



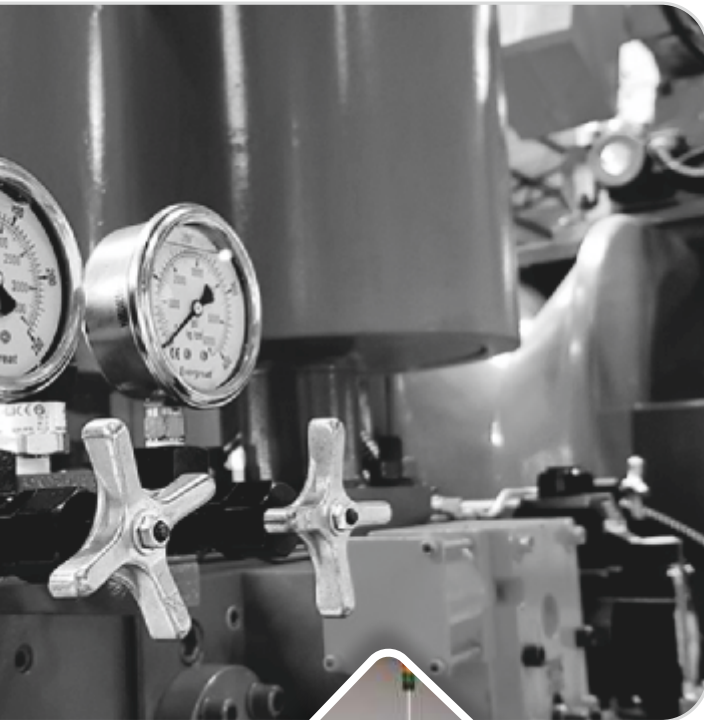
DIAMOND

ENGINEERING ► COMPLETE SOLUTION

A Complete Solution Provider

- Special Purpose Machine
- Automatic Assembly Line
- All Material Handling Solutions
- All Die Casting Overhauling Services
- Die Casting Spares
- All Type of CNC Machine Job Work

We believe in
**Quality
Engineering
Work**





Material Handling

Overhauling

Company Profile

Diamond Engineering is a known entity when it comes to processing standard and bespoke product requirements of the clients. We started our company operations as a manufacturer and supplier of SPM Machines. Designed and manufactured with utmost precision, our offered product line is inclusive of Quill Feed Drilling Machine, SPM Drilling Machine, Multi Spindle Tapping SPM, Fine Boring SPM Machine, SPM Drilling Tapping Machine and Double Head Drilling Machine to name a few. Being a quality-conscious firm, we ensure that the offered products satisfy the set quality criteria to win the trust of the clients. Keeping the industry demands in notice, we started dealing in Assembly Line, Industrial Conveyor, Die Casting spares and All material handling solutions. Buyers are free to procure the aforementioned products in any quantity at any time of the year.

Diamond Engineering is a brainchild of Mr. Rakesh Sharma. He laid the foundation stone of the company in 2006 with a sole motive to emerge as a leading name in the area of operations. Working under his able guidance, we have secured a good name in the regional marketplace. The company is based in Gurgaon (Haryana, India) and we operate with a large distribution network.



Mr. Rakesh Sharma
Director



CNC JOBWORK

Spares

Die Castings

The Workforce

At Diamond Engineering, we are backed by a team of professionals having skills and resources required to produce, store, pack, quality check, and further processing. Working together, we have been serving the best in class products and related services to the clients.

Points to Ponder

We undertake urgent and massive product orders

We process demands for tailored packaging

For the ease of the clients, we accept payment online and offline

Vision

Providing Best Product and Services

To enhance Our clients Capacity and Capability

Mission

Design, Development and Implementation Of Automation Techniques to achieve World Class Quality and Productivity



DIAMOND ENGINEERING

Special Purpose Machine

We deliver :

- Pick and Place Automation
- Component washing machine
- Drilling & Tapping Machine
- Multi Spindle Drilling Machine
- Leak Testing Machine
- Jig Fixture and Gauges
- Trimming Press Machine
- Rotary Milling Machine
- Load Testing Machine
- Break Shoe Grinding Machine
- Nut Tightening And Screwing Automation
- Automatic Riser Cutting Machine



Special Purpose Machines



Gauges



Fixture



Quill Feed Drilling Machine



Multi Spindle Drilling And Tapping Machine



Fine Boring SPM Machine



SPM Drilling Machine



Pneumatic Fixture

Assembly Line



We deliver :

- Speed sensor assembly line
- Ignition switch assembly line
- F.F.C assembly line
- Door lock assembly line
- IRVM (inside rear view mirror) Assembly line
- ORVM (outside rear view mirror) Assembly line
- All types of conveyor - Linear, Rotary, Vertical



DIAMOND ENGINEERING

Industrial Conveyors



Belt Conveyor



Slat Chain Conveyor



Wire Mesh Conveyor



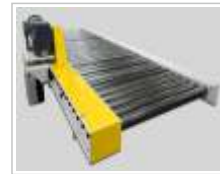
Bucket Conveyor



Screw Conveyor



Oven Conveyor



Chain Driven
Roller Conveyor



Battery Assembly
Line Conveyor



Aircraft Loading Belt
Conveyor
(Towable Type)



