



PACKAGING/LIFTING/SHIPPING INSTALLATION

1. REFERENCE DOCUMENTS
COMPONENT PACKAGING, HANDLING, SHIPPING
PROCEDURE - V049-2-123
CONTAMINATION CONTROL PLAN - V049-2-119
2. PROTECT BELLOWS BY WRAPPING WITH HEAVY PLASTIC STRIPS
PRIOR TO BAGGING.
3. ENTIRE VESSEL TO BE SHRINK WRAPPED WITH 2 LAYERS
OF 6 MIL POLYETHYLENE.
4. VESSEL TO BE MOUNTED ON TRAILER IN
ORIENTATION SHOWN.
5. TIGHTEN BELLOWS TIE RODS TO LOCK IN
NEUTRAL LENGTH POSITION.
6. REMOVE FROM TRAILER AT SITE BY LIFTING
WITH STRAPS AT LOCATIONS SHOWN.
7. SECURELY ATTACH THESE LIFTING INSTRUCTIONS
TO VESSEL IN A WATER PROOF
POLYETHYLENE BAG.
8. VESSEL TO BE SHIPPED STRAPPED TO TRUCK AT
CRADLE LOCATIONS SHOWN.
9. COVER WITH CLEAN TIGHT TARPS DURING SHIPPING.
10. VESSEL TO BE SHIPPED VIA AIR RIDE
TRAILOR ONLY.
11. CARE TO BE TAKEN WITH LIFTING STRAPS TO AVOID
HITTING OR RUBBING AGAINST VITAL EQUIPMENT.

*NOTE: THE TRUCK DRIVER IS TO
ADD PROPER BRACING TO
PREVENT FORWARD OR AFT
MOVEMENT OF THE VESSEL
DURING SHIPMENT.*

SHT 100F14

APPROX. WEIGHT: 1386#

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DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION	SYMBOL	CHARACTERISTIC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± .1 DECIMAL ± .01 ANGULAR ± .05° - .10° HOLE ± .005 TWO PLACE DECIMAL ± .02 THREE PLACE DECIMAL ± .005 FINISHED SURFACE AND BREAK CORNERS OR REMOVE ALL BARS	ISSUED FOR SHIPPING	REV	DESCRIPTION	CHKD	DRWN	DATE	DESN
				□	FLATNESS		0					6/20/97	0195
				○	CYLINDRICITY								
				//	PARALLELISM								
				⊥	PERPENDICULARITY								
				∠	ANGULARITY								
				⊕	TRUE POSITION								
				◎	CONCENTRICITY								

PROCESS SYSTEMS INTERNATIONAL, INC.
30 WALKUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA

**SPOOL BE-2
SHIPPING ASSY.
LIGO VACUUM EQUIPMENT**

CAD FILE: V0494231
SIZE: D
DWG. NO.: V049-4-231
REV: 0

SCALE: 1-1/2" = 1'
SHEET: 1 OF 1

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