

**WELCOME  
TO  
USHA  
ENTERPRISES**



**U** - **UNDERSTANDING**

**S** - **SINCERELY**

**H** - **HIGHER THINKING**

**A** - **ACCURACY**

# VISION & MISSION

## **TO ACHIEVE SATISFACTION OF COSTUMER BY,**

- ACHIEVING ON TIME DELIVERY
- MINIMIZING NCR
- INCREASING PRODUCTIVITY
- STREAM LINE COMMUNICATION WITH COSTUMER

## **TO ACHIEVE THESE GOAL,**

- WE INTERACT WITH COSTUMER TO UNDERSTAND THE PRODUCT & QUALITY REQUIREMENTS OF COMPONENT.
- WE ARRANGE TRAINING PROGRAM FOR SHOP FLOOR WORKERS.
- WE ARRANGE TRAINING PROGRAM FOR MIDDLE MANAGEMENT.
- WE ARE BUILDING A DEDICATED TRAINED TEAM OF MIDDLE MANAGEMENT .
- INSTALLED NEW GENERATION MACHINE TOOLS .
- ADOPTED NEW MACHINING PROCESSES .
- INTRODUCED HIGH QUALITY , PRECISION & LATEST TOOLINGS .
- INSTALLED HIGH PRECISION & LATEST INSPECTION TOOLS .
- IMPLICATED PROCESS CONTROL & CONSTANTLY REVIEWING THE PROCESS .
- INCREASED USE OF SOFTWARE FOR MACHINING PROCESS SUCH AS FUTURE CAM IS IMPLICATED.



TOTAL AREA : 28000 SQFT.

SHOP AREA : 22000 SQFT.

OFFICE BLOCK : 1480 SQFT.

Total no. machines : 7 CNC machines & 12  
conventional machines



## WORK FORCE

- Skilled Workers: 21
- Unskilled Workers: 06
- Engineers : 11
- Administration Staff: 07

# TOS WHN 13.8 CNC HBM

HEIDENHAIN TNC 426 CONTROLLER



# MACHINE DETAILS :

X : 3500 MM Y : 2000 MM Z : 800 MM

TABLE SIZE : 2200 X 1800 MM. SPINDLE DIA. : 130 MM



# **MICROCUT BUFFALO MAKE CNC CONTROLLED MACHINE 5 AXIS MACHINING CENTER**



X - 2000MM , Y - 1600MM , W - 500 MM ,Z -  
2500MM  
SPINDLE DIA.- 110MM,CONTROLLER 18 IMB ,  
SIMULTANEOUS 4 AXIS  
**28** ATC



CNC VTL MACHINE WITH C AXIS ( LIVE SPINDLE )  
TABLE DIA. : Ø1200 MM., MAX DIA. OF JOB : Ø1600 MM  
MAX HEIGHT OF JOB : 1600 MM



# CNC VTL MACHINE



TABLE DIA. : 1600 MM  
MAX. DIA. JOB : 2250 MM  
MAX HEIGHT OF JOB : 1400 MM



# CNC TURNING LATHE MACHINE WITH MILLING ATTACHMENT



# CNC LATHE MACHINE



# CMM

X : 900 MM , Y : 1500 MM , Z : 800 MM

LEAST COUNT – 0.1MICRON



# SPERONI TOOL PRESETTING & MEASURING SYSTEM MAGIS 600



- Axis Travel:
- Diameter X = 400 mm (-50 / +350)
- Height Z = 600 mm
- EDGE 2.0 Control Software
- Thermal Alphanumeric Label Printer
- Automatic Mechanical Clamping System - ISO 50
- Automatic (CNC) Spindle Axis – Autofocus

# SEDIN RUSSIAN MAKE VTL

MAX DIA. OF JOB – Ø2500 MM

MAX HEIGHT OF JOB – 1600 MM WITH DEGREE TURNING FACILITY UP TO 45°



# HORIZONTAL BORING MACHINE

WMW MAKE – SPINDLE 100 MM DIA.

