

# Replacing the OP500 CRT Monitor by the Monitor Unit FSU203

**General Hints**

The Monitor Unit FSU203 (item number 118.306.166) replaces the CRT monitors of the operating stations OP500 (item numbers 729.150.06, 729.150.061, and 729.150.062) and OP500A (item number 729.150.262). The CRT monitors with the following item numbers can be replaced:

118.306.061  
118.306.062  
118.306.063  
118.306.064

**Scope of Delivery**

Count	Item Number	Description
1pc.	118.306.166	Monitor Unit FSU203
1pc.	118.306.802	Active Video Cable

**Installation Instructions**

1. Demount the panel front from the chassis. Therefore, unscrew the six hexagon screws at the front.
2. Remove the cover of the CRT monitor and the mounting brackets of the cover. Both is no more used.
3. Unscrew the four screws that are used to mount the monitor on the chassis. Remove the CRT monitor from the chassis.
4. Remove the shielding shroud located under the CRT monitor. Remove the distance profiles, that are bonded on the cross bar. The shielding shroud and the profiles are no more used.
5. Depending on the type of the previously installed CRT monitor, the installation height of the flat screen must be adjusted. Therefore, corresponding to the CRT monitor, the lower, central, or upper mounting holes at the chassis of the FSU203 must be used. The installation height can be determined by use of the item number or the serial number of the OP500/OP500A:

Item Numbers	Serial Numbers	Installation Height
729.150.06	22754, 22790, 22999	upper
729.150.061	23006 to 25601	central
729.150.062, 729.150.262	starting from 25746	lower

6. Mount the Monitor Unit FSU203 at the cross bars. Therefore, use the provided screws (M4 or M5).
7. Remount the panel front at the chassis.
8. Feed the active video cable into the cable channel. Mount and tighten the 9-pin D-sub plug of the video cable (labeled with WF470) at the socket X6 of the WF470. Plug the yellow banana plug of the video cable into the yellow socket at the power supply of the CNC D150. Analogously, plug the red plug into the red socket.
9. Mount and tighten the 9-pin D-sub socket of the active video cable (labeled with FSU203) to the FSU203.
10. According to the connection diagram on page 4, connect the free wires of the power supply adapter cable to the clamp rail.
11. The clamp rail block can be mounted at the front or rear cross bar.

Connection Diagram:

