Installation Notes

English

Brisque External Tower 73 GB or 146 GB (SCA)

399Z1P527D

www.creo.com

Copyright

Copyright © 2002 Creo Inc. All rights reserved.

No copying, distribution, publication, modification, or incorporation of this document, in whole or part, is permitted without the express written permission of Creo. In the event of any permitted copying, distribution, publication, modification, or incorporation of this document, no changes in or deletion of author attribution, trademark legend, or copyright notice shall be made.

No part of this document may be reproduced, stored in a retrieval system, published, used for commercial exploitation, or transmitted, in any form by any means, electronic, mechanical, photocopying, recording, or otherwise, without the express written permission of Creo Inc.

This document is also distributed in Adobe Systems Incorporated's PDF (Portable Document Format). You may reproduce the document from the PDF file for internal use. Copies produced from the PDF file must be reproduced in whole.

Trademarks

The Creo wordmark, Creo logo, and the names of the Creo products and services referred to in this document are trademarks of Creo Inc.

Other brand or product names are the trademarks or registered trademarks of their respective owners.

FCC Compliance

The Creo equipment referred to in this document complies with the requirements in Part 15 of FCC Rules for a Class A computing device. Operation of the Creo equipment in a residential area may cause unacceptable interference to radio and TV reception, requiring the operator to take whatever steps are necessary to correct the interference.

Limitation of Liability

The product, software or services are being provided on an "as is" and "as available" basis. Except as may be stated specifically in your contract, Creo Inc. expressly disclaims all warranties of any kind, whether express or implied, including, but not limited to, any implied warranties of merchantability, fitness for a particular purpose and non-infringement.

You understand and agree that Creo Inc. shall not be liable for any direct, indirect, incidental, special, consequential or exemplary damages, including but not limited to, damages for loss of profits, goodwill, use, data or other intangible losses (even if Creo has been advised of the possibility of such damages), resulting from: (i) the use or the inability to use the product or software; (ii) the cost of procurement of substitute goods and services resulting from any products, goods, data, software, information or services purchased; (iii) unauthorized access to or alteration of your products, software or data; (iv) statements or conduct of any third party; (v) any other matter relating to the product, software, or services.

The text and drawings herein are for illustration and reference only. The specifications on which they are based are subject to change. Creo Inc. may, at any time and without notice, make changes to this document. Creo Inc., for itself and on behalf of its subsidiaries, assumes no liability for technical or editorial errors or omissions made herein, and shall not be liable for incidental, consequential, indirect, or special damages, including, without limitation, loss of use, loss or alteration of data, delays, or lost profits or savings arising from the use of this document.

Patents

This product is covered by one or more of the following U.S. patents:

4456924	5247352	5412737	5600448	5802034	5996499	6136509
4500919	5249067	5420702	5608822	5813346	5998067	6147789
4558302	5283140	5420722	5615282	5818498	6003442	6158345
4743091	5291273	5459505	5625766	5854883	6014471	6159659
4992864	5296935	5473733	5636330	5861904	6016752	6164637
5049901	5313278	5481379	5649220	5861992	6031932	6180325
5079721	5323248	5488906	5650076	5864651	6043865	6181362
5103407	5325217	5497252	5652804	5875288	6060208	6181439
5111308	5331439	5508828	5691823	5894342	6063528	6186068
5113249	5333064	5509561	5691828	5900981	6063546	6189452
5122871	5339176	5517359	5696393	5934196	6072518	6191882
5124547	5343059	5519852	5699174	5942137	6090529	6204874
5132723	5355446	5526143	5699740	5946426	6096461	6208369
5150225	5359451	5532728	5708736	5947028	6098544	6252522
5153769	5359458	5561691	5713287	5958647	6107011	6260482
5155782	5367360	5568595	5739819	5966504	6112663	
5157516	5367388	5576754	5742743	5969872	6115056	
5208818	5384648	5579115	5764381	5973801	6121996	
5208888	5384899	5592309	5771794	5986819	6130702	
5247174	5412491	5594556	5785309	5995475	6134393	

Creo Inc.
3700 Gilmore Way
Burnaby, B.C., Canada
V5G 4M1
Tel: (1) (604) 451-2700
Fax: (1) (604) 437-9891

http://www.creo.com

399Z1P527D

Revised January 2003

Brisque External Tower 73 GB or 146 GB (SCA) Installation Notes

Introduction 2

External Tower Components 2

Additional Disks for Tower 3

Ultra SCSI Board Kit (Optional) 4

Unpacking and Assembling An External Tower 5

Connecting an External Tower to the Brisque 7

Installing an Additional Drive 8

Spare Parts List 8

Maintenance 8

1.1 Introduction

The new Brisque External Tower is based on the 4-bay FORTRATM™ Desktop enclosure, which supports single-ended and Ultra2/Ultra3 (LVD) SCSI disks, and can be connected to single-ended SCSI or Ultra2/Ultra3 (LVD) SCSI bus.

The enclosure is supplied with one (1) 73 GB or146 GB hard disk installed. Optionally, up to three (3) additional 73 GB or 146 GB Single Connector Attachment (SCA) drives can be installed.

The enclosure is easy to install and maintain on-site. The power supply and all drives are inserted from the front of the unit and plugged into the connectors on the passive backplane.

Since the Brisque application does not support removable disk drives, it is not allowed to move drives from one tower to another.

The Brisque External Tower is supplied with the original FORTRATM Installation Guide.

1.2 External Tower Components

1.2.1 73 GB External Tower Component

To install the 73 GB External Tower kit (501S4L086), make sure that you have the following components:

No.	Description	P/N
1	SCSI-3 SE/LVD M.Mode Termination	184G50075 or 184G50090
2	SCSI-3 cable (68PIN PLGX2)	199D20031
3	ULTRA VHDCI 68 TO HPDB 68, 1.5M	199D50465
4	FORTRA 4DR, 1Channel, LVD, Enclosure	370N10080
5	73 GB USCSI320 SCA 10K disk drive	607A20458
6	The Brisque External Tower Kit (OSP) includes:	510K1P502
	• U/D for Disk Drives - AIX 4.x.x diskette	501V1P315B
	• Brisque External Tower Installation Notes.	399Z1P527D

Note:
Use #2 if the SCSI port on your computer is a regular 68 pin port.
Use #3 if the SCSI port on your computer is a high-density 68 pin port.

1.2.2 146 GB External Tower Components

To install the 146 GB External Tower kit (010-00072A), make sure that you have the following components:

No.	Description	P/N
1	SCSI-3 SE/LVD M.Mode Termination	184G50075 or 184G50090
2	SCSI-3 cable (68PIN PLGX2)	199D20031
3	ULTRA VHDCI 68 TO HPDB 68, 1.5M	199D50465
4	FORTRA 4DR, 1Channel, LVD, Enclosure	370N10080
5	146 GB USCSI320 SCA 10K disk drive	607A20460
6	The Brisque External Tower Kit (OSP) includes:	510K1P502
	• U/D for Disk Drives - AIX 4.x.x diskette	501V1P315B
	• Brisque External Tower Installation Notes.	399Z1P527D

Note:
Use #2 if the SCSI port on your computer is a regular 68 pin port.
Use #3 if the SCSI port on your computer is a high-density 68 pin port.

1.3 Additional Disks for Tower

1.3.1 Additional 73 GB Disks for External Tower SCA Kit

You can order up to three (3) additional 73 GB disks for the External Tower SCA kit (501R49401).

Each additional 73 GB External Tower kit (501S4L086) contains the following components:

No.	Description	P/N
1	73 GB USCSI160 SCA 10K disk	607A20458
2	U/D for Disk Drives - AIX 4.x.x diskette	501V1P315B

1.3.2 Additional 146 GB Disks for External Tower SCA Kit

You can order up to three (3) additional 146 GB disks for the External Tower SCA kit (015-00111A).

