

CooperSurgical

F9 Trolley

(For Medical Use)

Model MT-503N

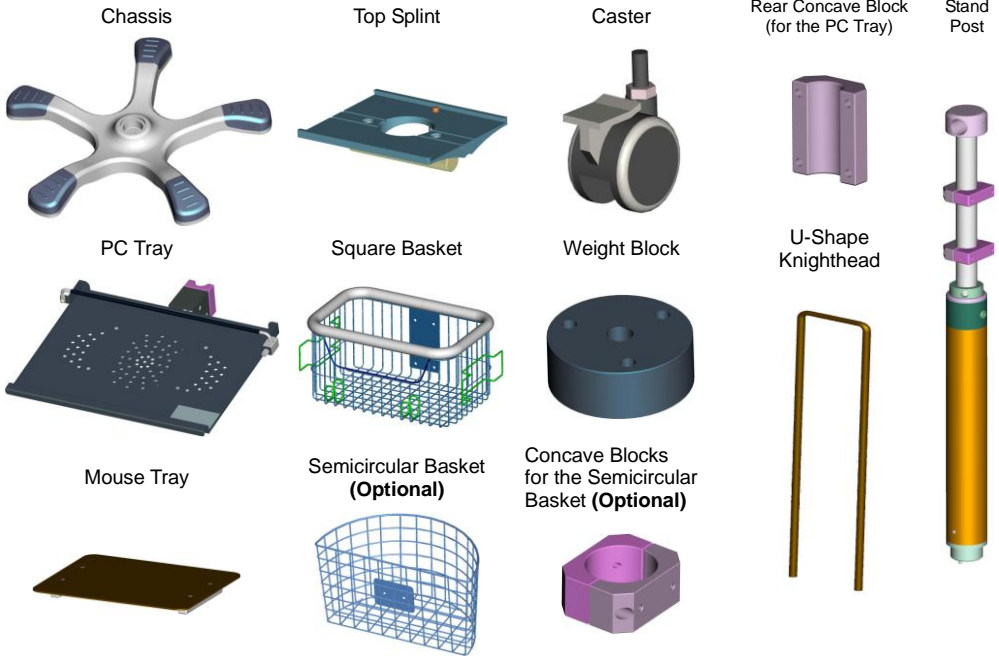
REF MS9-108166

Assembly Instructions

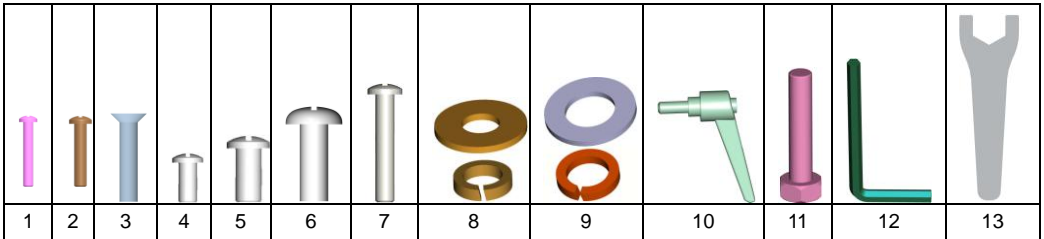
CE



Major Parts



Accessories



No.	Name	Quantity	Standby	Remark
1	M3x20 Screw	2 pcs	2 pcs	For F9&F6&Cadence
2	M3 x16 Screw	6 pcs	2 pcs	For F3&F2
3	M4x20 Screw	4 pcs	2 pcs	For FM20&FM30
4	M5x14 Screw	12 pcs	2 pcs	
5	M6x20 Screw	3 pcs	2 pcs	
6	M6x25 Limit Screw	1 pcs	1 pcs	
7	M4x35 Screw	1 pcs	2 pcs	
8	Φ10 Spring Washer + Plain Washer	1 set	1 set	
9	Φ12 Spring Washer + Plain Washer	5 sets	1 set	
10	L-Shape Angle Adjustment Handle	1 pcs	-	
11	M10x50 Bolt	1 pcs	-	
12	Hexangular Spanner	1 pcs	-	
13	Spanner	1 pcs	-	

NOTE:

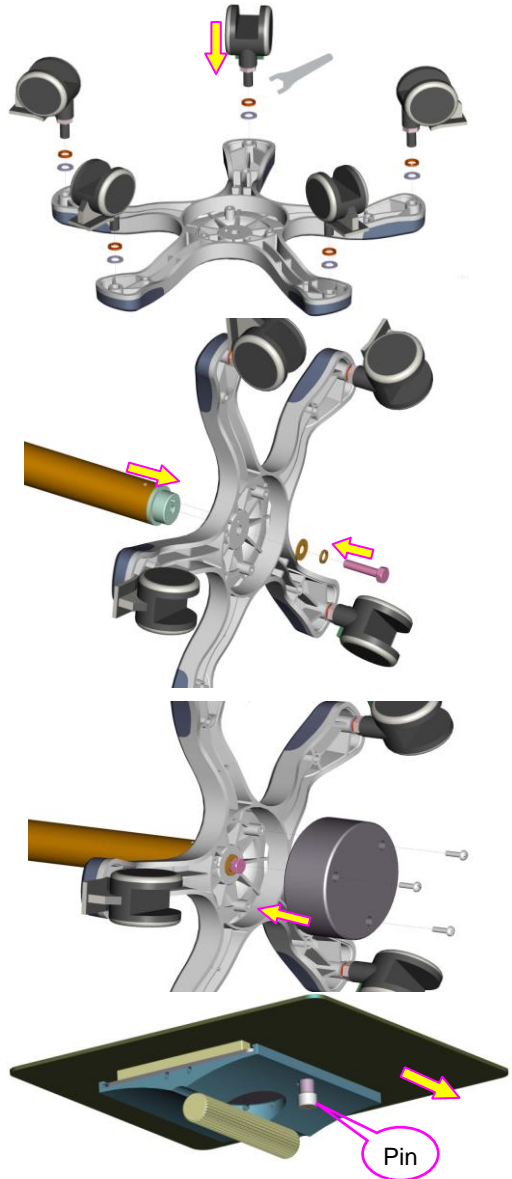
More screws are provided for standby in the package. Refer to the above table for the numbers of the screws actually needed.

Assembling the Trolley

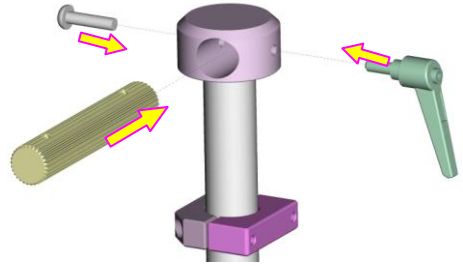
WARNING: Assembling and disassembling of the trolley should be performed by qualified service personnel authorized by the manufacturer.

NOTE: To ensure the trolley is steady, fix all screws firmly.

- 1 Open the package and collate all the parts with the packing list.
- 2 Take the chassis out and upturn it on the packing foam. Put a $\Phi 12$ spring washer and then a $\Phi 12$ plain washer on the bolt for each caster. Tighten the nuts of the five casters to the chassis using the provided spanner.
- 3 Tilt the chassis and insert the stand post into the groove of the chassis. Make sure they are jointed well. Put a $\Phi 10$ spring washer and a $\Phi 10$ plain washer on the M10x50 bolt, and then use the spanner to tighten it to the central hole in the chassis from the bottom.
- 4 Take the weight block out from the package, and fix it to the bottom of the chassis with three M6x20 screws.
- 5 The top splint and the adapter plate are assembled together in the package. Take them out, pull the pin downwards and slide them apart.



6 Loosen the two screws on the top splint to take out the rotary shaft. Store them in a safe place for latter refitting.

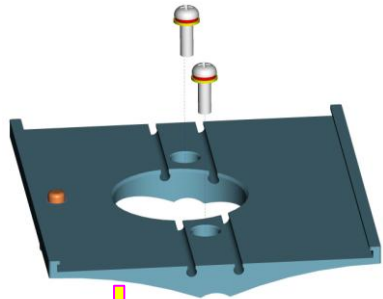


Push the shaft through the hole in the flange on top of the lifting post.

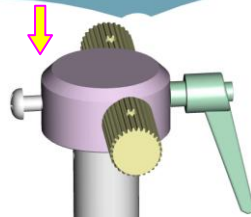
Insert the L-shape angle adjustment handle and the M6x24 limit screw into the two screw holes on the flange, but do not tighten them.

NOTE:

The L-shape angle adjustment handle should be put on the thinner side of the flange, while the limit screw on the other side.

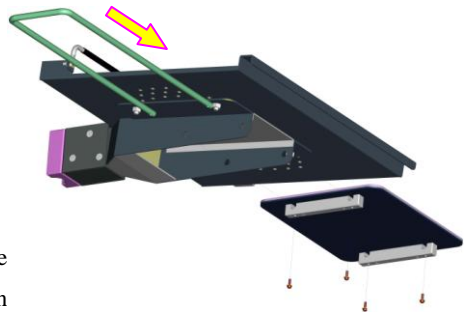


7 Place the top splint on top of the lifting post flange. Align its holes with the rotary shaft holes and fix them with the two screws that are taken off in step 6.



