Universal Debris Removal Cabinet

Installation Procedure

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Creo
3700 Gilmore Way
Burnaby, BC
Canada V5G 4M1

(604) 451-2700

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Revision History

Revision	Date	Author	Comments
A	24 March 2003	Vince Beyer	Initial release

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1 SITE PREPARATION

Before installing the Universal Debris Removal Cabinet (UDRC), check that the site meets all the requirements given in the *Site Preparation and Requirements* document (73-3724 for UDRC-Bx; 73-3725 for UDRC-Lx).

2 UNPACKING

2.1 Crate Inspection

Inspect the UDRC crate for any signs of damage caused by moisture, improper packing, tipping, dropping, stacking, or mishandling. Record any problems on the Installation Report form and immediately report them to both Creo and the delivery company.

2.2 Unpacking the UDRC

1. Open the shipping crate. Inspect the contents for damage and record any problems on the Installation Report form.
2. Remove and verify the contents of the crate according to the shipping label. In addition to the UDRC, there should be a box containing a data cable, power cord, large diameter hose, hose clamps and user manual.
3. Move the UDRC to its permanent location by pushing it on its casters. When going over obstacles, ensure that the adjustable feet do not get damaged.

3 INSTALLATION

1. Manually lower the adjustable feet until they are touching the ground. See Figure 1.

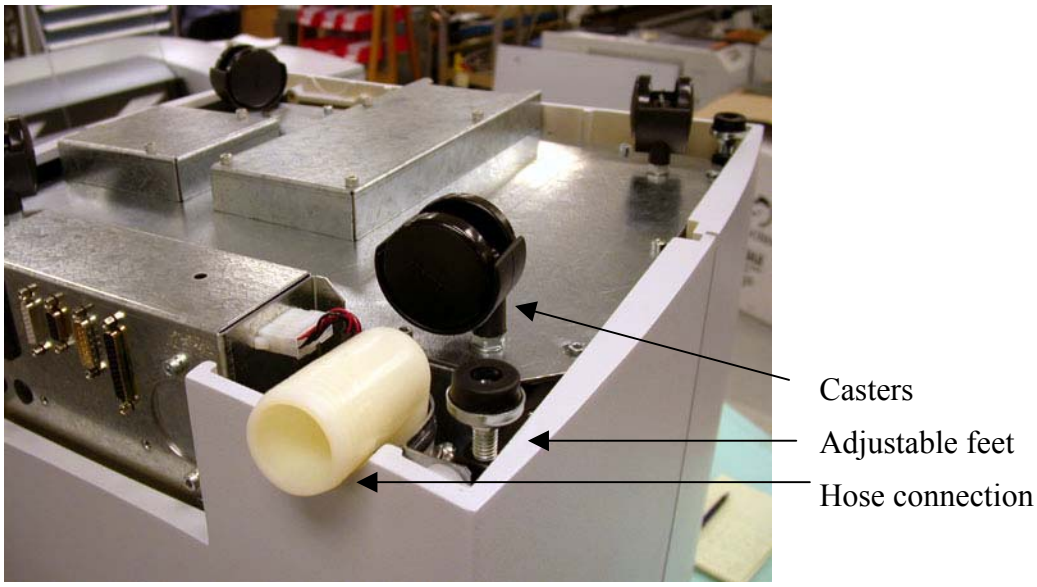


Figure 1: Adjustable feet (cabinet upended)

2. Use an adjustable wrench to lower the feet further, until the casters are off the ground. Visually check that the UDRC is level.

   The UDRC should now be stable. It must not move or topple over when pushed sideways.

3. Connect the debris hose to the Creo output device with a hose clamp. The connection is either directly to a bulkhead fitting or to a hose connector at the end of a short length of hose coming from the output device. See Figure 2.

