



AIR EXHAUST LOC'S	4'-6"	5'-0"	4'-8"	6'-9 1/2"	4'-11"	5'-1 1/2"
T/C FITTING LOC'S (F/S)		11'-4"		5'-0"	6'-7"	1'-10"
PRES. TAP LOC'S (F/S)	2'-10"	13'-2"		1'-0"	10'-10"	3'-2"
MANWAY/VIEWPORT LOC'S (F/S)	4'-6"		21'-4 1/2"			5'-1 1/2"
HOOD SECTIONS	7'-1" SECT. #1	1" GAP	11'-3" SECT. #2	1" GAP	12'-6" SECT. #3	
FORKTRUCK LIFT LOC'S	4'-6"	8'-3 1/2"		10'-7 1/2"	7'-7"	

DRIVE LOCATION	5'-7 3/4"					
MANWAY LOC'S (F/S)	1'-6"	23'-8"	4'-2"			
ZONE LOC'S		16'-6" DRYING ZONE	12'-10" COOLING ZONE			
AIR INLET LOC'S (N/S)	1'-6"	3'-0"	3'-3"	4'-2"	6'-1 1/2"	3'-1"
ISOLATION LOC.	6'-0"	17'-0"	6'-4"			
T/C FITTING LOC'S (F/S)	6'-2"	17'-0"	6'-2"			
PRES. TAP LOC'S (F/S)	6'	14'-0"	4'-7"	8'-2"	2'-1"	

DRIVE ASS'Y 25HP	S-25000	ISOLATION R.1	(2) * COMP. SPRINGS, COLOR~BLACK	ISOLATION R.2	(2) * COMP. SPRINGS, COLOR~BLACK
SUPPORTS	3-55407-N	EMPTY STATIC UNIT REACTION	12,910 LBS.	EMPTY STATIC UNIT REACTION	10,120 LBS.
FLANGE DRILLING	3-55407-M	LOADED STATIC UNIT REACTION	LBS.	LOADED STATIC UNIT REACTION	LBS.
WEIR ASS'Y	3-55407-L	DYNAMIC UNIT REACTIONS: VERT. ± 2,651 LBS.		DYNAMIC UNIT REACTIONS: VERT. ± 2,651 LBS.	
MISC. DTL'S	3-55407-K	(ONE-HALF PER SIDE) HORZ. ± 663 LBS.		(ONE-HALF PER SIDE) HORZ. ± 663 LBS.	
HOOD ASS'Y	3-55407-H	ELEVATION			
PLENUM ASS'Y	3-55407-F	<p>DRIVE DATA</p> <p>SET ROTATING WEIGHTS AT POS. 6</p> <p>MOTOR 25 HP 1800 RPM, P/N</p> <p>MOTOR SPEC'S. LOW VIBRATION</p> <p>MATERIAL CHARACTERISTICS</p> <p>MINERAL FILLED POLYMER PELLETS</p> <p>INLET CAPACITY 1083 LBS/MIN SOLIDS</p> <p>BULK DENSITY 53-65</p> <p>MAT'L INLET MOISTURE 2.5 TO 3.1%</p> <p>MAT'L DSCHG MOISTURE <0.1%</p> <p>MAT'L INLET TEMP. 120°F</p> <p>MAT'L DSCHG TEMP. <80°F</p> <p>PROCESS AIR TEMP. 180°F</p> <p>PARTICLE SIZE 0.156"-0.170" SPHERICAL-OVAL</p> <p>FED FROM: FTD SCREEN S/N 24428</p> <p>DISCHARGES TO: ROTARY AIRLOCK</p>			
DRILLED DECK ASS'Y	3-55407-C	<p>CONVEYOR DATA</p> <p>OPERATING FREQ. 650 RPM @ 45 DEG.</p> <p>TROUGH STROKE (EMPTY) 1/4 IN. (LOADED) 1/4 IN.</p> <p>TOTAL ASSEMBLED WT. 24,000 LBS.</p> <p>D.C. BRAKE IS REQUIRED AND IS TO BE SUPPLIED BY OTHERS</p>			
UNIT CROSS-SECTION	3-55407-B	<p>NOTE: REFER TO INSTALLATION & OPERATIONS MANUALS FOR PROPER INSTALLATION PROCEDURES.</p>			
CLEANING & FINISHING SPEC'S.	11-55406-SP	<p>REFERENCE DRAWINGS</p>			

Customer Approval
 This drawing set approved with changes as noted.
 APPROVED BY: _____
 DATE: _____

KEY FEATURES
 1. STAR DECK

Installation Note:
 A 3" minimum clearance is required between all vibrating equipment and all surrounding equipment and support structures. Violation of this minimum clearance may result in impact, which will result in structural damage. Any impact as a result of improper installation or build up of material will void the warranty. Mfg. tolerances of ±1/4" apply unless otherwise noted.

Vibrating equipment produces dynamic reactions which must be accommodated by foundations and/or supporting structures. Static loads and cyclic dynamic forces are defined on these drawings. Design of foundations, structural steel and analysis of the effects of the static and cyclic dynamic loadings on surrounding structures is the responsibility of others. Any foundations shown are the minimum requirements to resist lifting, and should be keyed into soil to resist horizontal movements. Carrier assumes no liability for transmissibility of vibrations through structures or subsoil.

REFERENCE THIS DRAWING FOR THE DYNAMIC REACTIONS PRODUCED BY THIS MACHINE.

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INDICATES REVISION NUMBER

NO.	NAME	DATE	DESCRIPTION
1	DNG	8/4/99	CHG'D MANUALLY WEIR TO AIR CYLINDER OPERATED WEIR PER S.O. # 167667
2	JFW	8/4/98	CHG'D HOOD EXH SPOUTS TO 3/4" O.D.

QAD/C(3)-7280S-31'-0"-25HP
 SERIAL 24429
 CUSTOMER M. A. HANNA
 DYERSBURG, TN
 PURCHASE ORDER 4500072685
 FILE NUMBER 97-CSHR-24-581-11

DR. JFW
 DATE: 2/20/98
 SCALE: NOTED
 CK. _____
 P.E. _____
 DWG. NO. 3-55407-A REV. 2

Carrier
 Vibrating Equipment, Inc.
 Louisville, Kentucky 40233

CERTIFIED BY: DJC