

Optional Accessory:

PRECISION TABLE FOR HOIST

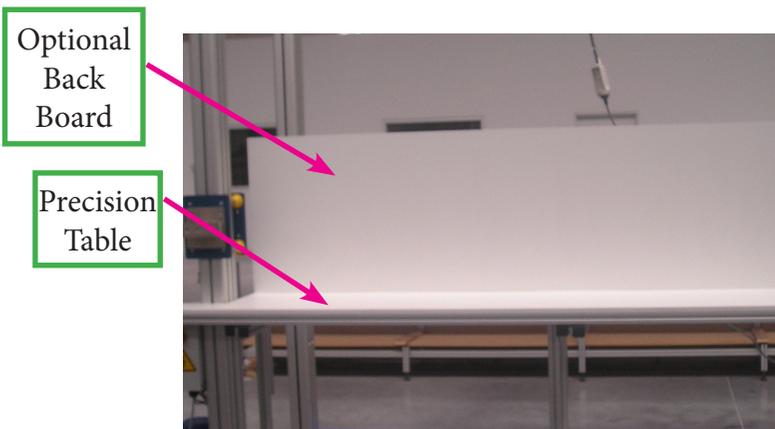
Precision Table is intended to be installed with the Acmeda Hoists. It helps the production by,

- Allowing to store all the parts needed to assemble the blind on the table. (To follow lean manufacturing process.)
- To ensure that the bottom rail is precisely square.
- Speeding up the testing and assembly process during production.
- Assisting blind manufacturers to ensure that blinds meet the quality standards, there by eliminating any rework requirements.

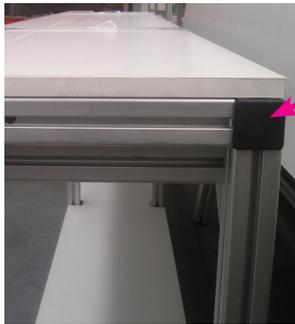
Main items of the Precision Table:

Table contains (Refer to Fig - 001),

- Retractable shelf.
- Top shelf (Fixed)
- Table Frame.
- A pair of Bottom stop blocks.
- Eight Channel nuts
- Four M6 Hexagon Socket Head Cap Screws
- Eight M8 Hexagon Socket Head Cap Screws.



Pic - 001
Precision Table with optional back board.



Pic - 002
End Caps

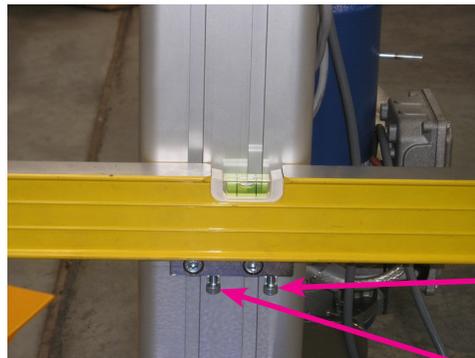
End Cap

Channel nut



Pic - 003

Cushion



Pic - 004

Rear of the Hoist

M6 Screws for levelling table.

Tools and other items required for installation,

- A set of allen keys
- A measuring tape
- A permanent marker pen (Optional for marking)
- A spirit level.
- Some packaging material (Cushion or bubble wrap)

