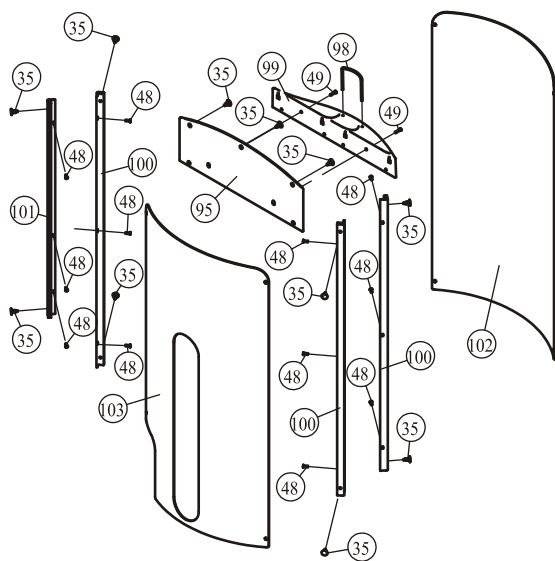
Item No.	Description	Qty	Item No.	Description	Qty
53	Hex Head Bolt M10*50	2	81	Washer $\Phi 27.6 \times \Phi 12.8 \times 3.5$	2
54	Hex Head Bolt M10*30	4	82	Nut Cap	2
55	Hex Head Bolt M8*30	2	83	Hex Key S=4	1
56	Socket Head Cap Screw M10*50	4	84	Plastic Cover $\Phi 21 \times 5.7$	4
57	Socket Head Cap Screw M8*30	1	85	Plastic Washer $\Phi 13 \times 3$	4
58	Socket Head Cap Screw M4*15	2	86	Connect Button $\Phi 18 \times 12$	4
59	Hex Head Bolt M10*20	5	87	Button $\Phi 8.1 \times 7$	10
60	Button Head Cap Screw M8*55	1	88	Flat Washer $\Phi 9 \times \Phi 22 \times 1.6$	2
61	Button Head Cap Screw M6*12	2	89	Rivet Nut M8	2
63	Flat Head Cap Screw M10*30	2	90	Self-Tapping Screw ST4.2*10	4
65	Flat Washer $\Phi 11 \times \Phi 20 \times 2$	26	95	Top Rear Shroud	1
66	Flat Washer $\Phi 9 \times \Phi 16 \times 1.6$	2	96	Top Front Shroud	1
67	Nylon lock Nut M10	12	97	Support	1
68	Nylon lock Nut M8	1	98	Arc Bracket	2
69	Hex Nut M6	2	99	Rear Support	1
70	Hex Key 3/16"	1	100	Shroud Retainer Plate	3
71	Hex Key S=3	1	101	Left Shroud Retainer Plate	1
72	Hex Key S=5	1	102	Rear Shroud	1
73	Hex Key S=6	1	103	Front Shroud	1
74	Hex Key S=8	1	104	Top Rear Shroud	1
75	Wrench $\Phi 6 \times 117$	1	105	Shroud	1
76	Lube	1	106	Short Shroud Retainer Plate	2
78	Weight Plate 5LBS	2	107	Screw M6*15	2
79	Weight Plate 10LBS	3	108	Screw M6*12	4
80	Weight Plate 15LBS	10	109	Flat Washer $\Phi 6.6 \times \Phi 12 \times 1.6$	4

Exploded View

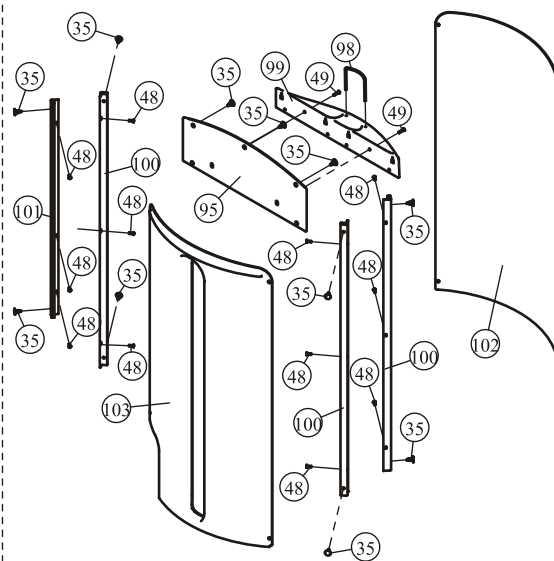


Exploded View

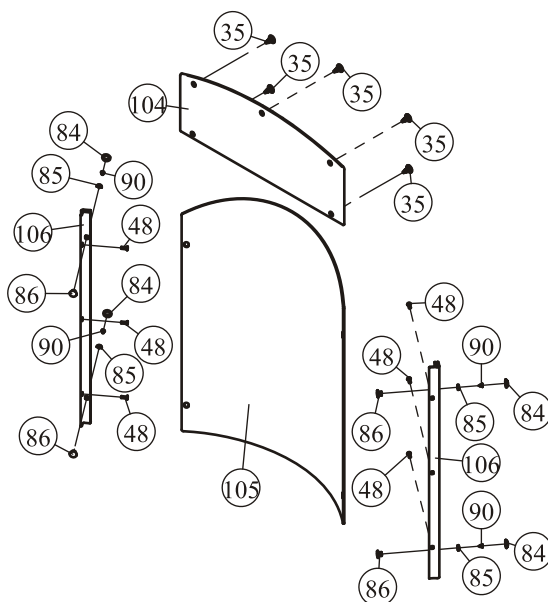
Flat Shroud



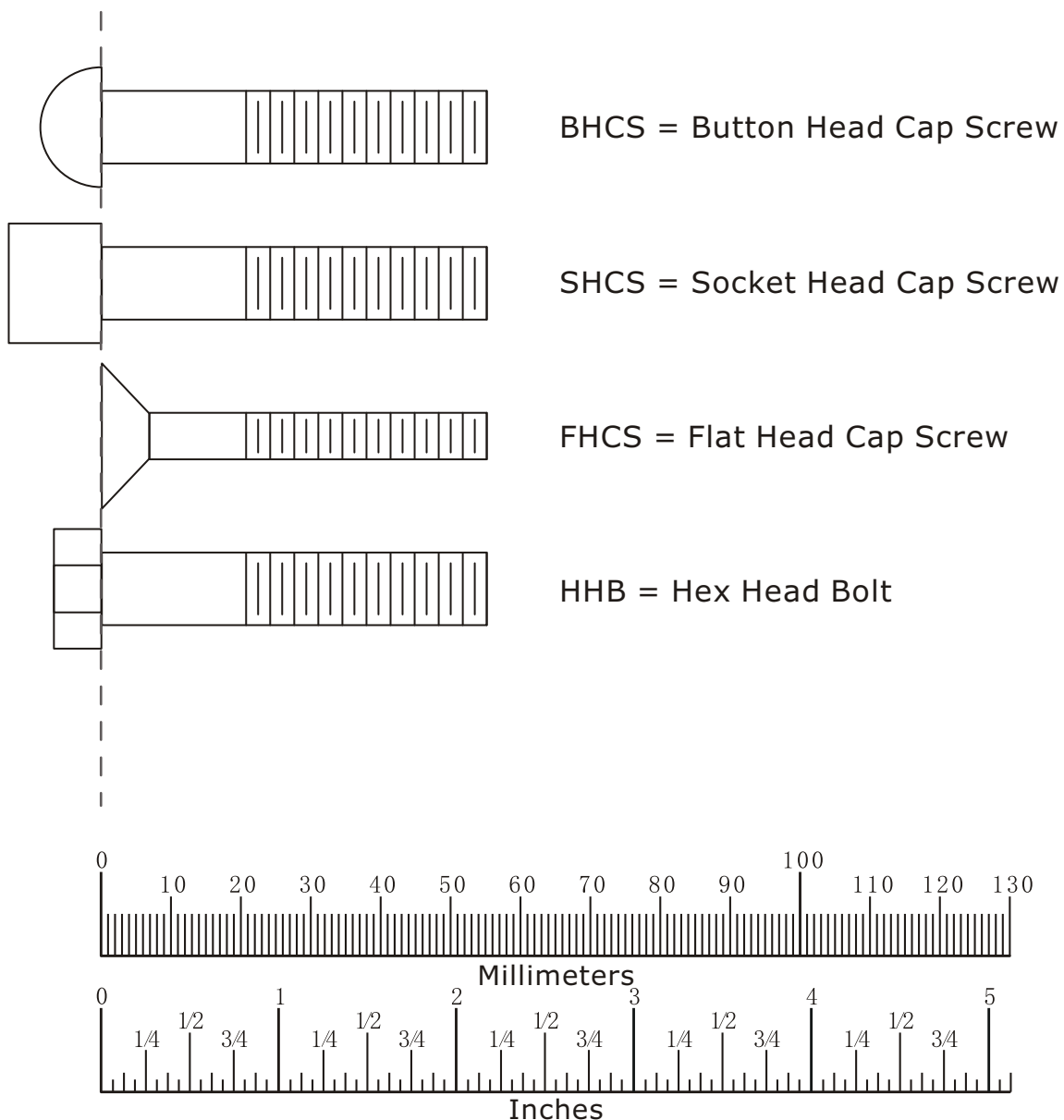
Molding Shroud



Short Shroud



Measurement Guide



Diameter of bolt (mm/inch)	M6(1/4")	M8(5/16")	M10(3/8")	M12(1/2")	M16(5/8")
Tightening torque (N.m)	9~12	22~30	45~59	78~104	193~257
Operational methods for adult men	The strength of the wrist	The strength of the wrist and forearm	The strength of the entire arm	The strength of the arm and upper body	with all strength

Assembly Instructions

Assembly of the equipment takes professional installers about 2 hours. If this is the first time you have assembled this type of equipment, plan to spend more time. It is strongly recommended to assemble the equipment by professional installers. You may find it quicker, safer, easier to assemble this equipment with the help of a friend, as some of components may be large, heavy or awkward to handle alone. It is important that you assemble your product in a clean, clear, uncluttered area. This will enable you to move around the product while you are fitting components and reduce the possibility of injury during assembly.

NOTE

As with any assembled part, proper alignment and adjustment is critical. While tightening the fasteners, be sure to leave room for adjustments. Do not fully tighten the fasteners until instructed to do so. Be careful to assemble the components in the sequence presented in this guide.

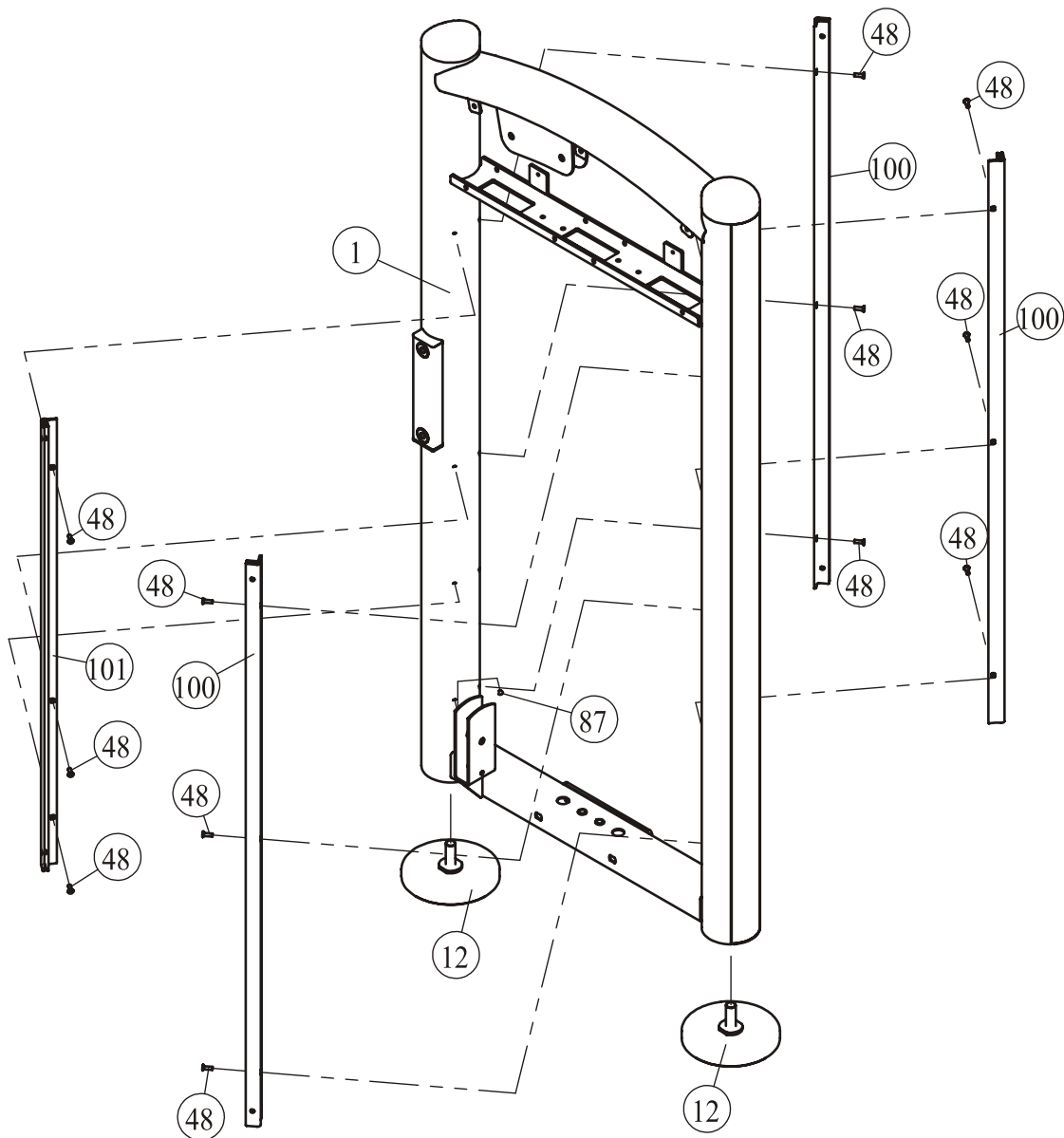
Assembly

STEP 1

1. Attach two Adjustable Foot Plate (#12) to the Weight stack Frame (#1).
2. Attach three Shroud Retainer Plate (#100), one Left Shroud Retainer Plate (#101) to the Weight stack Frame (#1) using:
twelve M5*16 Flat Philips Screw (#48)
3. Attach one Button (#87) to the Weight stack Frame (#1).

Note: Wrench Tighten Screws.

Here is the assembly instruction for **Flat Shroud and Molding Shroud** !