Each additional 146 GB External Tower kit (015-00111A) contains the following components:

No.	Description	P/N
1	146 GB USCSI160 SCA 10K disk	607A20460
2	U/D for Disk Drives - AIX 4.x.x diskette	501V1P315B

1.4 Ultra SCSI Board Kit (Optional)

Select an Ultra SCSI board kit if you require an additional SCSI adapter:

Brisque Platform	No	Description	Kit P/N	Board P/N
E30, 43P	**1**	Ultra SCSI PCI-Bus Adapter	501R44705	605B00300
F50 with IBM AIX 4.2.1	**2**	Dual CH. Ultra-2 LVD	015-00112A	605B00301
44P, F50, and 6F1with IBM AIX 4.3,3	**3**	Dual CH. Ultra-3 LVD	015-00113A	605B00303

1.5 Unpacking and Assembling An External Tower

For detailed information on canister removal/insertion and locking/unlocking refer to the FORTRATM Installation Guide, section Device Installation on pages 13-14.

To unpack the Tower:

1. Unpack the tower as shown on *Unpacking the Brisque External Tower* on page 6.
2. Insert the power supply canister, the 73 GB or 146 GB drive canister and three empty canisters into the slots as shown below:

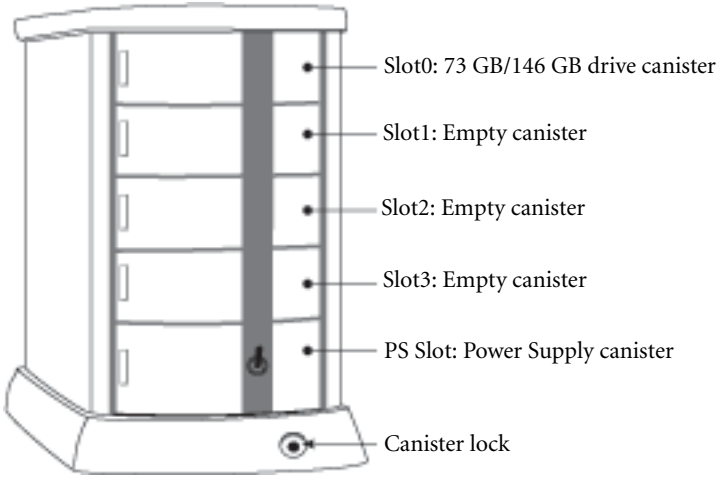


Figure 1: Slot numbering sequence

3. Connect one of the SCSI cables (included with the kit) to the upper (or lower) SCSI connector on the back of the tower (see note on page 3).
4. Attach the SCSI termination (included with the kit) to the other connector on the tower.
5. Lock the Canister Lock to prevent unwanted removal of the canisters (keys are located on the back of the unit).

