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JAYANT ENGINEERING WORKS

(An ISO 9001 : 2008 Certified Company)



“Our Customer’s Satisfaction is Spell of Our Success”

COMPANY PROFILE

JAYANT ENGINEERING WORKS a group of company originated in the Year 1985, 35 Years experienced as erection of Fabricated Jobs and Machine Parts and specialize in Ships Spare Parts and Repairs as per the International Standards of Ship Building's of a Wide Range of all Mechanical Products as well as Services & Repairs of all types other Engineering Works.

We are running Mechanical based Engineering Workshop under the title **JAYANT ENGINEERING WORKS** and undertaking below mentioned jobs as per Drawings, Dimensions and Customer's requirement.

- Installation of Plant and Machineries.
- Making & supplying components of Plant and Machineries.
- Casting – Ferrous & Non Ferrous Metal and Moulding as per requirement, Dimensions, Drawing and Sample.
- Built-up worn-out portion of Machinery components with suitable electrodes and machining as per required size.
- Precision machining as per required size.
- Steel structure works (Plant & Machinery).
- Major & Minor repairing, overhauling & repowering of Machineries, earthmoving equipment's, cranes, generator sets, forklifts, compressors etc.
- We have framed our workshop as such that we can meet all kinds of engineering requirement of our Creditable Customers with their entire satisfactions

All kinds of Infrastructural facilities including workshop machineries, measuring & testing instruments lifting & shifting equipment's and sufficient workshop area (covered & open) area available with us.

We are interested to undertake the jobs pertaining to your project. We hope that your good organization will give us opportunity and we offer our workshop services.

MISSION

By using our Skill and Technology, We save Money and Time of Our Valuable Customers.

VISION

Providing All The Services Pertaining To Marine and Industries Under One Roof & Create Such a Infrastructure that we will generate Foreign Exchange & Save our Currency.

DRY DOCKING JOB



GMB Tug Rukmani at KPT Drydock



Gmb Tug Ashmawati at KPT Drydock Kot Nozzle Type



Gmb Tug Gopnath at KPT Drydock



Gmb Woith Propular Tug at KPT Drydock



Cutter Section Dredger at Mundra Drydock



Cutter Section Dredger at Mundra Drydock

OUR SERVICES

- Dry Docking Job
- Ship Repairing & Ship Chandling Unit
- Recondition of Engines
- Marine Engineering Works
- Repairing of Industrial and Construction Machinery
- Handling Equipments
- Hydraulic & Pneumatic Systems
- Fabrication Jobs
- Workshop of Machinery Re-Powering Unit
- Marine & Heavy Repairing Unit
- Heavy Machining Jobs
- Hydraulic Unit
- Marine, Industrial, Engines Including Components
- Foundry

RECONDITION OF ENGINES



Caterpillar 3516



MAK M-281



MAK M-453C



Mitsubishi 16 Cyl.



Salzer Crankshaft Grinding



Salzer Main Bearing Alignment

MARINE ENGINEERING WORKS



Steerable Propeller Unit



CPP Propeller Unit



Main Engine Sea Water Cooler

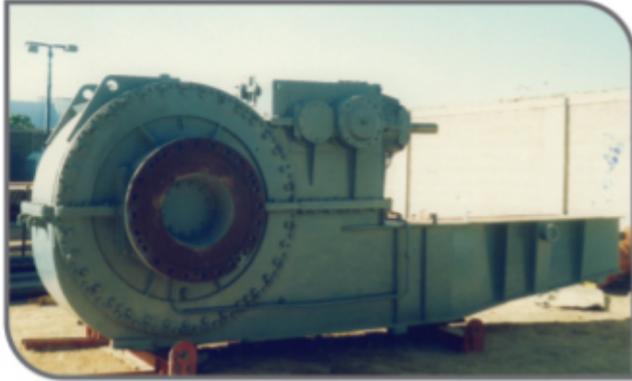


Marine Main Sea Water Pump



Roto Protocol Type 2 Cyl. Bilge Pump
with Top Gear Box

REPAIRING OF INDUSTRIAL & CONSTRUCTION MACHINERY



Overhauling of Takrfa Make Gear Box (German Made)
for Bucket Wheel Excavator for Lignite Mine