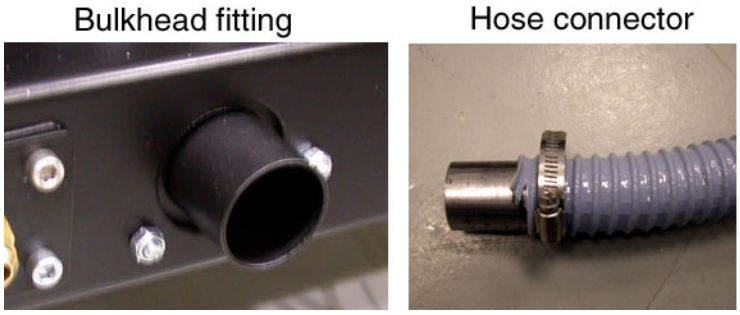


Figure 2: Hose connection at output device
(bulkhead fitting may vary slightly)

4. Connect the other end of the debris hose to the UDRC bulkhead fitting with a hose clamp. See Figure 3.

5. Connect the data cable to the output device data port. If the output device data port has an external chiller connected to it, disconnect the chiller cable and connect it to the data port provided on the UDRC.

   Note: Some Lotem and Lotem Quantum devices are shipped with their own custom data cable, to be used instead of the data cable shipped with the UDRC. Please keep the cable shipped with the UDRC, since it may need to be used for a future upgrade.

6. Connect the other end of the data cable to the UDRC. See Figure 3.

7. Connect the power cable to the UDRC. See Figure 3.

8. Connect the other end of the power cable to the electrical outlet on the wall.

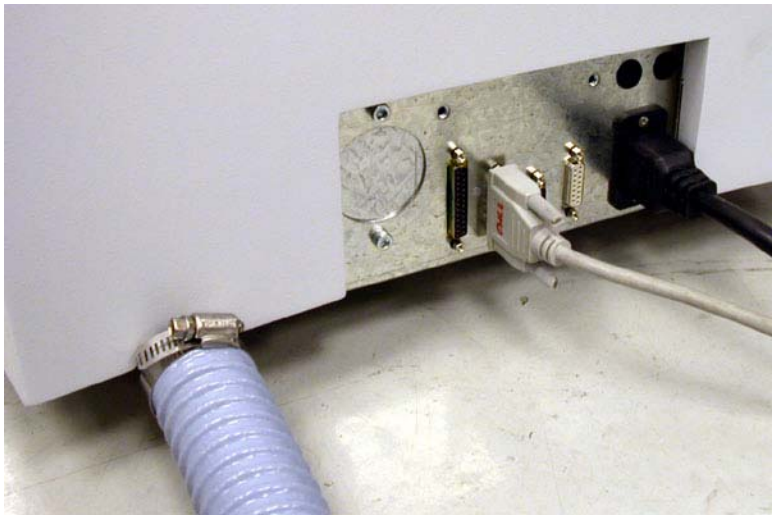


Figure 3: Connections at the UDRC

4 OPERATIONAL CHECK

The UDRC does not have a dedicated on/off switch. It is controlled by the firmware in the Creo output device.

When the UDRC is on, the green light on the top of the UDRC indicates that the power relay in the UDRC is activated. An audible hum will also indicate that the blower inside the UDRC is running.

If there is a problem in the UDRC unit, the workstation monitor will report the error found. For troubleshooting help, enter the error number under **Error Number Search** on the Firmware Error Search form in TechPlanet:

http://techplanet.creo.com/firmware/fw1ctpxml/search.htm (MCE)

http://techplanet.creo.com/firmware/fw0ctpxml/search.htm (MPE)

Note: To troubleshoot Lotem Control Software, use the MCE Firmware Error search form above. If no error number is available, enter a text string in the **Error Message** field.

For further information, see the *Debris Removal Firmware Guide (750-00001A)* in TechPlanet: *http://techplanet.creo.com/output/heads/debris_removal/nav/control-set.htm*

5 OPERATOR TRAINING

Train the customer on how to replace the UDRC filter(s), as shown in the *UDRC Operator Manual (03-4200B)*:
http://techplanet.creo.com/output/heads/debris_removal/nav/reference.htm