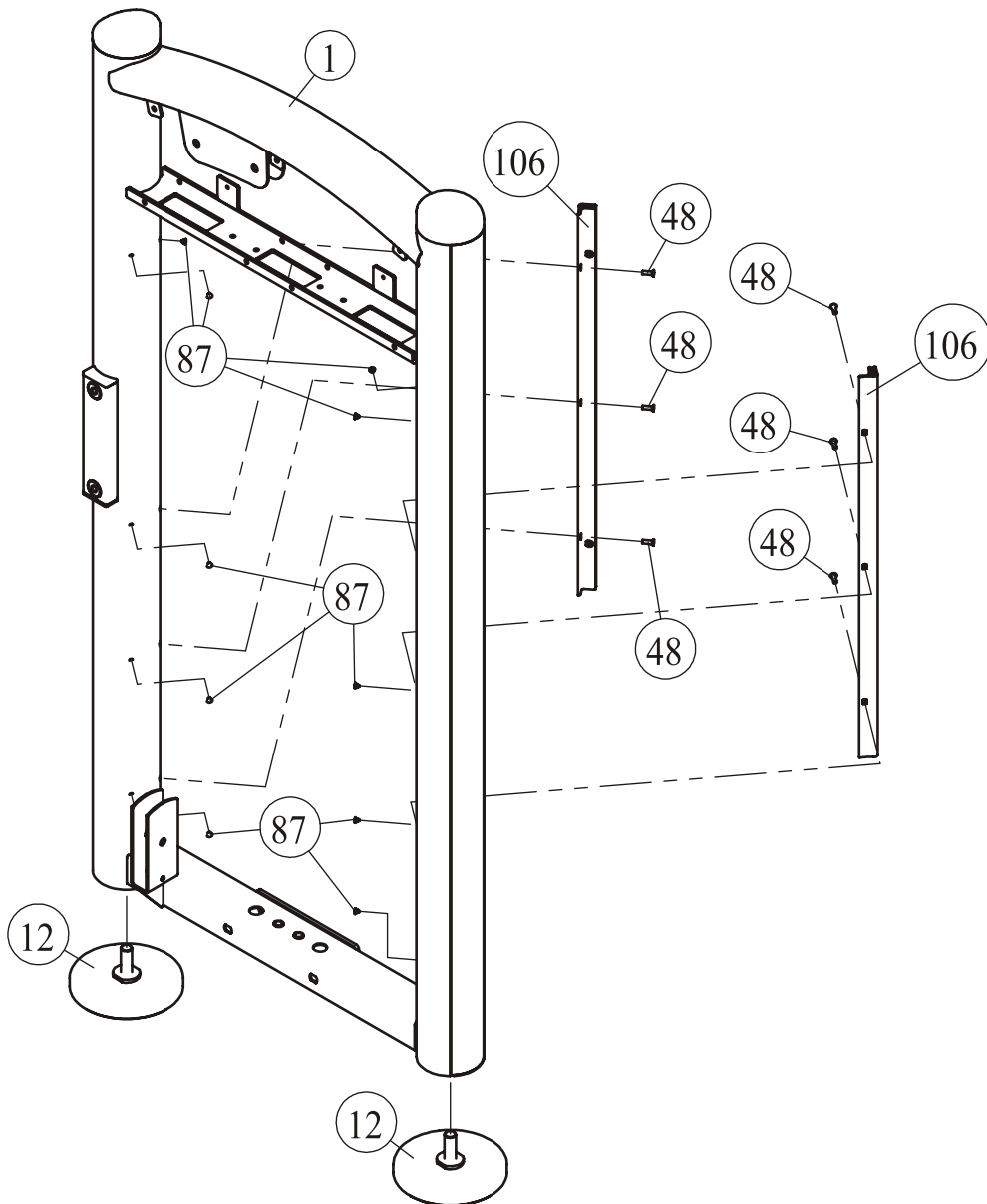
Assembly

STEP 1

1. Attach two Adjustable Foot Plate (#12) to the Weight stack Frame (#1).
2. Attach two Short Shroud Retainer Plate (#106) to the Weight stack Frame (#1) using:
six M5*16 Flat Philips Screw (#48)
3. Attach ten Button (#87) to the Weight stack Frame (#1).

Note: Wrench Tighten Screws.

Here is the assembly instruction for **Short Shroud** !



Assembly

STEP 2

1. Attach two Adjustable Foot Plate (#12) to the Main Frame (#2).
2. Attach the Main Frame (#2), the Bottom Cross Brace (#3), the Rear Cross Brace (#4) to the Weight stack Frame (#1) using:

two M10*100 HHB (#52)

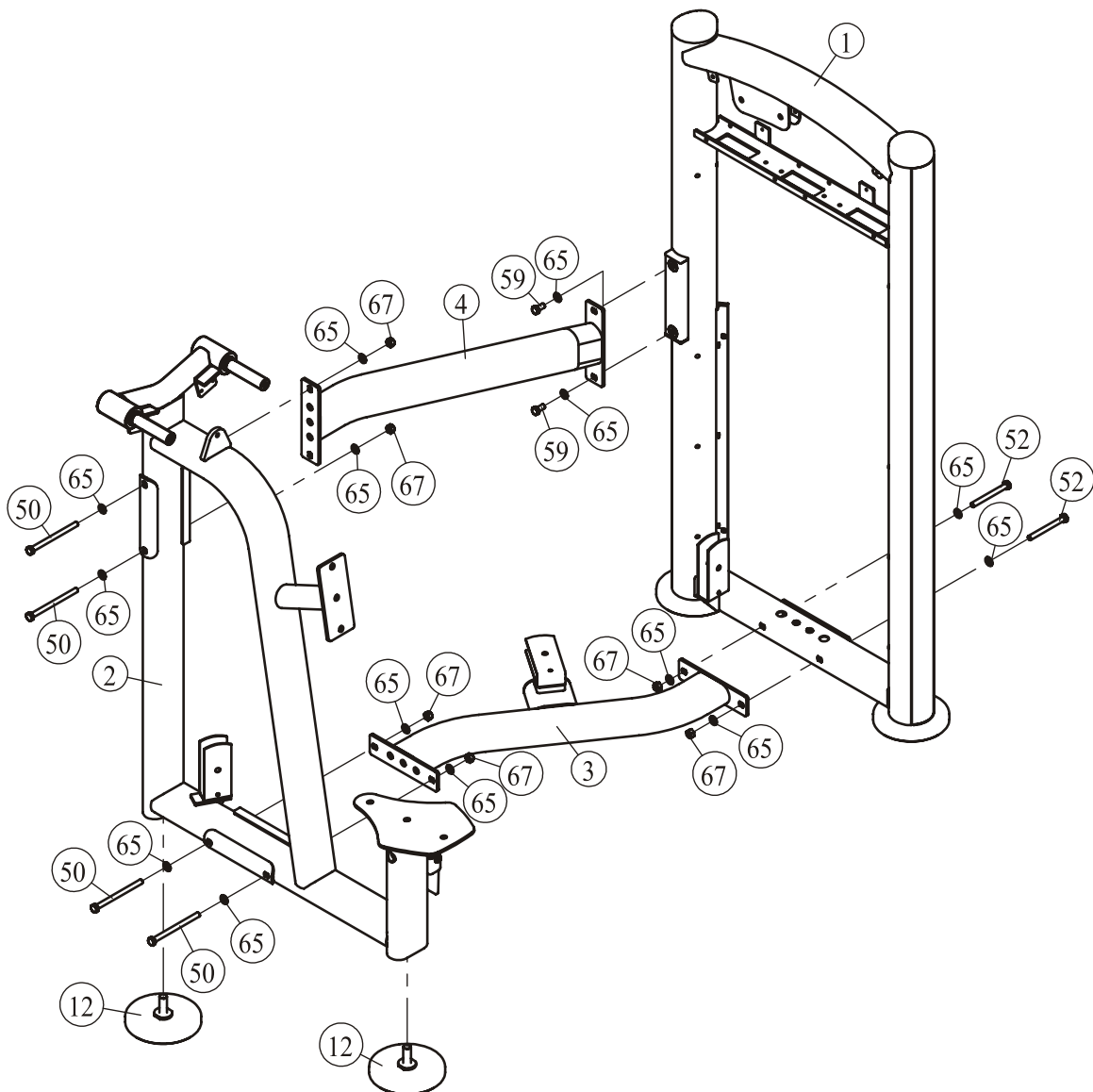
two M10*20 HHB (#59)

four M10*135 HHB (#50)

six M10 Nylon lock Nut (#67)

fourteen $\Phi 11 \times \Phi 20 \times 2$ Flat Washer (#65)

Note: Hand Tighten Bolts and Nylon Lock nuts.



Assembly

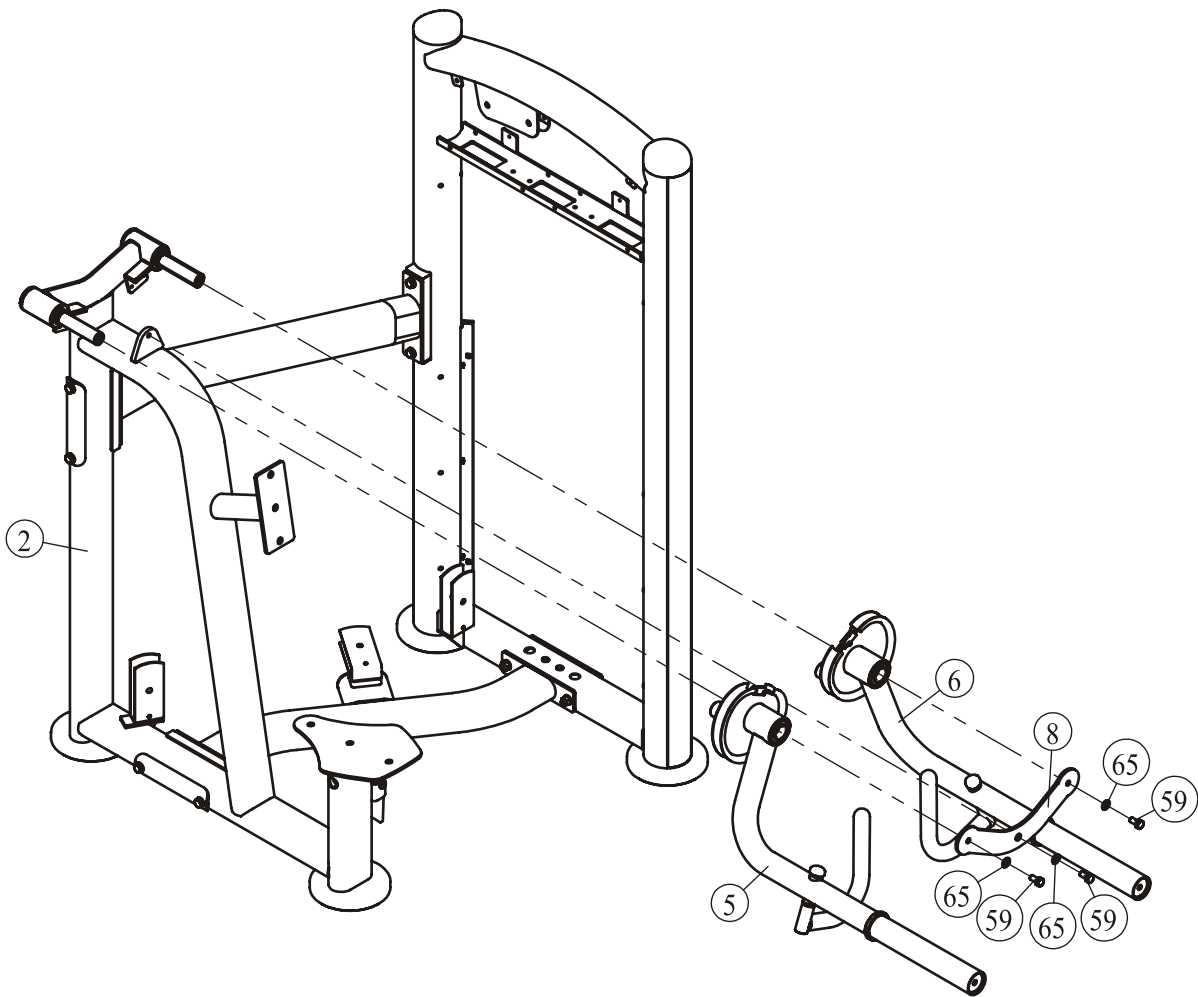
STEP 3

Attach the Left Press Arm (#5), the Right Press Arm (#6), the Connection Plate (#8) to the Main Frame (#2) using:

three M10*20 HHB (#59)

three $\Phi 11 \times \Phi 20 \times 2$ Flat Washer (#65)

Note: Hand Tighten Bolts and Nylon Lock nuts.



Assembly

STEP 4

1. Attach:

two Guide Rod (#16)
ten Weight Plate 15LBS (#80)
two Weight Plate 5LBS (#78)
two Rubber Plug (#23)

two $\Phi 63.5 \times \Phi 19 \times 25.4$ Weight Rubber Bumper (#30)
three Weight Plate 10LBS (#79)
one Top Plate (#17)
two Weight Stack Space (#26)

to the Weight stack Frame (#1) using:

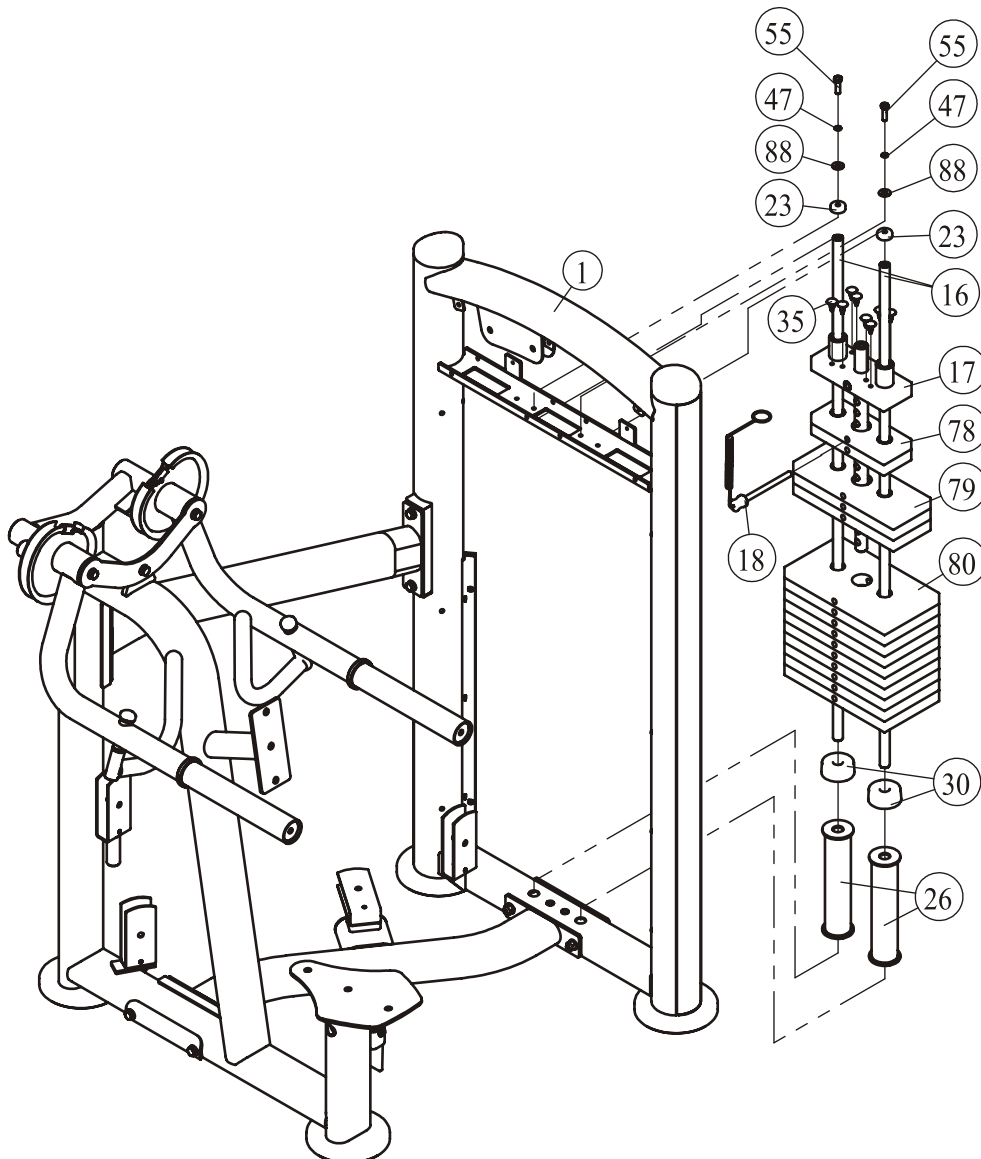
two M8*30 HHB (#55)
two $\Phi 9 \times \Phi 22 \times 1.6$ Flat Washer (#88)

two $\Phi 8$ Spring Washer (#47)

2. Attach the Selector Pin W/Coil (#18) to the Top Plate (#17).

3. Attach eight Button (#35) to the Top Plate (#17).

Note: Wrench Tighten Bolts and Nylon Lock nuts.



