

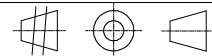
CONVEYOR NO. : E1

TAG NO. : _____

- LOAD DATA:
1. STATIC LOAD : 900 KG.
 2. DYNAMIC LOAD : ~30% OF STATIC LOAD IN BOTH VERTICAL & HORIZONTAL DIRECTION.
 3. IDLERS NOT SHOWN - BUT ARE RECOMMENDED FOR ACCURATE SAMPLING
 4. EACH IDLER MASS : 40 KG. (4 NOS).

- GENERAL NOTES :
1. DO NOT ASSUME, ASK IF IN DOUBT.
 2. ALL DIMENSIONS ARE IN mm U.O.S
 3. ALL WELDS TO BE CONTINUOUS U.O.S
 4. ALL DIMENSIONS & INFORMATION ARE TENTATIVE ONLY, MAY CHANGE WITHOUT PRIOR NOTICE
 5. LIFTING LUGS PROVIDED FOR THE GUARDS SHOULD NOT BE USED FOR LIFTING THE WHOLE EQUIPMENT

JOB No.:



CUSTOMER PROJECT: REMARKS:

SCALE NTS WEIGHT ~900 Kgs
MATERIAL NA SHEET 1 OF 3

GENERAL TOLERANCES OF FORM & POSITION DIN 3141 R3

DEFINITION	SYMBOL	DEFINITION	SYMBOL
STRAIGHTNESS	—	PARALLELISM	
ROUNDNESS	○	PERPENDICULAR	⊥
LINE FORM	—	INCLINATION	∠
PLANE NESS	□	SYMMETRICAL	≡
CYL. FORM	⊂	CONCENTRICITY	◎
LAMINAR SURF. TOL	⊂	TRUENESS	⊂

PEAK TO VALLEY HEIGHT R _a μm	SYMBOL TO ISO R1302	ROUGHNESS VALUE R _a μm & GRADE No.	MACHINING TOLER. ACC TO DIN 7168 & ISO 2768
50 N12	63	25 N11	UNLESS OTHERWISE SPECIFIED
12.5 N10	16	6.3 N9	UNLESS OTHERWISE SPECIFIED
3.2 N8	4	1.6 N7	UNLESS OTHERWISE SPECIFIED
0.8 N6	1	0.4 N5	UNLESS OTHERWISE SPECIFIED
0.2 N4	1	0.1 N3	UNLESS OTHERWISE SPECIFIED
0.05 N2	1	0.025 N1	UNLESS OTHERWISE SPECIFIED

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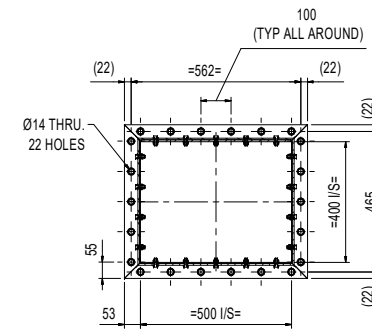
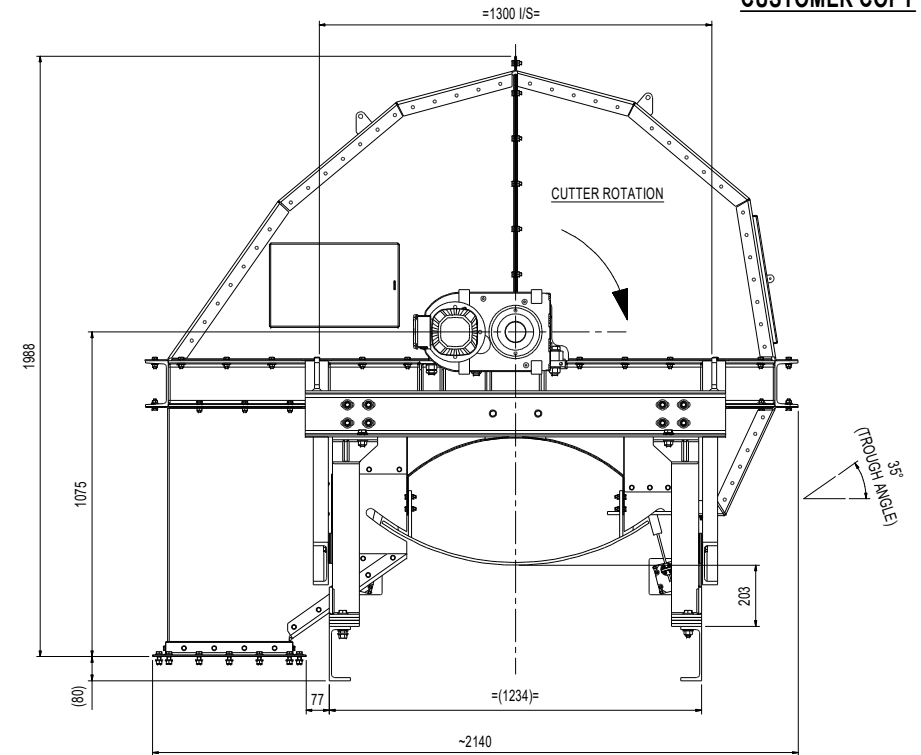
MALVERN ENGINEERING