Before commencing the installation of the Precision Table please ensure that,

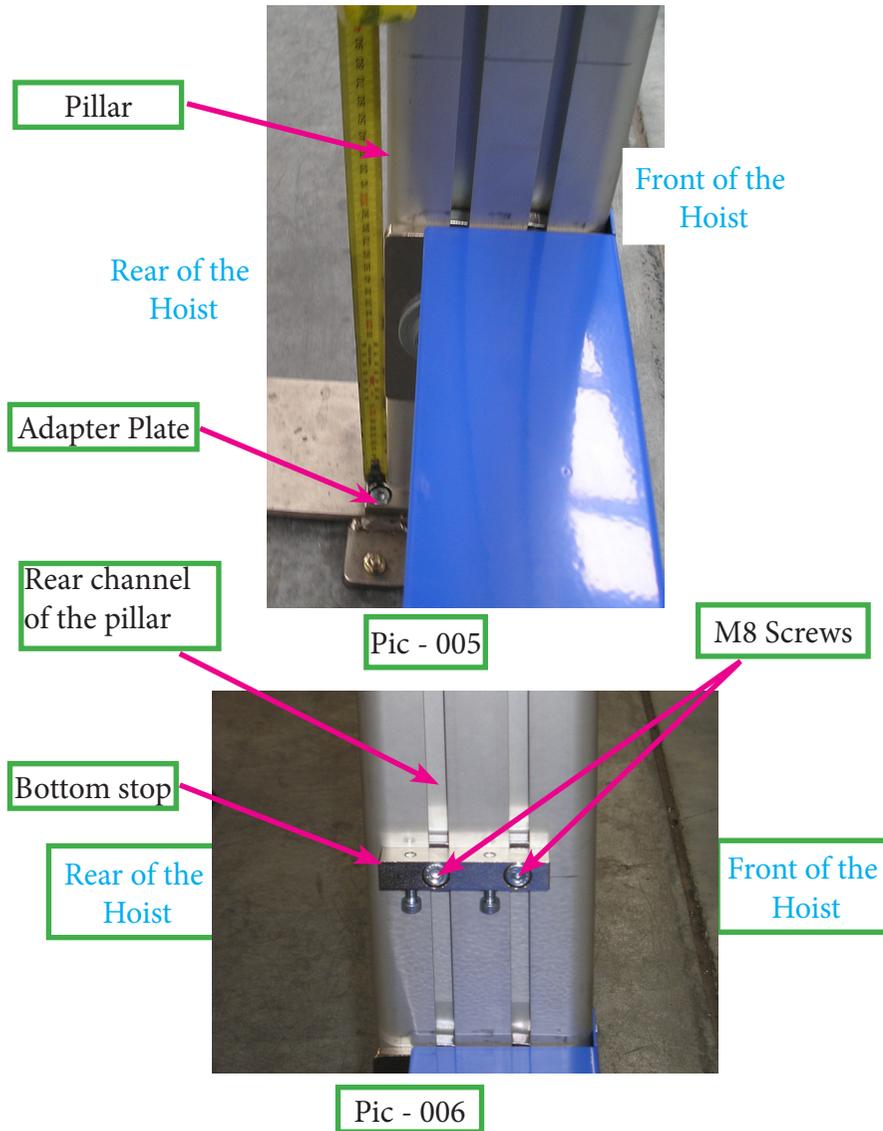
- Hoist is properly installed (If necessary refer to hoist installation manual)
- Identify the various parts according to the terminology used in these instructions and refer to Hoist manual if necessary.
- Remove end caps (2 on each side) from both sides of the table. (Refer Pic - 002)
- Check to see if the precision table fits between the pillars of the hoist if the table does not fit, undo the Adapter plate Screws slightly and allow the pillars slightly move away so that the table fits, these screws must be tightened after completion of installation.



Two persons will be required for lifting the table while inserting the table.

Installation Procedure:

1. Orient the bottom stop so that the M6 Screw holes are towards the rear of the hoist (Refer Pic - 004).



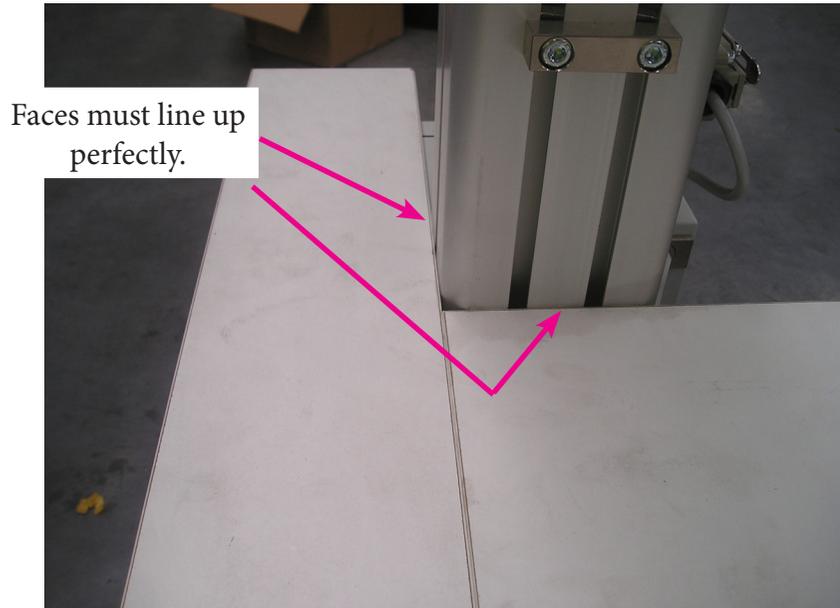
2. Using the measuring tape set 385mm from the top of the Adapter Plate (Refer Pic 005) to the Bottom face of the Bottom Stop and position the bottom stop, lightly tighten the M8 screws.
3. Using the spirit level ensure the Bottom stop is Levelled recheck the distance and adjust the distance (385) if necessary and fully tighten the M8 screws. (Refer Pic - 005)
4. Repeat steps 1 to 3 and set the bottom stop at the other end.
5. Insert the Channel nuts (Refer Pic-003) into the **rear channel** of the Pillar, and approximately position the channel nuts to line up with the corresponding holes on the table frame. (Use soft material either cushion or bubble wrap to temporarily retain the nut in position.)
6. *Insert the precision table inbetween the Pillars and resting the bottom of the frame resting on the bottom stops.