Assembly

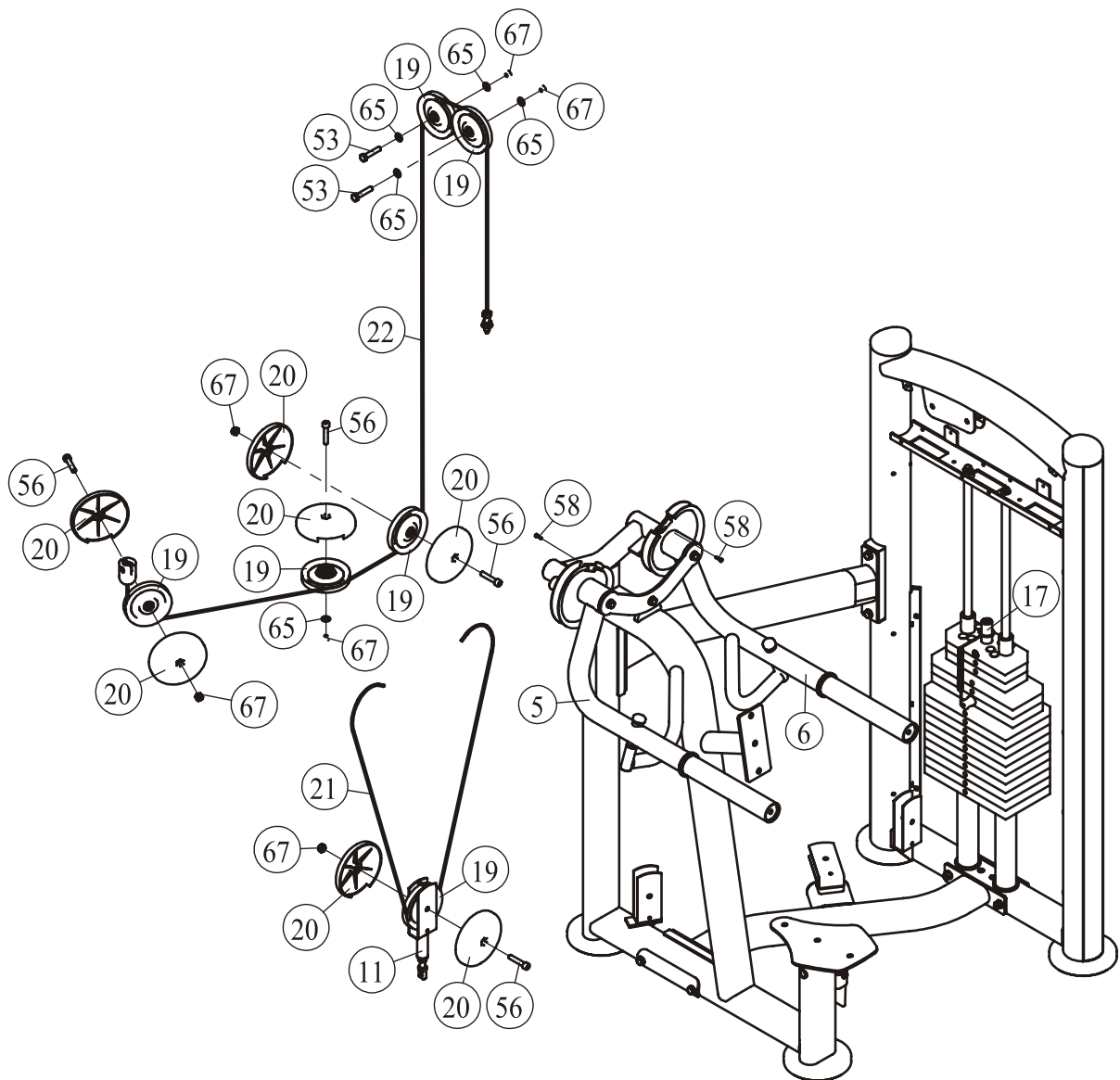
STEP 5

1. Attach the Cable 2 (#22) to the Top Plate(#17).
2. Attach three 4.5" Pulley (#19), two Pulley Cover (#20), to the Weight stack Frame (#1) using:
 - two M10*50 HHB (#53)
 - one M10*50 SHCS (#56)
 - three M10 Nylon lock Nut (#67)
 - four $\Phi 11 \times \Phi 20 \times 2$ Flat Washer (#65)
3. Attach one 4.5" Pulley (#19), one Pulley Cover (#20), to the Bottom Cross Brace (#3), Attach one 4.5" Pulley (#19), two Pulley Cover (#20), to the Main Frame (#2) using:
 - two M10*50 SHCS (#56)
 - two M10 Nylon lock Nut (#67)
 - one $\Phi 11 \times \Phi 20 \times 2$ Flat Washer (#65)
4. Attach one 4.5" Pulley (#19), two Pulley Cover (#20), the Adjustable Floating Pulley Assembly (#11) and the Cable 1 (#21) to the Left Press Arm (#5) and the Right Press Arm (#6) using:
 - two M4*15 SHCS (#58)
 - one M10*50 SHCS (#56)
 - one M10 Nylon lock Nut (#67)

Note: Wrench Tighten Bolts and Nylon Lock nuts.

Assembly

STEP 5



Assembly

STEP 6

1. Attach the Seat Pad (#13), the Arm Pad (#14) to the Seat Pad Support (#7) and the Main Frame (#2) using:

four M10*30 HHB (#54)

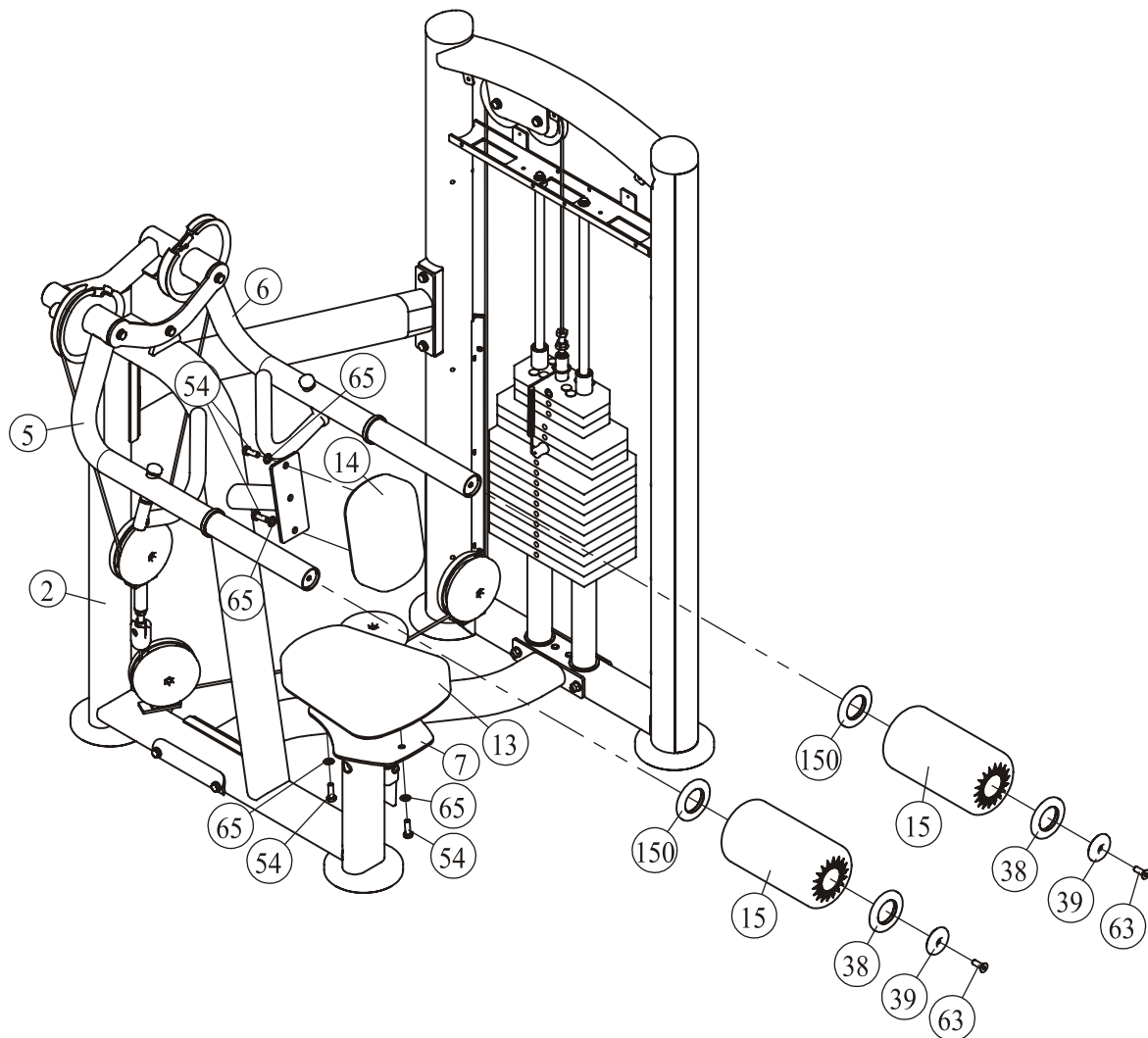
four $\Phi 11 \times \Phi 20 \times 2$ Flat Washer (#65)

2. Attach two Foam Pad (#15) to the Left Press Arm (#5) and Right Press Arm (#6) using:

four $\Phi 90 \times \Phi 51.2 \times 9$ Aluminum Grip Ring (#38) two $\Phi 60 \times \Phi 10.5 \times 10.9$ Aluminum Cap (#39)

two M10*30 Flat Head Cap Screw (#63)

Note: Wrench Tighten Bolts and Nylon Lock nuts.