Machining of Power Turbine Casing

HANDLING EQUIPMENTS



Finger Type Grab for Iron Scrap



Jaw Type Grab for Wooden Logs



Bucket Grab for Loose Cargo



Fork Arm for Wooden Logs Handling

HYDRAULIC & PNEUMATIC SYSTEMS



Hydraulic Cylinder



Spud Universal Cylinder



Hydraulic Piston Pump

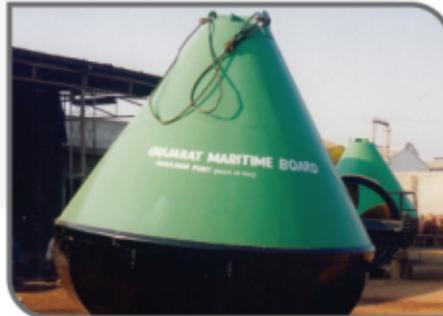


Hydraulic Motor

FABRICATION JOBS



Mooring Buoy



Cone Type Buoy



Can Type Buoy



Cement Cylo



Derik Boom



Dredger Spud Pipe

HEAVY MACHINING JOBS



Dredge Pump End Cover



P & H Crane Turn Table



Generator Shaft 2200 KW



Propeller Shaft



Cylindrical Roller



Sheet Forming Drum



P & H 955 Crane Turn Table



Pipe Pressure Testing End Cover Plate



Rolling Wheel with Roller Shaft

HYDRAULIC UNIT



Hydraulic Pipe Crimping Unit



Hydraulic Pipe Crimping Unit



Hydraulic Fabricated Hose Pipes

MARINE, INDUSTRIAL, ENGINES INCLUDING COMPONENTS



Marine Booster Pump Set



MAK Engine



Marine Cummins Engine 743



Chemical Marine Unloader Unit



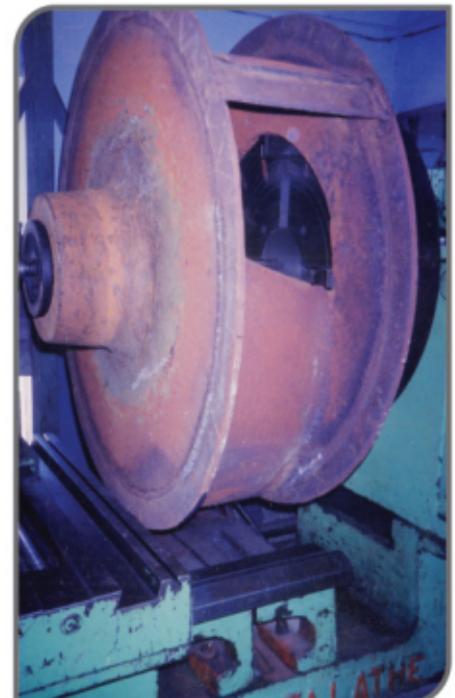
Caterpillar 3406



Cummins 495



Hydraulic Operated Overboard Discharge Gate Valve



Dredge Pump Impeller

FOUNDRY



Propeller With Sealing



Propeller Mechanical Seal



Propeller Shaft Cut-less Bushes with Seal



Foundry Shop



Casted GM Bushes



Aluminum & Zinc Anode for Under Water Fitting

WORKSHOP MACHINERY RE-POWERING UNIT



MARINE & HEAVY REPAIRING UNIT



LIST OF MACHINERY

■ REPOWERING SECTION

120" CAPACITY CRANK SHAFT REGRINDING MACHINE COMPLETE WITH STANDARD ACCESSORIES & ELECTRICALS. WEIGHT OF CRANK SHAFT 2000 KGS. APPROX. "RIAT MAKE"

CRANK SHAFT REGRINDER MACHINE. CAPACITY 84" GRINDING LENGTH AND 250MM STROKE. "RIAT MAKE"

LINE BORING MACHINE SEMI AUTO 8' LONG BLOCK AND LINE BORE. "PRINCE MAKE" PLB 1500

CONNECTING ROD BORING MACHINE 2' LONG ROD. "LATHIA MAKE"

VALVE GRINDING MACHINE. "KULKARNI BLACK & DECKER MAKE"

HONNING MACHINE. 600 MM DIA

CYLINDER BORING MACHINE 2" DIA TO 8" DIA. "JMT MAKE"

PORTABLE 1.1/2" DIA TO 4" DIA CYLINDER BORING MACHINE.

TOOLS FOR VALVE REPAIRING.

SPRAY WELDING L&T MAKE.

BENCH GRINDER.

