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 pendent 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, indicatedbya 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 arroww 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 headM 4 screws on the left of the X-300 (indicated with green arrows in the image on the right).

Step 5

• Removethe3 M4 button headscrewsat therearof themachine, indicatedwitha green arrowin theimage on theright. • Removethe4M5buttonheadscrewsat thefrontof thelarge electronics cover (seeimage below right). • The large electronics cover is nowfree, but in order to beableto removeit,

twolittlescrewshave to beremoved, whichfix theend of thee-chain to thechassis. First gentlycut loosethe2 strapswhichfix thecablesto thee-chain. (seeimages below).

Step 6

• Gentlylift thecover up bythe2 lips, oneon theleftof thecover andoneon theright (seeimage on theright). • Sometimesitis a bit difficultto lift up theright backend of thecover. Slide a fingerat theright underthecover andmove towardstherear, thenpullitup. Gentlyshift thecover to theleftunderthee-chain asshownin theimage on theleft.

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