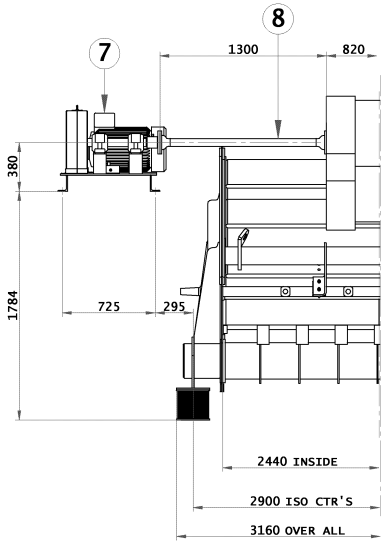
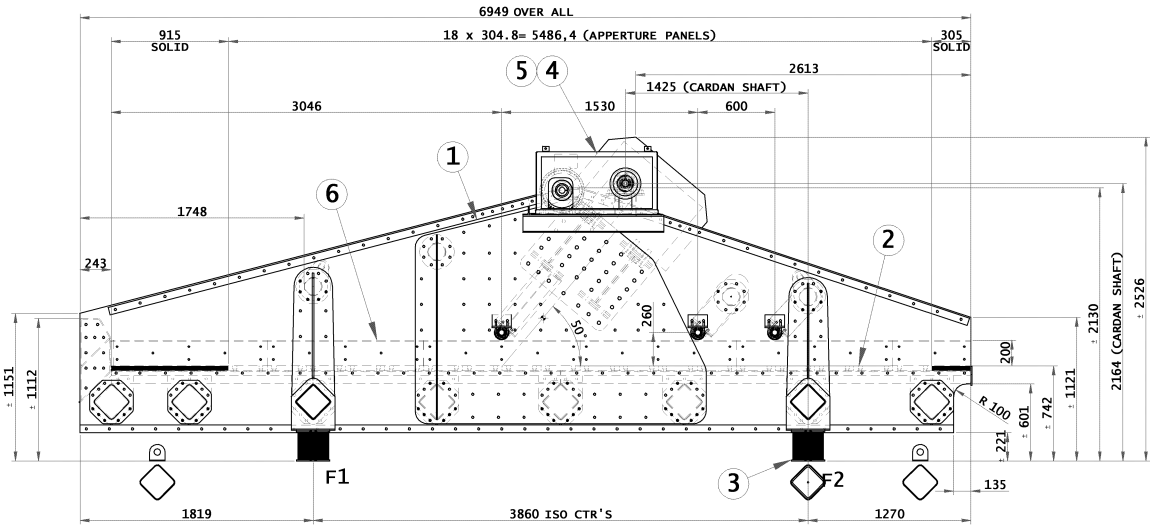
DATE	PROJECT	CUSTOMER
22/10/2009	5945	TWP - BURNSTONE GOLD

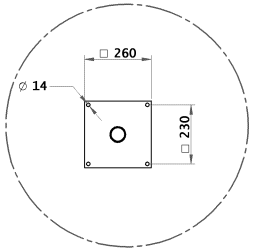




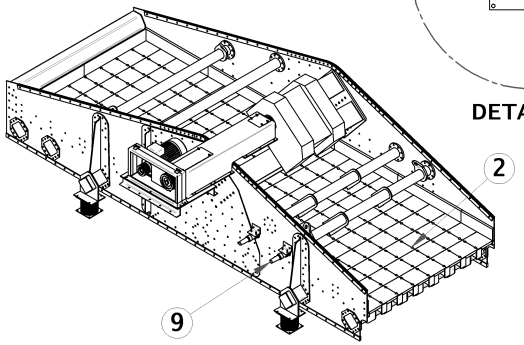
SPECIFICATION:

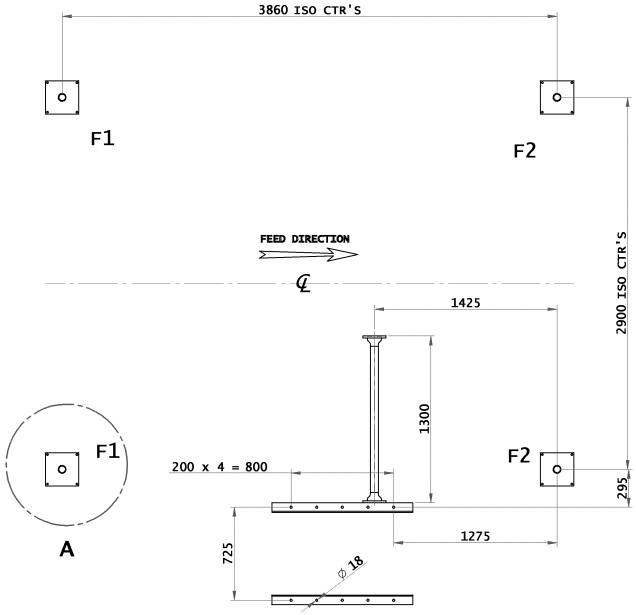
1.) TOTAL SCREEN MASS: 8370 KG
2.) DRIVE ANGLE ALPHA: 50°
3.) SCREEN ANGLE BETA: 0°
4.) STROKE: 10.9mm @ 100%
K: 4.12G ; Kv: 3.16G
5.) ISOLATION:4 x Ø240 x 70 x 250(800) RUBBER BUFFERS
6.) ALLOW 80mm OPERATING CLEARANCE
7.) ALLOW 140mm LIFTING CLEARANCE FOR BUFFER CHANGE
8.) OPERATING SPEED: 826 RPM
9.) LINERS: 25TH PU SIDE LINERS
10.)SCREEN MEDIA:
DECK: 36TH PU PANELS 12mm SQ. APPERTURE
11.)DRIVE: 1 x JR 608 EXCITERS
12.)ISOLATION POINTS TO BE LEVEL TO ± 2mm
13.)WATER PRESSURE: 200KPa
14.)SPRAY PIPES: 3 OFF 65 NB
15.)NOZZLES: 4 MFN9 NOZZLES PER PIPE @ 4M³/HR PER NOZZLE

CERTIFIED CORRECT



DETAIL A





ITEM	REQ'D	DESCRIPTION
9	3	65NB SPRAY PIPES, MFN9 NOZZLES
8	1	CARDAN SHAFT 1300LG
7	1	22kW TEFC 4 POLE MOTOR
6	1 SET	LINERS 25TH PU
5	1 SET	EXCITER BOLTS C/W NUTS & WASHERS
4	1	JR 608 EXCITERS
3	4	Ø240 x 70 x 250 RUBBER BUFFERS (800)
2	1 SET	36TH PU PANELS, SLOTTED
1	1	SCREEN BODY

EQUIPMENT LIST

GENERAL ARRANGEMENT
SRE 2440 X 5490- 6710
1 X JR 608 EXCITERS

REVISION A	SS	22/10/2009
CHECKED		
APPROVED		
ISSUED FOR TENDER		
REVISION B	RO	10/12/2009
CHECKED		
APPROVED		
ADD SPRAYBARS & NOTES		
REVISION D	RH	12/02/2010
CHECKED		
APPROVED		
DRAWING UPDATED ISSUED FOR MANUFACTURE		

INFORMATION ONLY

REFERENCE

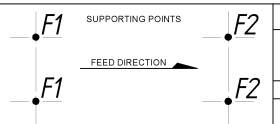
DRAWING NUMBER	DESCRIPTION
SAS 4980- 81	SRE 3050 X 6100-6710 TWP

Considering the natural frequency of the supporting structure, the vibrations caused by dynamic loads can be determined.

It is not sufficient to base the calculation of supporting structure, platforms and foundation on static loads only.

Select permissible vibration data in accordance with DIN 4150 (PROVISIONAL).

JOEST is not responsible for any vibrations, neither mechanical nor air, transmitted to other equipment and structure.



MINIMUM DISTANCE TO STATIONARY PARTS 80MM
TRAVERSE TO CONVEYING DIRECTION MINIMUM 50MM

OPERATING FREQUENCY ±13.8 Hz

OPERATING LOADS PER ISOLATION POINT EXCLUDING MATERIAL LOAD

		STAT (N)	DYN (N)
F1	VERT	22340N	±4000 N
	HORIZ		±680 N
F2	VERT	19520N	±4000 N
	HORIZ		±680N

DRN S.STEYN
DATE 22/10/2009
CHECKED
APPROVED
PROJN
SCALE 1:20
SHEET SIZE A1
SHEET 1 OF 1

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Fax: +27 11 923 9001

SAS 5999-81 REV 0

DRAWING CREATED USING SOLID EDGE