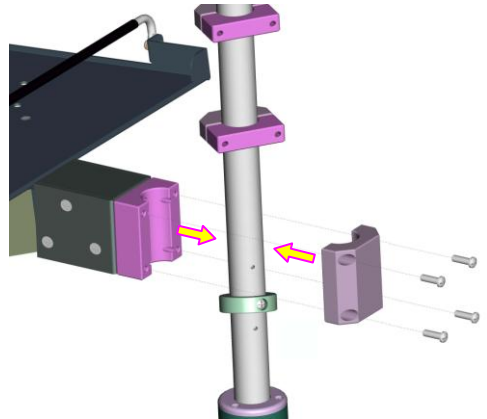
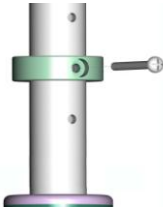
Tighten the L-shape angle adjustment handle and the limit screw.

8 If the mouse tray is needed, let the U-shape knighthead go through the four holes under the PC tray and then the four holes under the mouse tray. Fix it with four M3x10 screws from the bottom of the mouse tray.

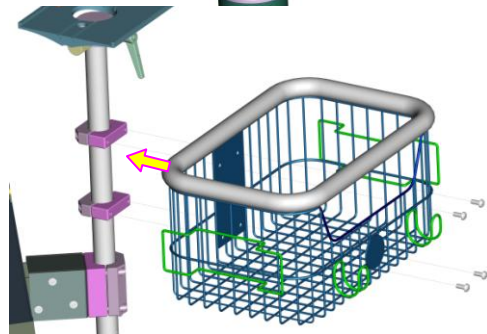


9 Adjust the lifting post to a certain height to show the holes on the post, using the procedues described in *Adjusting Height of Trolley* on page 6.

- 10 There are three pairs of screw holes on the lifting post. Slide the antiskid ring up to cover one set of the holes and fix it to the post with a M4x35 screw (the pair in the middle is recommended).



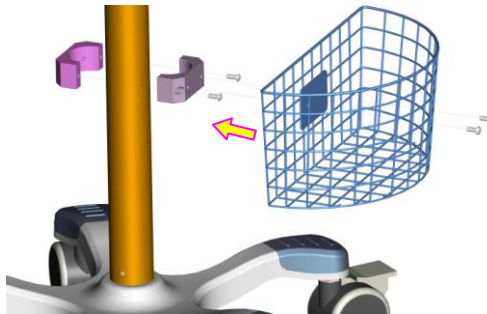
- 11 Hold the PC tray and its rear concave block to the lifting post above the antiskid ring, and then fix them with four M5x14 screws.



- 12 Level the square basket at the two concave blocks on the lifting post, and fix them with four M5x14 screws.

NOTE:

The edge of the square basket is also the handle, which can be held when moving the trolley.



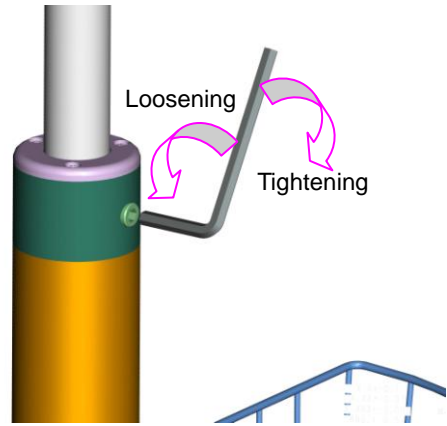
- 13 If the semicircle basket and its concave blocks are to be configured, install the blocks to a proper height on the stand post using two M5x14 screws first. Then level the basket at the block and fix them with two M5x14 screws. The assembling of the trolley is completed.

WARNING:

- 1) The safe load of the top splint is 8kg, and that of the PC tray is 3kg. Overweight may cause the device to lose balance and even fall over.
- 2) The baskets are provided for holding the accessories. But do not put more weight than 5 kg in the square basket, or more than 3 kg in the semicircular basket.
- 3) Perform overall check every 6 months and after each repairing, including safety check.

Adjusting Height of the Trolley

- 1 Pull the top splint pin downwards and slide the monitor (with the adapter plate) apart from the top splint. Remove the monitor.
- 2 Hold the lifting post with one hand, and insert the provided hexangular spanner into the hexangular screw at the joint of the posts. Anticlockwise rotate the spanner to loosen the screw. At this time, you can lift the post up or push it down.
- 3 Adjust the lifting post to a proper height and then rotate the spanner clockwise to tighten the screw.

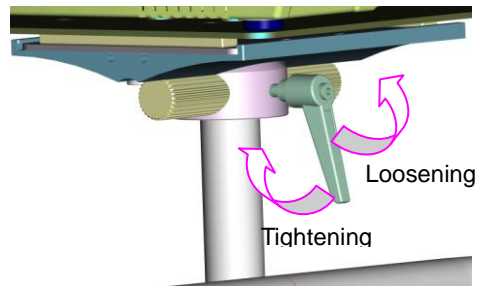


WARNING:

When adjusting the height of the trolley, you must remove the monitor (with the adapter plate) first, and then hold the lifting post firmly, preventing it from falling down unexpectedly and trapping your hands or hurting yourself.

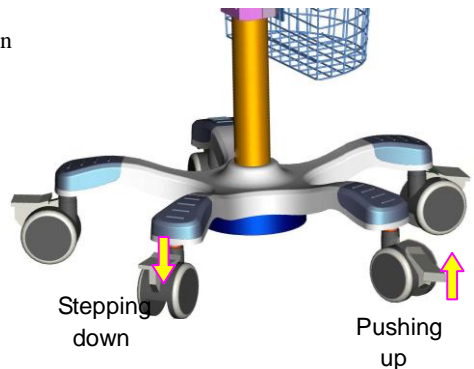
Adjusting Angle of the Top Splint

- 1 Hold the monitor steadily, anticlockwise rotate the L-shape angle adjustment handle to loose it. If the handle can not be rotated for being obstructed by the top splint, pull it out for about 2mm and rotate it again. At this moment the rotary shaft is active.
- 2 Adjust the top splint to a proper angle, and then rotate the handle clockwise to tighten it.



Moving the Trolley

- 1 The casters have brakes. When you need the trolley to stay still, step on the pedal of each caster to lock it.
- 2 When you need to move the trolley, push up the pedal of each caster to release it.





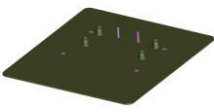

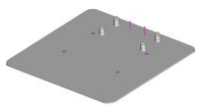



WARNING:

To avoid falling over, have one person available to hold the handle (the square basket frame) tight when moving the trolley up or down a/an step/incline.

Fixing a Monitor & PC to the Trolley

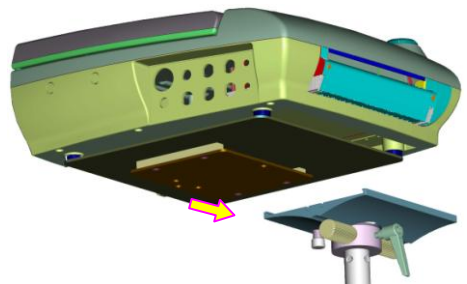
The trolley is designed to match different monitors, including F6, F9, CADENCE, CADENCE II, FM20 and FM30, using the corresponding adapter plate.

Monitors:			
			
F9 / F6	F2/F3	CADENCE / CADENCE II	FM20 / FM30
Adapter plates:			
			
02.01.108125	02.04.240184	02.04.115033	02.04.240027
Screws:			
M3 x 20 (2 pcs)	M3 x 16 (6 pcs)	M3 x 20 (2 pcs)	M4 x 20 (4 pcs)

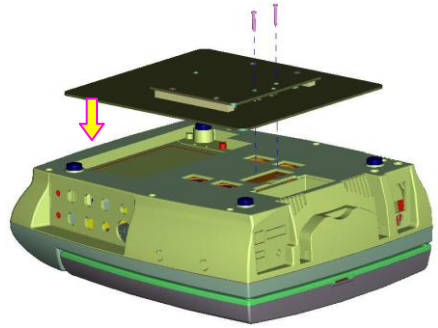
WARNING:

- 1) Make sure the trolley is firmly assembled and is in good condition before applying the monitor to it.
- 2) Make sure the weight on each caster does not exceed its safe load: 40 kg.

1 Take F9 as an example. Upturn the monitor. Align the adapter plate with the wall-mounting holes & screw holes. Fix them with two M3x20 screws.

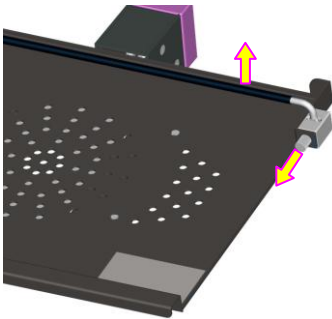


2 Turn the monitor over. Lift it and slide the adapter plate into the groove of the top splint sideways. When the board goes halfway, pull down the pin on the back of the top splint to allow the board to go through. Keep pushing the board in until the pin rebounds and clicks into the hole. The edges of the adapter plate and the top splint should match perfectly at this time.



3 There is a lock on the right edge of the PC tray. Pull its pin outwards to release the PC securing pole.

4 Place the notebook PC on the tray and open the screen. Put down the securing pole and pull the lock pin outward. When the tag end of the pole reaches the lock, release the pin.



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