VERTICAL SURFACE GRINDER MACHINE COMPLETE WITH ELECTRICALS AND STD ACCESSORIES MODEL SG-1500. 6 FT GRINDING CAPACITY. "KUTTUKARAN MAKE"

SURFACE GRINDING MACHINE MANUAL. "HARSURA MAKE"

CONNECTING ROD HONNING MACHINE. "PRECI-TECH MAKE" HONNING-M-4-80

20 POUNDS TO 700 POUNDS TORQUE WRENCHES WITH BOX SPANNERS.

CRANK SHAFT STRAIGHTNING PRESS. "KUTTUKARAN MAKE".

ENGINE CRANK SHAFT DEFLECTION TESTING GAUGE.

■ FABRICATION SECTION

GAS CUTTING EQUIPMENTS WITH HOSES.

SAND BLASTING UNIT.

AIR PLASMA ARC CUTTING MACHINE:- A. ARCRAFT 30 MM CUTTING CAPACITY.

LIST OF MACHINERY

▪ Light & Heavy Machining Section

LATHE MACHINE 25 FEET BED LENGTH. "ALFA MAKE" BATALA.

LATHE MACHINE 4 FEET TO 12 FEET CAPACITY.

BORING CUM MILLING MACHINE "SCHARMANN" GERMANY MAKE. CAPACITY: 1000 MM X 1000 MM TABLE X 900MM(X) X 2500MM(Y) AXIES.

BORING CUM MILLING MACHINE "NOMURA" JAPAN MAKE. CAPACITY: 1250 MM X 1250 MM TABLE X 1250 MM(X) X 3000 MM(Y) AXLES.

HEAVY DUTY LATHE MACHINE "OERLIKON" GERMANY MAKE WITH TWO TOOL POST AND BED LENGTH OF 25 FEET WITH TAPPER TURNING ATTACHMENT.

HEAVY DUTY LATHE MACHINE "VDF-SORVI" GERMANY MAKE WITH THREE TOOL POST AND BED LENGTH BETWEEN CENTER 15 MTR.

VARIOUS PORTABLE GRINDING, POLISHING, DRILLING TOOLS.

36" STROKE ALL GEARED SHAPPING MACHINE "SAGAR MAKE"

PORTABLE HAND TOOLS AND GRINDING SETS OF VARIOUS CAPACITIES.

LATHE MACHINE 20 FEET BED LENGTH. "QMP MAKE"

RADIAL DRILL 2 ½" DIA CAPACITY HMT MAKE.

PILLER DRILLING MACHINE "ALZMETALL" GERMANY MAKE. 2" DIA CAP.

SLOTTING MACHINE "COOPER MAKE". 400 MM STROKE.

SHEARING MACHINE FOR CUTTING 2" DIA BARS, 6" CHANNELS, 2" SQUARE BARS, 60MM ANGLES AND PLAIN FLATS ETC. "BUFFALO MAKE"

DRILLING MACHINE 1MM TO 16MM.

PORTABLE MAGNETIC DRILLING MACHINE.

HEAVY DUTY FACING LATHE "RAVENSBURG" GERMANY MAKE.
CAPACITY: 2500 MM CHUCK DIA X 1500 MM LENGTH.

PLANNO MILLER "BONARDI GIULIO" MACHINE. CAPACITY: 5000 MM LENGTH X 1500 MM(X) X 1500 MM(Y) AXIES.

LIST OF MACHINERY

■ BENDING SECTION

HAND PRESS 80 TONS CAPACITY.

HAND PRESS OF VARIOUS CAPACITIES.

PIPE BENDING MACHINE.

SEMI AUTOMATIC PLATE BENDING MACHINE FOR 20MM AND 40MM THICK PLATE.

HYDRAULIC PRESS MACHINE 300 TONS CAPACITY.

HYDRAULIC PRESS MACHINE 150 TONS CAPACITY.

PLATE EDGE BENDING MACHINE.

■ WELDING SECTION

WELDING TRANSFORMER SETS WITH COMPLETE ACCESSORIES.

MIG. WELDING MACHINE WITH COMPLETE ACCESSORIES.

TIG WELDING MACHINE WITH COMPLETE ACCESSORIES.

ARGON WELDING MACHINE WITH COMPLETE ACCESSORIES.

WELDING RECTIFIER WITH COMPLETE ACCESSORIES.

