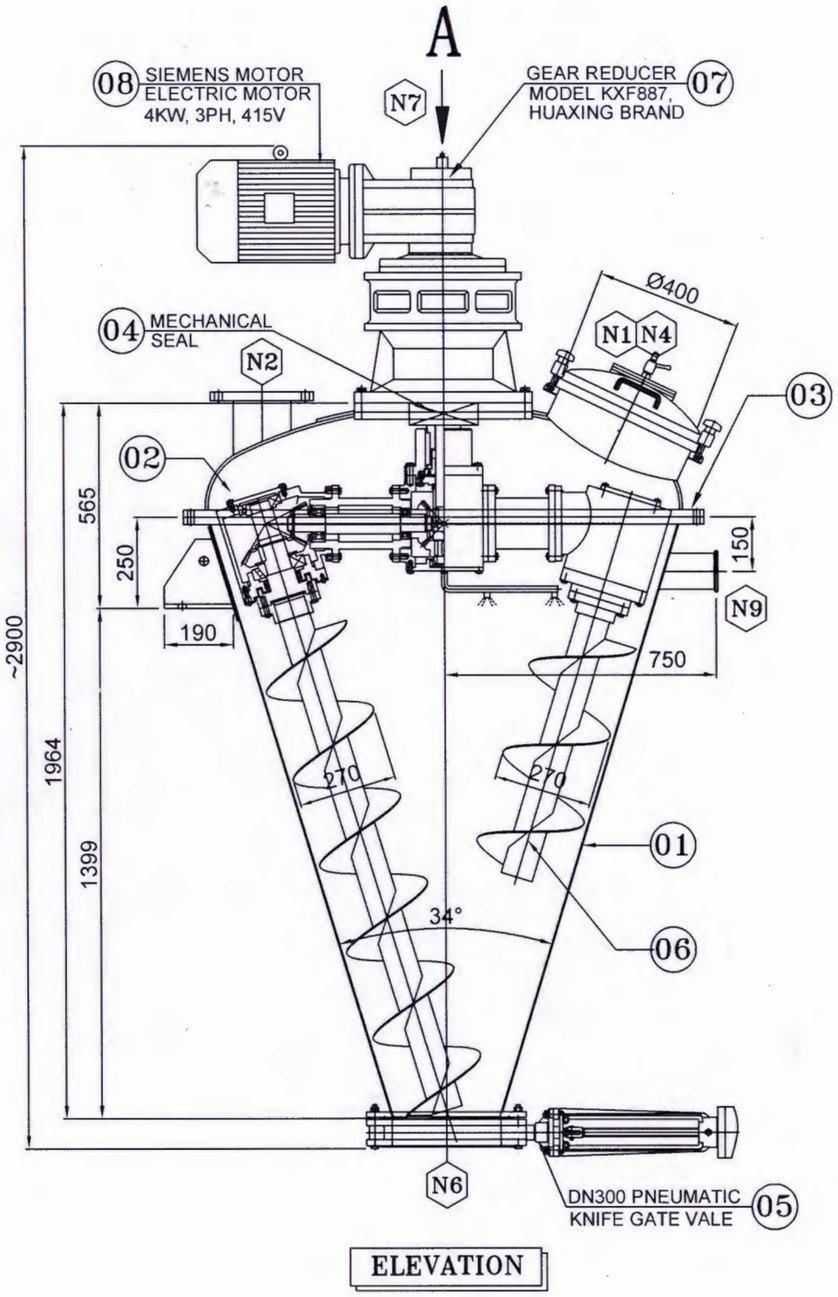
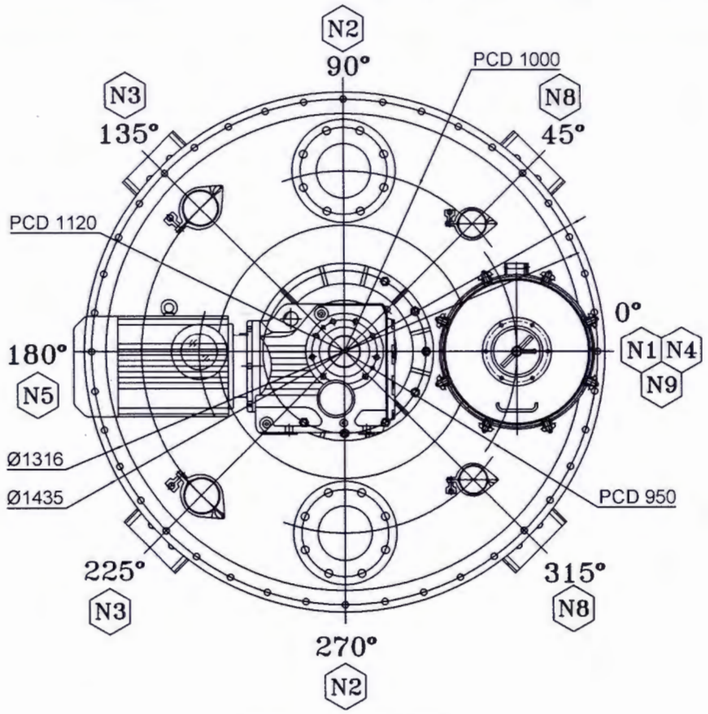
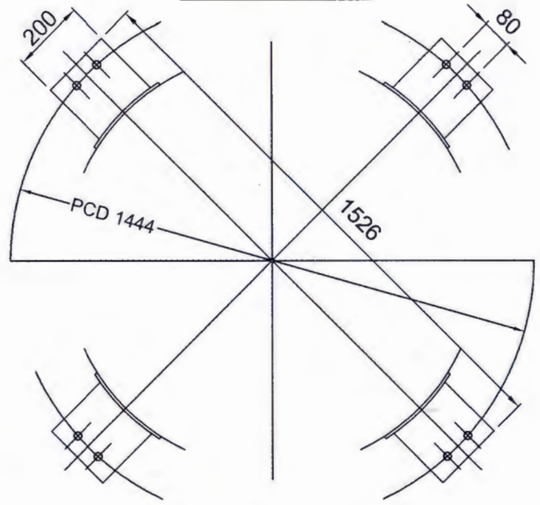