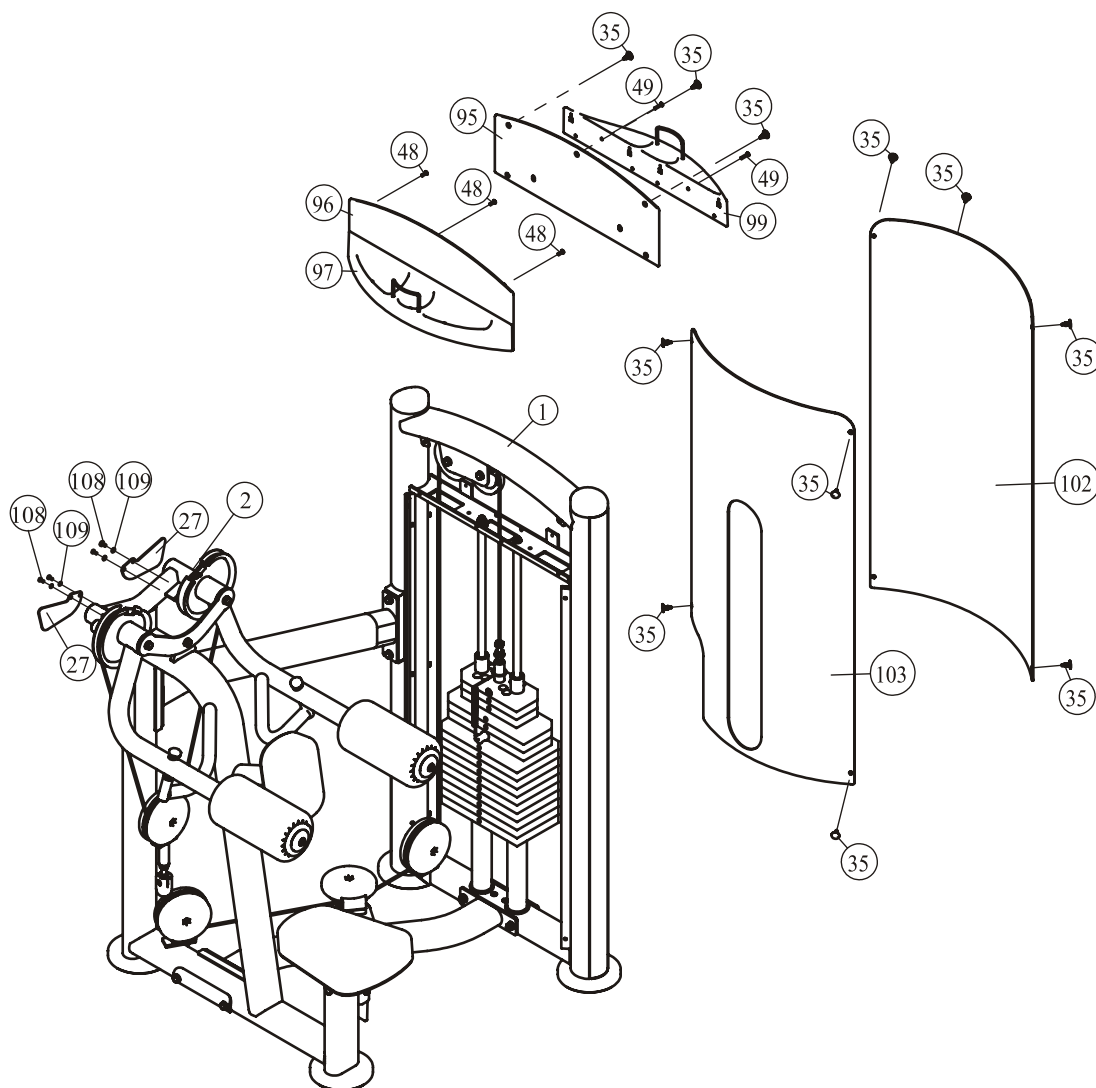
Assembly

STEP 7

1. Attach the Front Shroud (#103), Rear Shroud (#102) to the Weight stack Frame (#1) using:
eight $\Phi 8 \times \Phi 20 \times 23$ Button (#35)
2. Attach Top Front Shroud (#96), Support (#97) to the Weight stack Frame (#1) using:
three M5*16 Flat Philips Screw (#48)
3. Attach the Top Rear Shroud (#95), Rear Support (#99) to the Weight stack Frame (#1) using:
three $\Phi 8 \times \Phi 20 \times 23$ Button (#35) two M5*25 Flat Philips Screw (#49)
4. Attach two Plate Covers (#27) to the Main Frame (#2), using:
four M6*12 Screw (#108) four $\Phi 6.6 \times \Phi 12 \times 1.6$ Flat Washer (#109)

Note: Wrench Tighten Bolts and Nylon Lock nuts.