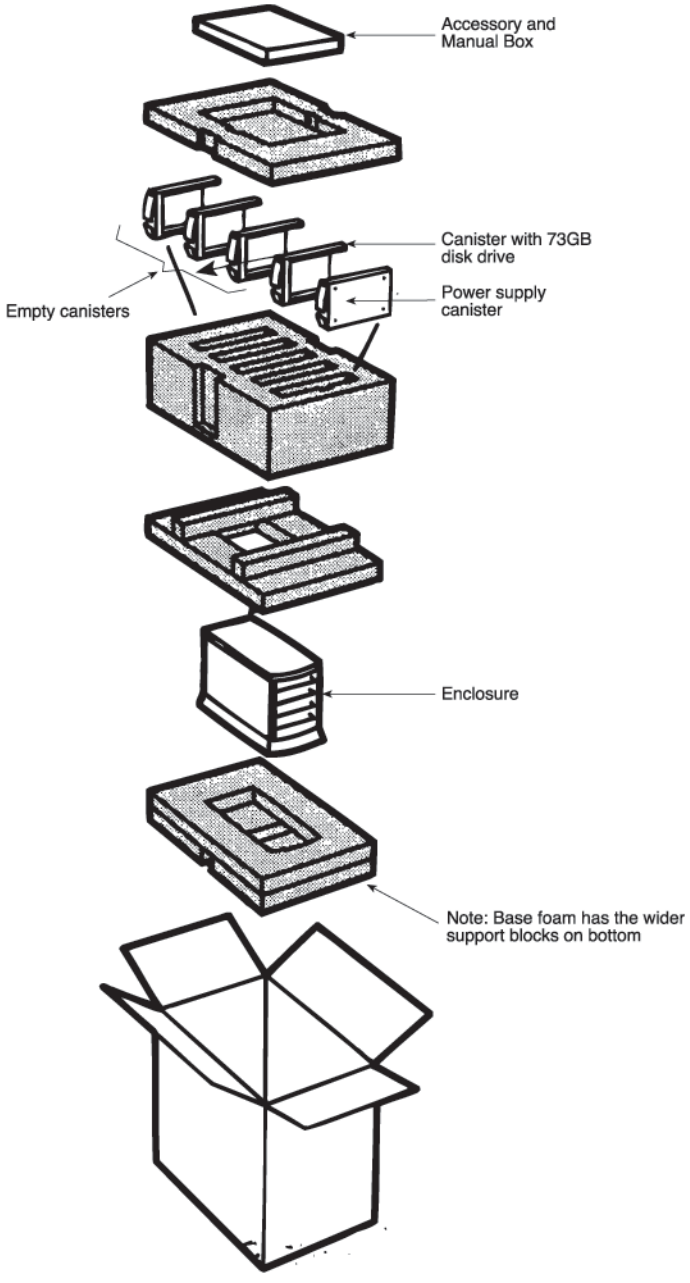


Figure 2: Unpacking the Brisque External Tower

1.6 Connecting an External Tower to the Brisque

1. Log out from the Brisque application.
2. Log in as **root** and type your password.
3. Insert the **U/D for Disk Drives - AIX 4.x.x** diskette into the floppy drive.
4. From the command line, run:
   ```
   # tar xvf /dev/fd0
   # add_stanza
   ```
5. Shut down the Brisque properly.
6. Connect the other end of the SCSI cable to the Brisque as follows:
   - E30 - SCSI PCI adapter in Slot #2
   - 43P - SCSI PCI adapter in Slot #5
   - 44P - On board SCSI external port
   - F50 - On board SCSI external port
   - 6F1 - On board SCSI external port
     or
     SCSI PCI adapter in slot #4.



Important: If the Brisque is already connected to the Iris proofer, an additional SCSI board is required.

7. Check that the left Rotary switch is set to SCSI ID #0 for the upper drive, and to #1, #2, #3 for the other drives accordingly (see the original FORTRA™ Installation Guide, page 16).
8. Plug the power cord into the tower.
9. Power up the tower and the Brisque
10. Configure the new drive via Scismit:
    SciSsmit -> Devices -> Fixed Disks -> Configure New Disk.

1.7 Installing an Additional Drive



For detailed information on how to install an additional drive refer to the original FORTRAT™ Installation Guide, section Device Installation, page 14.

After installing the drive, configure the new drive via Scismit:
SciSmit -> Devices -> Fixed Disks -> Configure New Disk.

1.8 Spare Parts List

No.	Description	Part No.
1	Power supply	605S00070
2	SCSI-3 cable (68 pin PLGx2)	199D20031
3	Ultra VHDCI 68 to HPDB 1.5M	199D50465
4	Blower	605S00071
5	Terminator	184G50075 or 184G50090
6	73 GB Disk	607A20458
7	146 GB Disk	607A20460

1.9 Maintenance

To replace spare parts such as power supply, blower, or disk refer to the original FORTRAT™ Installation Guide.

www.creo.com | creo™