

Removing the electronics cover

Step 1

- On the image on the right, the green rectangle indicates the cover which has to be removed.
- The X-300 has to be connected to a computer on which the virtual pendant software is configured and registered.
- Switch on machine and computer.
- Home the spindle, then, using the jog keys, move the spindle to approximately the middle of the X-axis and all the way to the front of the machine (see image on the right below).
- Next, switch off the machine.

Step 2

- Remove the M4 screw with the black plastic cover support, indicated by a yellow arrow.
- Remove the M4 buttonhead screws, indicated by a green arrow.
- Remove the M4 buttonhead screw, indicated by a blue arrow. Be careful not to mix the screws indicated with a green arrow with the one indicated with a blue arrow. The one indicated with a blue arrow is shorter and must be replaced on the same spot when re-assembling.
- Put all of these screws in a safe space.
- Slide the left Y-axis belt cover off and put it away together with the screws.

Step 3

- Remove the M4 screw with the black plastic cover support, indicated by a yellow arrow.
- Remove the M4 buttonhead screws, indicated by a green arrow.
- Remove the M4 buttonhead screw, indicated by a blue arrow. Be careful not to mix the screws indicated with a green arrow with the one indicated with a blue arrow. The one indicated with a blue arrow is shorter and must be replaced on the same spot when re-assembling.
- Put all of these screws in a safe space.
- Slide the right Y-axis belt cover off and put it away together with the screws.

Step 4

- Remove the 4 button head M4 screws on the right of the X-300 (indicated with green arrows in the image on the right).
- Remove the 3 button head M4 screws on the left of the X-300 (indicated with green arrows in the image on the right).

Step 5

- Remove the 3 M4 button head screws at the rear of the machine, indicated with a green arrow in the image on the right.
- Remove the 4 M5 button head screws at the front of the large electronics cover (see image below right).
- The large electronics cover is now free, but in order to be able to remove it,

two little screws have to be removed, which fix the end of the chain to the chassis. First gently cut loose the 2 straps which fix the cable to the chain. (see images below).

Step 6

- Gently lift the cover up by the 2 lips, one on the left of the cover and one on the right (see image on the right).
- Sometimes it is a bit difficult to lift up the right backend of the cover. Slide a finger at the right under the cover and move towards the rear, then pull it up. Gently shift the cover to the left under the chain as shown in the image on the left.

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