Note:

Two persons will be required for lifting the table while inserting the table.

⚠ If the Table does not fit between the pillars the adapter plates must to be slightly loosened to allow the pillars to move away and allow the table to fit. Which must be fully tightened on completion of the table installation.

7. Line up the channel nuts with the precision table frame mounting holes and engage the M8 screws through the frame into the channel nuts.



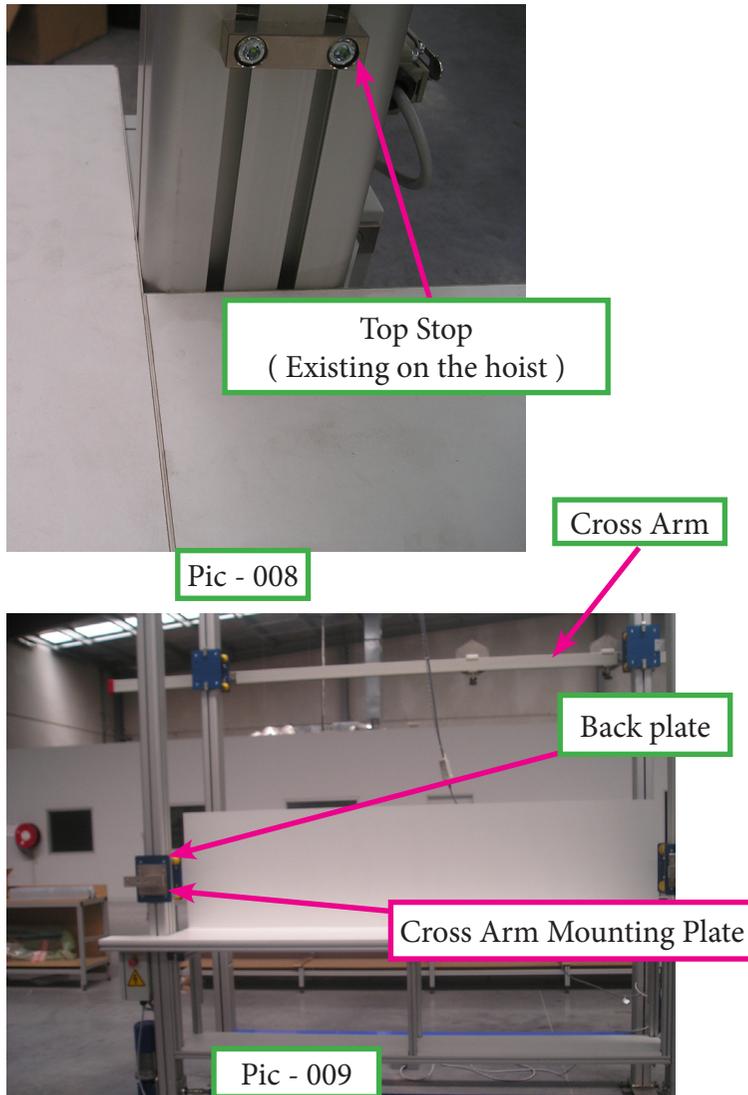
Pic - 007

Bracket below Top Shelf (fixed)



Pic - 008

8. Ensure that the Surfaces of the Precision Table are perfectly lined up with the Pillar surfaces as shown in the Picture Pic - 007, on both sides of the table. (This will not line up only if the pillars are not set up properly).
9. Check the table with the spirit level to ensure that the table is levelled. (If any adjustments are required, use the M6 screws on the bottom stop to level the table).
10. Once the table is levelled fully tighten the table frame (M8 Screws)
11. If any adjustments are made during levelling, undo the Bottom stop and undo the M6 levelling screws, push the bottom stop against the table frame, ensuring face contact between the stop and the frame, retighten the Bottom stop block fully.
12. Check for the alignment of the retractable shelf and fixed table top shelf surfaces. They must be perfectly lined up (retractable shelf must be fully pushed in) if not adjust the bottom brackets (refer Pic -007) below the fixed top shelf, to lift up or to move down the retractable shelf.



13. Measure from the precision table top to the bottom surface of the Top Stop (Existing on the Hoist), it should be 140mm.
14. Measure from the bottom of the cross arm to the table top at both ends and in the middle, they must all read same size, indicating that the table is parallel to the cross arm. If not adjust the cross arm on the hoist. (There are screws on the back plate which can be slightly loosened and the cross arm mounting plate could be moved up or down). (Refer Pic - 009)
15. Ensure that the adapter plate screws are fully tight.

Note:

Pic -009 shows two hoists mounted back to back. Cross arm shown refers to the rear hoist. Front hoist cross arm is removed for clarity to show the Cross arm mounting plate and Back plate.

If the hoist is installed properly and the installation procedure for the Precision Table is executed accurately the Cross Arm must end up parallel to the table top.

When the parallelity is acheived the table is set and ready to run the production.