KIRLOSKAR MOBILE WELDING DIESEL GENERATOR SET 350 AMP. CAPACITY.

ADAVANI MOBILE WELDING DIESEL GENERATOR SET 400 AMP. CAPACITY.

■ OTHER MACHINERIES

CASTING FURNANCE FOR FERROUS & NON FERROUS CASTING:-

A. COAL FIRE FURNANCE – 100 KGS CAPACITY.

COMPLETE STAGINE DEVICES SCAFFLODING TO CARRYOUT PLANT RENEWAL.

KIRLOSKAR POWER GENERATOR – 40 KVA.

KIRLOSKAR POWER GENERATOR – 125 KGS.

LISTER POWER GENERATOR – 40 KVA.

KIRLOSKAR POWER GENERATOR – 62 KVA.

OTHER MACHINERIES

POWER GENERATOR MWM RUSTON ENGINE 125 KVA.

ENERGY POWER GENERATOR – 10 KVA.

CUMMINS POWER GENERATOR – 83 KVA.

CUMMINS POWER GENERATOR – 225 KVA.

WIRE ROPE SEALING FERRUL CRIMPING PRESS MACHINE. CAPACITY – 5MM TO 65MM

WATER JET PRESSURE MACHINE. 250 BAR CAPACITY

LIFTING JACKS 5 TONS TO 300 TONS.

LIFTING CHAIN PULLEY BLOCKS 0.50 TONS TO 10 TONS

HYDRAULIC MECHANICAL PULLERS OF VARIOUS CAPACITIES.

EQUIPMENTS FOR HOLDING TAIL END SHAFT FOR CHECKING.

MAGNETIC DIAL GAUGES FOR CHECKING TRUENESS OF THE SHAFT.

CENTRIFUGAL CASTING UNIT FOR RE-METALLING MACHINE.

TESTING EQUIPMENTS:-

- A. STATISTIC BALANCING CHECK DEVICES.
- B. DEVICE FOR CHECKING HYD. & VACUUM CHECK.
- C. DIE PENETRATION FOR CRACK DETECTION.
- D. ALL TYPES OF PRECISION MEASUREMENT INSTRUMENTS.

FASTALIGN (MINI ALIGNMENT COMPUTER) MODEL FAL-5M FOR PUMPS, COMPRESSORS TURBINES

GENERATORS FANS DIESEL ENGINE.

ULTRASONIC THICKNESS GAUGING MACHINE MODEL U STG-10. (ELECTRONIC PROBE)

OTHER MACHINERIES

MAGNETEC FASTALIGN MODEL FAC-5H.

CHEMICAL CLEANING TANK.

THREADING MACHINE "OSTER" USA MAKE.

TENSILE TESTING MACHINE. (WIRE SEALING, CHAIN & D SHACKLE TESTING)

SKF HYDRAULIC BEARING PULLERS COMPLETE SET.

OUTSIDE MICROMETER CAPACITY UPTO 700 MM.

INSIDE MICROMETER CAPACITY UPTO 1500 MM.

INFRARED THERMOMETER DEVICE.

HYDRAULIC HOSE PRESSURE TESTING MACHINE

AIR COMPRESSURE

PORTABLE HARDNESS TESTER (POLDI TYPE). MODEL: PHM.

HYDRAULIC POWER PACK UNIT.

VARNIER CALLIPERSE "MITUTOYO" 2000MM L CAP.

BEVEL PROTECTING (ANGLE) DEGREE MEASURING INSTRUMENT "MITUTOYO".

TECO METER CAPACITY 100-30000 RPM.

ALL TYPES OF MULTIPURPOSE RADIUS GAUGE COMPLETE SET "MITUTOYO".

HYDRAULIC HIGH PRESSURE HOSE ASSEMBLY MANUFACTURING UNIT WITH ALL ACCESSORIES.
CAPACITY – PIPE SIZE ¼" TO 3"

2 TON CAPACITY FORK LIFT FOR MATERIAL HANDLING (HYSTER & GODREJ).

2.5 TON CAPACITY FORK LIFT FOR MATERIAL HANDLING. (GODREJ)

***Reconditioning Of Engines, Marine Engineering Works,
Repair Of Industrial And Construction Machinery,
Handling Equipment, Hydraulic And Pneumatic Systems,
Metal Casting And Heavy Machining Works,
Fabrication Of Steel Equipment, Dynamic Balancing Etc.***



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MUNDRA.