**IBM**

**STG - Systems**

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Procedure Description

# Blade Server Packaging Instructions : Single Wide Blade - MT 8844 and 0792

NOTE: This document is designed to be used online. You are responsible to use only the "Production" version online.

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IMPORTANT NOTICE: The Federal Aviation Administration requires certification that packages shipped by air do not contain explosives, hazardous materials, incendiaries or other destructive devices. Therefore, just prior to sealing the carton, you must inspect its contents to confirm that it contains only parts specified on the IBM bill of materials. If the contents meet specifications, then seal the carton with IBM logo tape or another tamper evident indicator specified on the bill of materials. The logo tape or tamper evident seal will indicate that the carton can be certified to meet FAA standards for air shipment. If you discover parts or devices that appear suspicious (whether or not potentially explosive), carefully secure the carton on the line and notify IBM management promptly.

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- Information contained in this document is for reference purposes only.

- Process and Part Numbers may vary in each manufacturing location.

- Refer to local site procedures and Bill of Materials for any substitutions.

- No deviation is to be made to the overall assembly without prior written approval from the responsible Packaging Engineer.
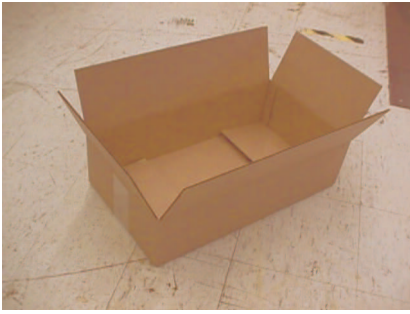
NOTE: All single wide blades other than machine type 8844 must use packaging instructions WW-P-01030 ("Blade Server Packaging Instructions : Single Wide Blades ").

## Table of Contents

## Section 1 - Unit Packaging

1.1- Assemble carton 22K8198 as shown below.

1.2- Place the loadspreader 22K8232 over the rear side of the Blade. Each flap of loadspreader 22K8232 is to be attached to the Blade with product safe tape 01R3747.



1.3- Place the Blade in ESD bag 37L8109, as shown below, and seal it closed using Padlock Tamper Seal 06P6550..



1.4- Place one Urethane Cushion 22K8229 in the bottom of carton.



1.5- PE Cushion 22K8230 is placed on top of Urethane Cushion 22K8229.

1.6- The Blade is placed into the middle of the PE Cushion 22K8230 with the Bezel facing curved section of cushion.
  **The Blade must ship with the ESD Bag** , **the second picture is just to ensure proper orientation** .




1.7- Remaining Urethane Cushion 22K8229 is placed on top of Blade. Top U-Tray 22K8231 is set on top of Cushion.
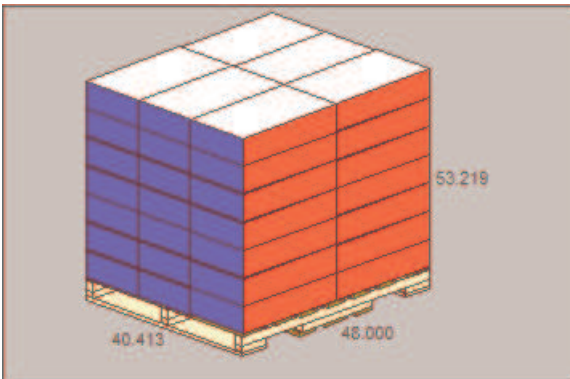



1.8- Publications belong in U-Tray 22K823.



1.9- Close and seal carton 38L8107 using IBM approved logo tape.

1.91 -- **Reference QMX document SG -P-01486 "Special Packaging Labeling Guidelines " which may contain additional labeling requirements .**

# Section 2 - Worldwide Palletization

2.1 - Place 42 systems on a full size pallet (6038887).



| Quantity | Ship individual | Half Pallet | Full Pallet |
|---|---|---|---|
| 1 to 5 | X | | |
| 6 to 21 | | X | |
| 22 to 42 | | | X |

2.2 - Secure load to pallet utilizing "Best of Breed" palletization methods.  See 92F6168 - "Best of Breed" Pallet Unitization or QMX document P-04146.

2.3 - Place two pallet labels (33G6283) on the front and left sides of the pallet load.

# Section 3 - Distribution

NOTE: All units will be received into Distribution as indicated above in Section 3, Manufacturing Palletization, and are approved to be stacked 4 pallets high.

3.1 - Secure load to pallet (or half pallet) as necessary utilizing "Best of Breed" palletization methods.   See 92F6168 - "Best of Breed" Pallet Unitization or QMX document P-04146.

3.2  For single shipments or low volume quantities  (1 to 5) , ship the product by itself, no pallet is required.

    For multiple unit shipments of  ( 6 to 21 ),  use half pallet (6038888).  Make sure each layer is full. If the top layer is uneven ship the extra carton separate.

For quantities greater than 21 use full size pallet (6038887). Make sure each layer is full. If the top layer is uneven ship the extra carton separate.

# Section 4 - Materials Listing (BOM)

**World Wide Packaging BOM  22K8228**
WW Common Part BOM - 22K8227

| Part Number | Description | Quantity |
|---|---|---|
| 22K8198 | 1x IBM Blade Carton | 1 |
| 22K8229 | Top/Bottom Urethane Cushion | 2 |
| 22K8230 | PE Cushion | 1 |
| 22K8231 | Corrugated U-Tray | 1 |
| 22K8232 | Corrugated Rear Loadspreader | 1 |
| 37L8109 | ESD Bag | 1 |
| 01R3747 or 04N8185 | Product safe tape | As needed |
| 06P6550 | Padlock Tamper Seal | 1 |
| 74F5698 or 74F5699 | IBM Logo Tape | As needed |

**Records and Controlled Documents**

References
Document Management
Revision History
Approval Information
  Nicholas Adair/Raleigh/IBM - Approved on 12/6/07 10:09:12

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History Log

| End of Document |
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