DATE	NAME
09.05.2019	BMS
09.05.2019	C.B
09.05.2019	C.B

DESCRIPTION
CROSS BELT HAMMER SAMPLER
GA OF 900x400x500 WITH
150mm HEAD APERTURE
(RIGHT HAND DISCHARGE)
DRAWING IDENT. No
57-0401-01-008
(SUPERSEDED BY:) (SUPERSEDED:)
REV 1





REV	DETAILS OF CHANGE	DATE	MODIFIED BY	APPROVED BY
1	FIRST ISSUE	09.05.2019		

REVISION HISTORY



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JOB No.:				  				CUSTOMER: _____ PROJECT: _____ REMARKS: _____				SCALE NTS		WEIGHT ~900 Kgs			
												MATERIAL NA		SHEET 2 OF 3			
GENERAL TOLERANCES OF FORM & POSITION DIN 3141 R3				SYMBOL SURFACE		PEAK TO VALLEY HEIGHT Rt µm		SURFACE-TEXTURE SYMBOL TO ISO #1332 ROUGHNESS Ra µm & GRADE No		MACHINING TOLER. ACC TO DIN 7168 & ISO 2768		THE COPYRIGHT IN THIS DRAWING IS VESTED IN US. COPYING, DUPLICATING, PUBLISHING AS WELL AS MAKING USE OF THE CONTEXT OF THIS DRAWING IS PROHIBITED EXCEPT IN OUR SPECIAL AUTHORITY. ANY INFRINGEMENT OF OUR COPYRIGHT RENDERS THE PARTY INFRINGING LIABLE TO US FOR DAMAGES AND TO AN INTERDICT AGAINST FURTHER INFRINGEMENT					
DEFINITION SYMBOL				63		50 N12		DIMENSIONS UP TO TOLERANCES MACHINED TOLERANCES UNMACHINED (CASTING)		DATE NAME						DESCRIPTION CROSS BELT HAMMER SAMPLER GA OF 900x400x500 WITH 150mm HEAD APERTURE (RIGHT HAND DISCHARGE)	
STRAIGHTNESS — PARALLELISM				16		25 N11											
ROUNDNESS ○ PERPENDICULAR				4		12.5 N10											
LINE FORM — INCLINATION				1		6.3 N9											
PLANE NESS □ SYMMETRICAL				1		3.2 N8				DRAWN 09.05.2019 BMS CHECK 09.05.2019 C.B APP. 09.05.2019 C.B		DRAWING IDENT. No 57-0401-01-008					
CYL FORM — CONCENTRICITY				1		1.6 N7						QUANTITY REQD: 1		(SUPERSEDED BY:)		(SUPERSEDES:)	
LAMINAR SURF TOL. — TRUENESS				1		0.8 N6		6 ±0.1		MALVERN ENGINEERING						REV 1	
						0.4 N5		30 ±0.2									
						0.2 N4		100 ±0.3									
						0.1 N3		300 ±0.5									
						0.05 N2		1000 ±0.8									
						0.025 N1		2000 ±1.2									