Here is the assembly instruction for **Flat Shroud !**



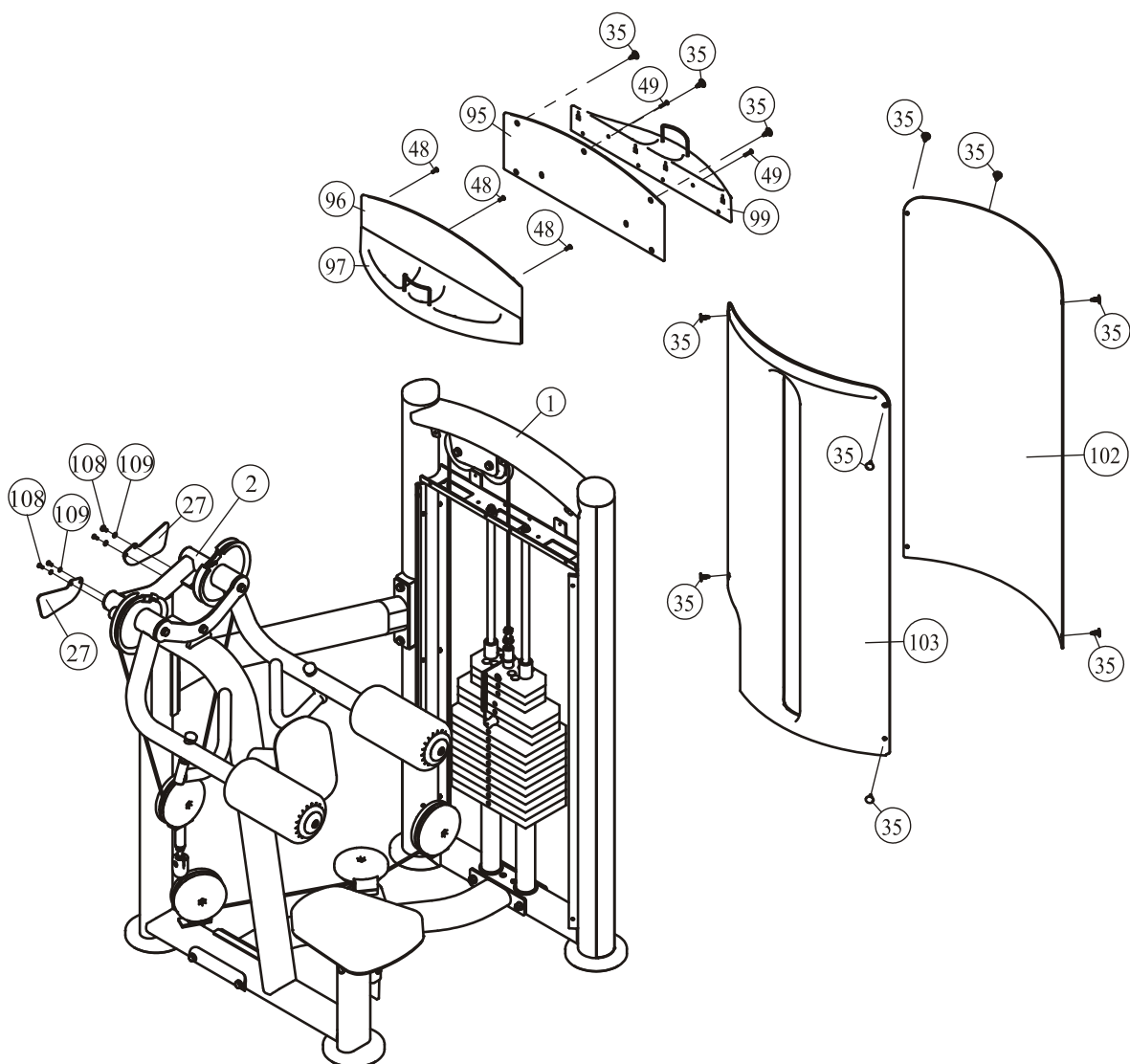
Assembly

STEP 7

1. Attach the Front Shroud (#103), Rear Shroud (#102) to the Weight stack Frame (#1) using:
eight $\Phi 8 \times \Phi 20 \times 23$ Button (#35)
2. Attach Top Front Shroud (#96), Support (#97) to the Weight stack Frame (#1) using:
three M5*16 Flat Philips Screw (#48)
3. Attach the Top Rear Shroud (#95), Rear Support (#99) to the Weight stack Frame (#1) using:
three $\Phi 8 \times \Phi 20 \times 23$ Button (#35) two M5*25 Flat Philips Screw (#49)
4. Attach two Plate Covers (#27) to the Main Frame (#2), using:
four M6*12 Screw (#108) four $\Phi 6.6 \times \Phi 12 \times 1.6$ Flat Washer (#109)

Note: Wrench Tighten Bolts and Nylon Lock nuts.

Here is the assembly instruction for **Molding Shroud !**



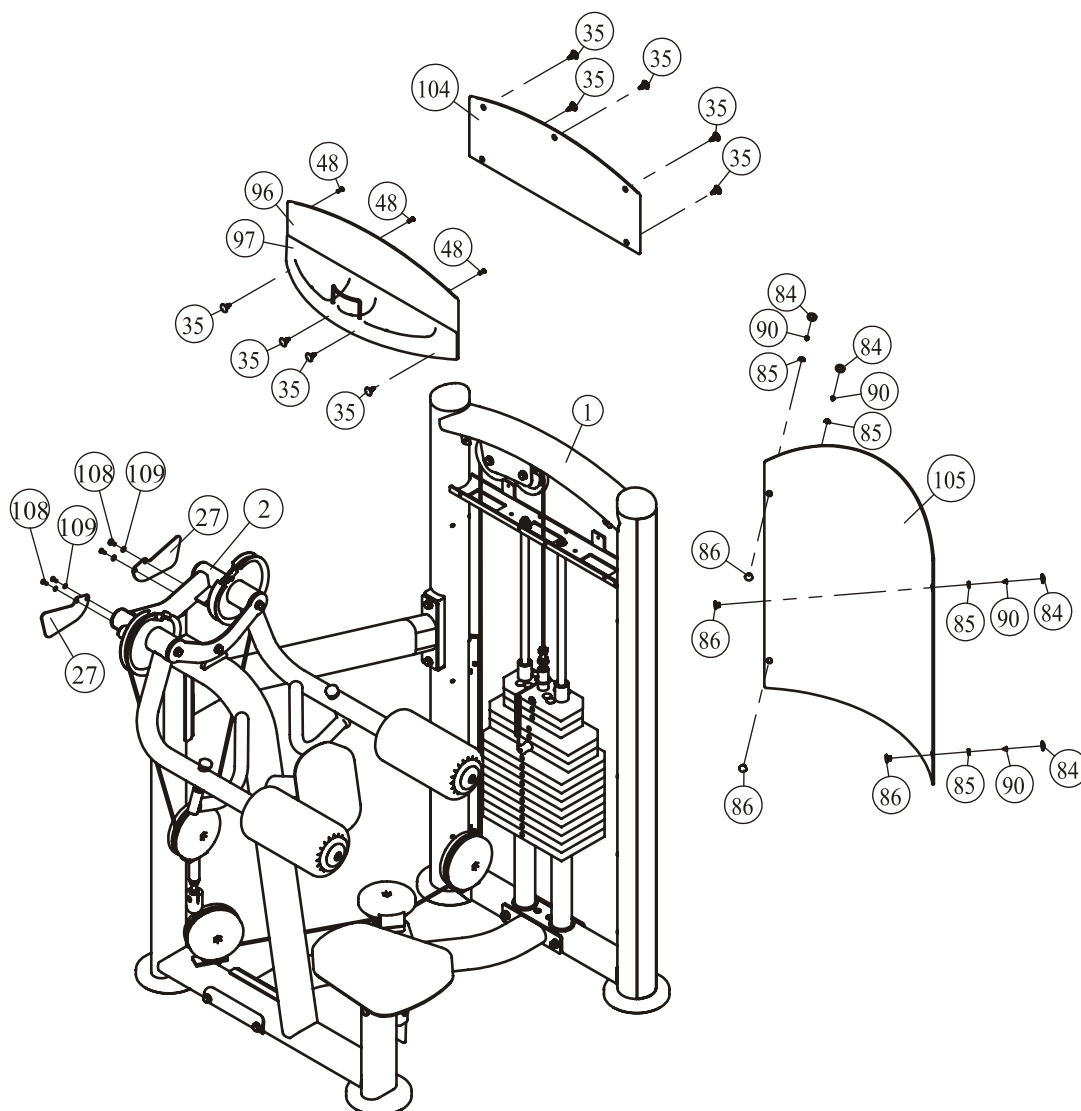
Assembly

STEP 7

1. Attach the Shroud (#105) to the Weight stack Frame (#1) using:
 four $\Phi 18 \times 12$ Connect Button (#86) four $\Phi 13 \times 3$ Plastic Washer (#85)
 four ST4.2*10 Self-Tapping Screw (#90) four $\Phi 21 \times 5.7$ Plastic Cover (#84)
2. Attach the Top Front Shroud (#96), Support (#97) to the Weight stack Frame (#1) using:
 four $\Phi 8 \times \Phi 20 \times 23$ Button (#35) three M5*16 Flat Philips Screw (#48)
3. Attach the Top Rear Shroud (#104) to the Weight stack Frame (#1) using:
 five $\Phi 8 \times \Phi 20 \times 23$ Button (#35)
4. Attach two Plate Covers (#27) to the Main Frame (#2), using:
 four M6*12 Screw (#108) four $\Phi 6.6 \times \Phi 12 \times 1.6$ Flat Washer (#109)

Note: Wrench Tighten Bolts and Nylon Lock nuts.

