

**Customize Production As Per Drawing
For Precision Machining And Medium Fabrication**

Vaani Precision Industries

Background Details



Established: 2005

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VISION AND MISSION

To be specialized in Railways, Aeronautics & Defence.

Sky is not a limit to us. We are dedicated to work towards international transportation system that is vast, competent, protected & trust worthy. We deliver highest quality assurance components to provide excellence in the industry. Your success is our ambition.

A small scale company with huge potential gives a form to your dream transportation at an affordable cost & in a limited time with an excellent quality.

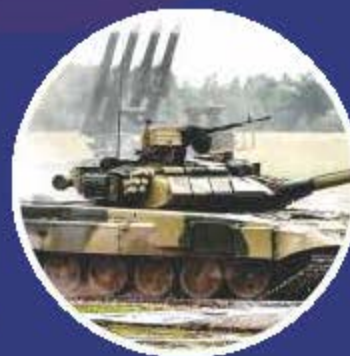
We are in search of foreign collaboration for exchange of technology or joint venture to expand our infrastructure for Aerospace industry OR Foreign Entrepreneurs who are interested to set up their base in India as per Defence Procurement Policy, we can establish our infrastructure in interest of both accordingly.

Our Valuable Customer



INDIAN RAILWAYS

ICF CHENNAI
MCF RAI BARELY
RCF KAPURTHALLA
DLMW PATIALA
BLW VARANASI
CLW CHITTRANJAN



OFB AMBAJHARI, NAGPUR
OFB MURADNAGAR | OFB DUM DUM



ITL (SONALIKA)
PREET TRACTORS

COMPANY GUIDELINES



QUALITY

CONTROL

DELIVERY SCHEDULES



We Strive for
Customer Satisfaction

OUR FOCUS

01

Clarity in Objectives to
Ascertain Direction and
Achieve Goals

Focus on Efficiency
& Technology for
Cost Reduction

04

Technology
Upgradation

02

05

Team Work

03

Quality
Product

Adhering to Delivery
Timelines

06

INFRASTRUCTURE

Admin Block

Standard room

Final Inspection Room

Design & Development

Accounts & Purchase

Shop Floor

Store Room

Packing Area

Scrap Yard

Generator Room

Our Plant is in
1400 Sq. Metre
covered with
identified Area
i.e.

Automotive Components



STUB AXLE
ASSEMBLY



STIFFER CAM
SHAFT



INTERMEDIATE
SHAFT



Break Head



BRAKE RIGGING ASSEMBLY
WITHOUT FRAME



HAND BRAKE
ASSEMBLY



5 Speed
Wet Housing



Plate Assy LH RH



Screw & Nut
Assembly



BP SHAFT 12T



BEVEL GEARS



Control Arm

OUR PRODUCTION MACHINES



VMC MACHINE



**CNC LATHE
MACHINE**



**UNIVERSAL CYLINDRICAL
GRINDING MACHINE**



**MIG WELDING
MACHINE**

MEASURING INSTRUMENTS



BORE
GUAGES



DIGITAL
HEIGHT GUAGE



BENCH CENTER



SURFACE
PLATE



CMM



DIGITEL VERNIER
CALIPERS



1/S-O/S
MICROMETERS



DIAL
GUAGE



DIGITAL
HEIGHT GUAGE



SET OF SLIP
GUAGES

FORGING COMPONENT

STUB AXLE ASSEMBLY

A Stub Axle Is A Sub-assembly Of A Front Axle Beam Upon Which The Road Wheel Mount

Technical Specification

Run Out On Dia. :- $\pm .05$ MM
Accuracy In Bore :- ± 0.03 MM
Super Fine Threads



CASTING COMPONENT

BRAKE HOUSING ASSEMBLY



Wet Brakes Are A Disc Style Brake System That Gets Mounted Inside The Agri Machine And Runs In The Transmission Fluid

Technical Specification

Inside Diaemeter : $\varnothing 171.5$ MM
Depth : 66 MM
Accuracy : ± 0.02
(on inside diameter)

Wet Brake Housing Assembly :

Complete Heavy Fixture Job
VMC Multiple Spot Face And
Drilling On P.C.D $\varnothing 170$ MM

SHAFTS

Shafts For Transmission In Automotive Components. Turning Up To 800 Mm Shafts In 0.02 To 0.03mm Run Out. Surface Finish Maintain Up To 0.8 Ra On Cylindrical Grinding Machine On Out Side Diameter And Bore



Technical Specification

Accuracy In Bore Diameter :- $\pm .010$ MM
Accuracy In Outside Diameter :- $\pm .010$ MM
Total Length Of Shaft :- 564 MM