ELEVATION



VIEW–A



LUGS DETAIL

NOZZLE SCHEDULE

NOZ. NO.	SIZE NB	SERVICE	QTY	SCH/ THK	TYPE
N1	ø400	MANHOLE	1	STD	SIGHT GLASS WITH WIPER
N2	DN150	SPARE PORT	2	PN1.0 GB–T5010	WITH BLIND
N3	ø100	PRODUCT INLET	2	TC	TC WITH BLIND
N4	ø150	SIGHT GLASS	1	STD	SIGHT GLASS WITH WIPER
N5	ø100	LIGHT GLASS	1	STD	WITH CONE AND BULB HOLDER
N6	DN300	DISCHARGE PORT	1	PN1.0 GB–T5010	WITH PNEUMATIC KNIFE GATE VALVE
N7	1/2"	LIQUID INLET	1	BSP	--
N8	ø75	SPARE PORT	2	TC	TC WITH BLIND FOR AIR PURGING
N9	ø100	SPARE PORT	1	TC	TC WITH BLIND

UTILITY REQUIRED :-

01	POWER SUPPLY	415V / 3PH / 50 c/s / AC 11 AMPS.
02	TOTAL LOAD	4 KW
03	COMPRESSED AIR	10CFM @ 8Kg/cm2
04	CABLE SIZE	1.5 mm^2 COPPER

DESIGN DATA

DESIGN CODE :– GOOD ENGINEERING PRACTICE

		SHELL SIDE
DESIGN PRESSURE INT/EXT	mm–Hg	760
WORKING PRESSURE MIN/MAX	mm–Hg	400
DESIGN TEMP. MIN./MAX.	°C	AMBIENT
WORKING TEMP. MIN.MAX	°C	AMBIENT
HYDRO TEST PRESSURE	Kg/cm^2 g	1.5
CORROSION ALLOWANCE	mm	NIL
JOINT EFFICIENCY		0.85
GROSS CAPACITY	LTRS.	1000
WORKING CAPACTIY	Kgs.	--
EMPTY WEIGHT	Kgs.	--
WEIGHT WITH FULL OF WATER	Kgs.	--
BULK DENSITY OF PRODUCT	Kg/Lt.	0.2 TO 0.25
MODEL		--
INSPECTION		BY CLIENT
PACKING		WRAPPED IN PLASTIC

FINISH OF SS SURFACE :– INTERNAL SS Part MIRROR FINISH
EXTERNAL SS Part MIRROR FINISH
EXTERNAL CS Part PAINTING RAL 7045

MOC:–
01. ALL PRODUCT CONTACT PARTS ARE SS 304
02. ALL OTHER NON CONTACT EXPOSED PARTS ARE IN CS
03. ALL GASKETS ARE IN SILICON FOOD GRADE

SPEED:–
01. ARM SPEED 2.2 RPM
02. SCREW SPEED 78 RPM

NOTE: 01. ELECTRIC PROTECTION IP55

BILL OF MATERIAL

SR.NO	DESCRIPTION	QTY.	MATL.	SIZE
1.	MIXER SHELL	1	SS 304	SS 304 4MM THK.
2.	DISHEND	1	SS 304	SS 304 8MM THK.
3.	FLANGE	2	CS	PAINTED
4.	MECHANICAL SEAL	1	STD	SEAL FOR SHAFT
5.	DISCHARG PORT N6	1	SS 304	ø300 PNEUMATIC ACTUATED KNIFE GATE VALVE
6.	ARM & SCREW	1	SS 304	STD
7.	REDUCER	1	KXF887	HUAXING MAKE
8.	MAIN MOTOR	1	4KW	3PH, 415V (WITH VFD)

APPROVED DRAWING

REV.	DESCRIPTION	DRG.	CHKD.	DATE

H. No. 10, Dhumal Nagar, Waliv, Vasai (E), Palghar –401208

CLIENT :– M/s. INTERTECH TEHNOLOGIES PVT. LTD.
PROJECT: ----------
LOCATION: ----------

DRN.	SWAPNIL	TITLE :– NAUTA MIXER GROSS 1000 LTR	QTY. 1 NO
CHD.	MAHESH		SIZE A3
DATE	08–11–2017		SHEET 1 OF 1
SCALE	NTS	DRG. NO. :– INT–GA–10469A	REV. R0

ALL DIMENSION ARE IN MM, UNTIL & UNLESS SPECIFIED

PRELIMINARY DRAWING | CONCEPT SALES DRAWING | * DRAWING FOR APPROVAL | DRAWING FOR PLANNING | DRAWING FOR PRODUCTION | DRAWING FOR PROCESS | DRAWING FOR ERECTION