Here is the assembly instruction for **Short Shroud !**



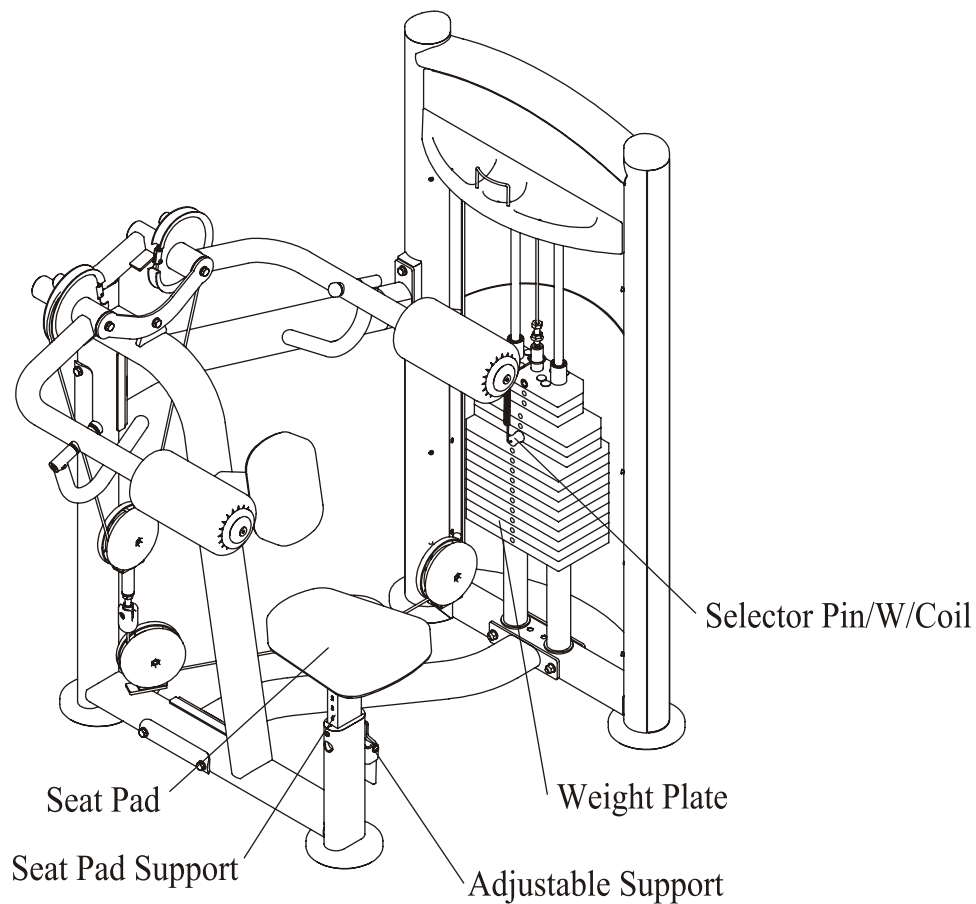
Adjust Instructions

Seat Pad adjustment

1. Push the Adjustable Support and adjust the Seat Pad to the desired position.
2. Make sure the pin gets into the hole completely.

The use of Selector Pin

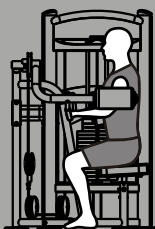
1. Select an appropriate weight and put the Selector Pin into the hole on it.
2. Make sure the Selector Pin gets into the hole completely.



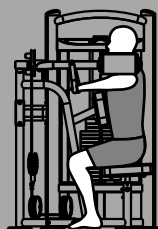
Exercise Instructions

LATERAL RAISE

Start

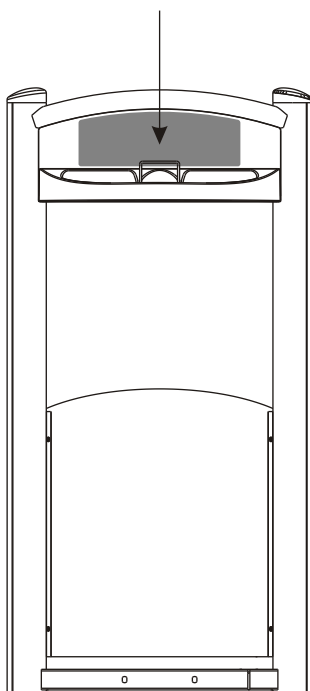
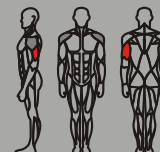


Finish



Exercise Instructions

1. Select an appropriate weight.
2. Adjust seat pad for desired position.
3. Holding handle bar rotate arms upward with a smooth.
4. Slowly return to the starting position.



Exercise Instructions

1. Select an appropriate weight.
2. Adjust seat pad for desired position.
3. Holding handle bar rotate arms upward with a smooth.
4. Slowly return to the starting position.
(Adjust weight according to the select pin)

Maintenance Schedule

ROUTINE	COMMERCIAL MAINTENANCE	HOME MAINTENANCE	LATEST DATE ENTRY						
Inspect; Links, Pull Pins, Snap Locks, Swivels, Weight Stack Pins	DAILY	WEEKLY							
Clean; Upholstery	DAILY	WEEKLY							
Inspect; Cables or Belts and their tension	DAILY	WEEKLY							
Inspect; Accessory Bars, and Handles	WEEKLY	3 MONTHS							
Inspect; All Decals	WEEKLY	3 MONTHS							
Inspect; All Nuts and Bolts, Tighten if needed	WEEKLY	3 MONTHS							
Inspect; Anti-Skid Surface	WEEKLY	3 MONTHS							
Clean & Lubricate; Guide Rods with a Teflon (PTFE) based lubricant (Superlube)	MONTHLY	3 MONTHS							
Lubricate; Seat Sleeves, Turcite Bushings, Linear Bearing	MONTHLY	3 MONTHS							
Clean and Wax; All Glossy Finishes	6 MONTHS	YEARLY							
Repack with Grease; Linear Bearings	6 MONTHS	YEARLY							
Replace; Cables, Belts and Connecting Parts	YEARLY	3 YEARS							

Your equipment comes with a commercial maintenance decal. For personal, in home use, please follow the home maintenance schedule listed above.

General Maintenance Information

Links, Pull-Pins, Snap Hooks, Swivels, Weight Stack Pins:

- * Check all pieces for signs of visible wear or damage.
- * Check springs in snap hooks and pull-pins for proper tension and alignment.
- * If the spring sticks or has lost its rigidity, replace it immediately.

Upholstery:

- * To ensure prolonged upholstery life and proper hygiene, all upholstered pads should be wiped down with a damp cloth after every workout.
- * Periodically take the time to use a mild soap or an approved vinyl upholstery cleaner to deter the onset of cracking or drying. Avoid using any abrasive cleaners or cleaners not intended for use on vinyl.
- * Replace ripped or worn upholstery immediately.
- * Keep sharp or pointed objects clear of all upholstery.

Decals:

- * Inspect and familiarize yourself with any safety warnings or other user information posted on each decal.

Nuts and Bolts:

- * Inspect all nuts and bolts for any loosening and tighten if needed.
- * Go through a re-tightening sequence periodically to ensure that all hardware is tensioned proper.

Anti-Skid Surfaces:

- * These surfaces are designed to supply secure footing and need to be replaced if they appear worn or become slippery.

Belts and Cables:

- * We use only high quality belt, and mil-spec cables.
- * Visually inspect the belts and cables for fraying, cracking, peeling or discoloration.
- * While the machine is not in use, carefully run your fingers along the belt or cable to feel for thinning or bulging areas.
- * Replace belts and cables immediately at the first signs of damage or wear. Do not use equipment until belts or cables have been replaced.

Belt and Cable Tension:

- * Referring to the Owners Manual, when belts or cables are used check all bolt attachments to be sure they are properly attached.
- * Check slack in cables and re-adjust cable tension if needed.

Seat Sleeves, Guide Rods:

- * Wipe down adjusting tubes with a dust free rag before applying lubricant.
- * Lubricate seat sleeves and Guide Rods with a Silicon or Teflon based lubricant spray.

Linear Bearings:

- * Referring to the Owners Manual carefully disassemble the bearing from its housing and place a finger full of light grease (lithium, super lube, etc.) into the inside of the bearing. Using your finger, press the grease into the ball-bearings and their tracks. Repeat until the ball-bearing tracks are full of grease. Insert the shaft back into the bearing and wipe off excess grease.

PLEASE KEEP THIS FOR YOUR RECORDS

Weight Training Tips

Use this manual to guide you through the basic exercises you can perform on your equipment. To gain maximum results and avoid possible injury, consult a fitness professional to develop your complete exercise program.

Always consult your physician before starting any exercise program.

To be successful in your exercise program, it is important to develop an understanding of the basic principles of strength training. Now that you have your equipment, it is only natural that you want to get started immediately. First, determine a set of realistic goals and objectives for yourself. By deciding on an exercise plan that is right for you prior to starting, you will contribute significantly to your success.

Warm up properly before engaging in weight resistance training. Stretching, yoga, jogging, calisthenics or other cardiovascular exercise can help prepare your body for the heavier workload of lifting weights.

Learn how to perform the exercise correctly before using heavy weight. Correct form is important to avoid injury and to ensure that you work the proper muscle groups.

Know your limitations. If you are new to weight training or are embarking on an exercise regimen after a long layoff, start slowly and build foundational strength over a longer period of time.

Pay attention to your breathing. Exhale when you exert is a general rule of thumb. Never hold your breath.

