



TM FOOTPRINT

REV	CHANGE MADE	BY	DATE	ORDER #
A	CHANGED PER CUSTOMER MARKED PRINT	DAE	09/20/12	253193
B	CHANGED PER CUSTOMER MARKED PRINT	DAE	09/20/12	253193
C	ADDED NOTES PER SALES AND CUSTOMER	TE	11/30/12	253193
D	ADDED NOTES	TE	11/30/12	253193

NOTE:  
\* 1" [25] EXPECTED COMPRESSION

- CAUTION**  
ANY CONNECTION TO INLET OR OUTLET MUST BE FLEXIBLE ENOUGH NOT TO IMPEDE TRAY OPERATION. REFER TO IOM OR CONTACT ERIEZ SERVICE DEPARTMENT FOR ASSISTANCE.
- MOTOR FORCE = 1,531 In LBS**
- 30" MAINTENANCE CLEARANCE REQUIRED AROUND FULL CONVEYOR**
- WEIGHTS**  
-SCREEN, 45#  
-MOTOR, 55#  
-COVERS 25#

**RATINGS & CHARACTERISTICS**

POWER SUPPLY ..... 460VAC ..... 60Hz ..... THREE PHASE  
FULL LOAD POWER INPUT ..... 4 AMPS  
APPROXIMATE WEIGHT ..... 1360 LBS ( 617 Kgs )  
FINISH ..... TRAY INTERIOR - COAT PRODUCT ZONE WITH FOOD GRADE OIL  
TRAY EXTERIOR - PAINT ERIEZ STANDARD GRAY  
COVER INTERIOR - COAT PRODUCT ZONE WITH FOOD GRADE OIL  
COVER EXTERIOR - PAINT ERIEZ STANDARD GRAY  
PERFORATED BASKET - COAT WITH FOOD GRADE OIL  
BASE - PAINT ERIEZ STANDARD GRAY  
MOTOR COVER - PAINT ERIEZ STANDARD GRAY  
1 QUART ERIEZ STANDARD PAINT FOR TOUCHUP

STATIC LOAD = 1277 LBS ( 579 Kgs )  
DYNAMIC LOAD = 1532 LBS ( 695 Kgs )

**CAUTION**  
THIS UNIT IS A TUNED NATURAL FREQUENCY DEVICE. ALTERATIONS TO THIS EQUIPMENT AND / OR MATERIAL BUILD-UP COULD DAMAGE THE SPRING SYSTEM AND VOID YOUR WARRANTY.

THIS UNIT LIKE ALL VIBRATING FEEDERS WILL INDUCE VIBRATIONS IN LIGHT SUPPORTING STRUCTURES WITH LOW NATURAL FREQUENCIES. SUPPORTING STRUCTURES MUST BE RIGID ENOUGH TO PREVENT EXCESSIVE INDUCED VIBRATION.

**VARIABLE FREQUENCY CONTROLS**  
**WARNING**  
USING A VARIABLE FREQUENCY CONTROL AT MORE THAN LINE FREQUENCY ( 50 OR 60 Hz ) WILL CAUSE EXCESSIVE DEFLECTION AND DAMAGE THE SPRINGS. OPERATING THIS UNIT AT FREQUENCIES THAT PRODUCE LESS THAN 350 RPM JACK SHAFT SPEED WILL APPROACH THE NATURAL FREQUENCY OF THE ISOLATORS AND WILL CAUSE LARGE ERRATIC DEFLECTIONS IN THE ISOLATORS.

ERIEZ		ERIEZ	
WORLD AUTHORITY IN ADVANCED TECHNOLOGY FOR MAGNETIC VIBRATORY AND METAL DETECTION APPLICATIONS WORLD HEADQUARTERS ERIEZ, PA USA			
TITLE: <b>OUTLINE - X - 503 VIBRATING CONVEYOR</b>			
FOR: <b>8 X 98 X 6 MS ENCLOSED TRAY W/ BOLTED-IN PERFORATED BASKET, LEFT HAND FINES DISCHARGE, QUICK RELEASE COVER, BASE MOUNTED</b>			
DR. BY: DAE	DATE: 07/28/2012	SCALE: 1/8	
ORDER # 253193	E.R. # NA	PRIOR REF 4R-200803059	
NEXT ASSM 4N-201205255	NOTICE—THIS DRAWING AND THE PRINCIPLE OF DESIGN ARE THE PROPERTY OF AND PROPRIETARY TO ERIEZ		REVISION
DRAWING NUMBER			CSPE 0011
INCHES [MILLIMETERS]			<b>4R-201208415</b>

STAINLESS STEEL UNIT TAG: X-503 VIBRATING CONVEYOR

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