X TRAVEL 2000MM , Y TRAVEL 1500MM



# WMW HBM MACHINE – SPINDLE DIA. **Ø125**

TABLE TYPE – 2000 X 2000 MM



# WMW HBM MACHINE – SPINDLE DIA. **Ø100**

TABLE TYPE – 1500 X 1600 MM



# SEDIN RUSSIAN MAKE VTL

MAX DIA. OF JOB -  $\varnothing$ 1200 MM  
MAX HEIGHT OF JOB - 1000 MM



# KOLB RADIAL DRILLING MACHINE

MAX STEEL CAP. -75 MM , SWING OF ARM -3300 MM ,  
MAXIMUM HEIGHT 2700 MM





# RADIAL DRILING MACHINE



# UPCOMING EXPANSION

- We are in process of buying 50,000 SQFT. Of land with 15,000 SQFT of built in factory shed.
- We are expecting to complete the acquisition by April.
- We have recently purchased Double column VMC machine which will enhance our production rate of screen plate.
- In that set up like for centrifugal pumps we are planning to have testing bed for CM-21 pump ready for all times.

# DUPLEX ROTOR FOR VOITH



# PUMP IMPELLER & VOITH CM-21 PUMP WITH PERFORMANCE TRIAL



# CM-21 ROTOR & F2TS ROTOR



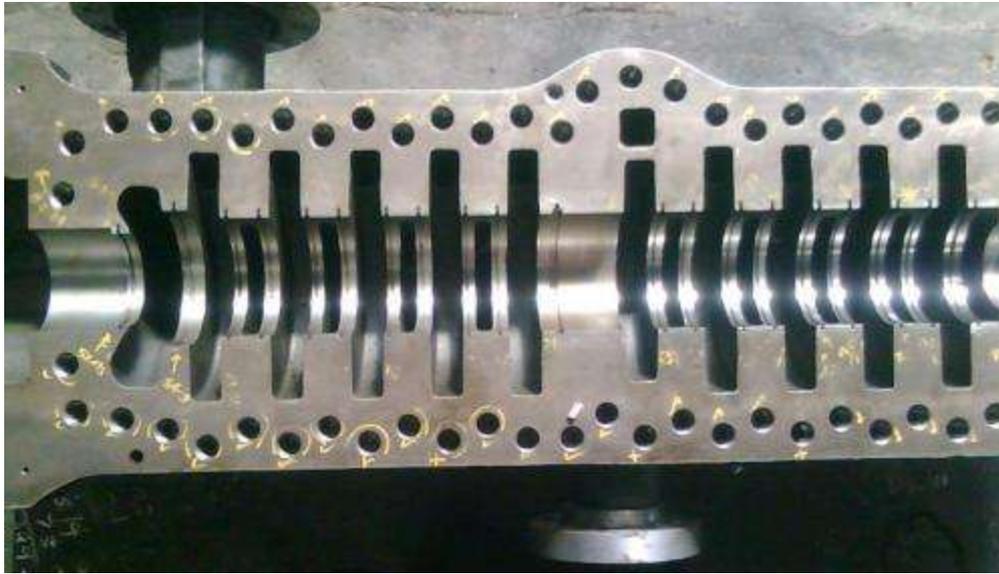
# SCREEN PLATE





# SL 25/25 PUMP WITH 14000 LPM















# 24" GATE VALVE COMPLETE MACHINED & SEAT WELDED LAPPED TESTED FOR KSB PUMPS LTD. CHINA







# PRODUCT OVERVIEW USHA ENTERPRISES



8 x 15 DMX hydro testing @ 310 bar pressure



# PRODUCT OVERVIEW USHA ENTERPRISES





# PRODUCT OVERVIEW USHA ENTERPRISES



8 x 15 DMX hydro testing @ 310 bar pressure

**THANK YOU...**