Mobile Conveyor
System



Inspection Conveyor



Inclined Conveyors

Conveyor Components



Conveyor Rollers



Magnetic Pulleys



Rubber Conveyors Belt



Magnetic Head Pulleys



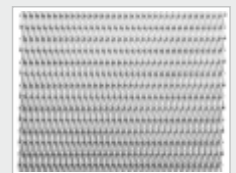
Stainless Steel Slat
Conveyor Chain



Roller Chains



Wire Mesh Conveyor Belt



Wire Mesh Belts



Return Idler Roller



Idler Rolls



Gravity Roller



Conveyor Idler Frames

All Material Handling Solutions

We deals in all kinds of
material handling equipment
including Conveyor,
Trolleys and more



Leading
Manufacturer
& Exporter of
Material
Handling
System



Bulk Handling Conveyors



Overland Conveyors



Cement Handling System



Bulk Handling Conveyor



Aggregate Conveyors



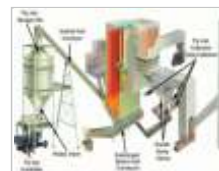
Trough Belt Conveyors



Bucket Elevators



Concrete Placers



Ash Handling System

Modular Lean Racks



Roller Tracks



Fifo Racks



Storage Racks



Warehouse Racks



Drum Storage Racks



Mezzanine Storage Rack



Normal Storage Rack



Multi Purpose Racks

Material Handling Trolley



Automobile Material Handling Trolley



Gas Cylinder Trolley



Drum Handling Trolley



Stacker and Hand pilot

We believe in
**Quality
Engineering
Work**

DIAMOND ENGINEERING

Die Casting Overhauling

Pressure Die Casting
Machines Reconditioning
Service

We recondition Cold and Hot Chamber die casting machine of any tonnage. In reconditioning activity include a check up of all parts , the hydraulic, electronic, electrical items replaced, all mechanical parts are repaired or replaced with new one, all cylinder are re-chromed if necessary also replaced the toggle bushes and pins, guide bar bushes and tie bar bushes with new one. Replacing all seals.

Comp. Machine Centralize Lubrication Pipe & Fitting Replacement. Tie bar Elongation and Machine Painting. Machine field wiring. Also provide panel wiring and PLC programming facility.

We restore your machine to its original serviceable condition. This involves disassembling the machine, the inspection of the current state of components; repair or replacement of worn /broken parts; reassembly and testing/ trial run to make sure everything is at full operating level.

Provide assistance, consultation about trouble-shooting solutions

Change plc control

Modify control system

Install extractor robot & spray robot

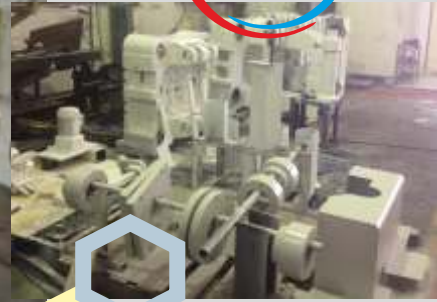
Import Used die-diecasting m/c

Recondition Diecasting machine TOSHIBA, UBE, LK, ZITAI

Hydraulic piping

Hydraulic equipment import





Die Casting Overhauling

Die Casting Spares

Specialize in all kind
of Die Casting Spares

DIAMOND ENGINEERING Our Spare Parts List



Standard Shot Sleeve



Integral Shot Sleeve



Cooling Shot Sleeve



Chilvent



Sprue bush and Diffuser



Plunger Rod Assembly



Plunger Tip



Die Guide Pillar & Bushes



Ladle Cup



Coupling



Tie Bar and Nut Upto 420T M/C



Features :-
 Low maintenance
 Hight performance
 Durable standards
 Functional efficiency



Ejector Rod



Plunger Adapter



Die Casting Piston Rod



Piston Ring



Die Clamp



Die Cooling Nipple



Die Casting Toggle Pin



Spray Header



PLUNGER TIP



Jet Cooling

Process we follow **for rich quality...**

Controls

PLC Based system, PC Based system

Traceability

Labeling, Barcoding, Data Logging
Joining Technology,
AC and DC current based
welding & Fusing,
Manual Soldering & Lead
Free soldering by robot
Hot Plate Welding for Thermoplastics
Nut Tightening and Screwing
Riveting, Caulking
Crimping of terminals & electrical wires
Press Fitting and Insertion
(Servo, Pneumatic and Hydraulic based)

Measurement & Testing

Leak Testing,
Pressure & Flow Testing,
Laser & LVDT Measurement,
Force/Torque Measurement,
Vision inspection,
Current/HV (High Voltage) check
Voltage, Resistance

Machine Tool solutions for light metal parts

Slot Grinding, Drilling, Boring, Tapping

Printing & Marking

Thermal Pad Printing
Laser Marking
Percussion Marking
Inkjet Marking

Pick and Place and Component transfer

Pneumatic-XYZ Gantries
Servo/Stepper-XYZ Gantries
Servo and Pneumatic Rotary Table Robots
Conveyor based transfers

Interpolated Dispensing

Two part liquid dispensing-time/pressure based
Positive displacement dispensing



Our Clients



**MARUTI
SUZUKI**

HITACHI
Inspire the Next



**SUNDEAM
AUTO PVT. LTD.**



**MUNJAL
SHOWA**



DIAMOND
ENGINEERING ► COMPLETE SOLUTION



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