



MM FORGINGS

FORGING EXCELLENCE



QUALITY POLICY

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... FORGING EXCELLENCE... QUALITY WAY OF LIFE..



We at M M Forgings are committed to enhance customer delight through continual improvement of our quality management system.

VIDYASHANKAR KRISHNAN
CHAIRMAN & MANAGING DIRECTOR



OUR HISTORY

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... FORGING EXCELLENCE ... DECADES OF EXPERIENCE ...

1974 PLANT -1 / FIRST FORGE SHOP ESTABLISHMENT

STARTED IN SINGAMPUNARI. , TAMILNADU, INDIA

FORGING CAPACITY OF 780T / ANNUM

1991 PLANT-2 / 2ND FORGE SHOP ESTABLISHMENT

PRESS LINES COMMISSIONED FOR AUTOMOTIVE FORGING REQUIREMENTS AND HIGH VOLUME PRODUCTION.

1946 MADRAS MOTORS ESTABLISHED

RETAIL OF ROYAL ENFIELD MOTOR BIKES IMPORTED FROM UNITED KINGDOM.

1990 WOUNDUP OF RETAIL ACTIVITY

RETAIL OF "ROYAL ENFIELD" MOTORBIKES WOUND UP AND PROMOTER'S STAKE IN ENFIELD INDIA LIMITED DILUTED TO FOCUS ON FORGING VERTICAL

1994 IPO

COMPANY LISTED IN INDIAN STOCK EXCHANGES AND RENAMED ITSELF AS "M M FORGINGS LIMITED" RETAINING "M M" FROM ERSTWHILE MADRAS MOTORS



1998 **PLANT-3 / GEARS INDIA ACQUISITION**

FIRST FORAY INTO MACHINING - ACQUIRED "GEARS INDIA" IN CHENNAI TO SETUP MACHINING UNIT.

MACHINING OF SHAFTS STARTED

2007 **PLANT -5 / WIND FARM AT PANAKUDI, IN**

20,000 TONS OF CO2 SAVINGS IN A YEAR
200 LAKHS UNITS THROUGH SOLAR POWER

2012 **STATE OF THE ART MACHINESHOP AT PLANT-2**

AS MORE CUSTOMER REQUIRED FINISH PRODUCTS, COMPANY ADDED NEW MACHINESHOP AT OUR VIRALIMALAI PLANT

2002 **PLANT -4 / 3RD FORGE SHOP ESTABLISHMENT**

NEW FORGE SHOP ESTABLISHED IN PADAPPALAI NR CHENNAI, TAMILNADU

MACHINE SHOP ESTABLISHED IN THE SAME LOCATION. 1ST COMBINED FORGE AND MACHINESHOP

2009 **PLANT -6 / SOLAR SITE AT ARUPUKOTTAI, IN**

3000 TONS OF CO2 SAVINGS IN A YEAR
30 LAKHS UNITS THROUGH SOLAR POWER

2015 **INDUSTRIAL AUTOMATION DIVISION / PLANT-7**

COMMISSIONED TO MEET THE IN-HOUSE AUTOMATION NEEDS
DESIGNED AND DEVELOPED MATERIAL HANDLING SYSTEMS
PLC CONTROLLED MACHINES
HEAVY FABRICATIONS



HEAVY FORGING DIVISION ESTABLISHMENT

8000TON MECHANICAL PRESS COMMISSIONING
AUTOMOTATED SETUP / ITALIAN BOLSTER DESIGN

PLANT -8 / DVS INDUSTRIES ACQUISITION

SPECIALIST IN CRANKSHAFT MACHINING
CAPACITY TO DO 30,000 CRANKSHAFT PER MONTH

COMMISSIONING OF 7000T PRESS

COMMISSIONED 7000T PRESS IN HEAVY FORGING DIVISION.
HEAVY FORGING CAPACITY AUGMENTED

FRONT AXLE BEAM / KNUCKLE MACHINING

MACHINE SHOP AUGMENTED WITH NEW MACHINES FOR MACHINING
OF HEAVY FORGING..

FRONT AXLE BEAM LINE AND KNUCKLE LINE ESTABLISHED

PLANT -9 / LUCKNOW PLANT ESTABLISHMENT

GREEN FIELD PLANT ESTABLISHMENT

RECORD LAUNCH TIME OF 12 MONTHS FROM PROPOSAL TO SHOP
FLOOR



LEADING EDGE TECHNOLOGY

...FORGING EXCELLENCE...



PRODUCT RANGE

WEIGHT RANGE OF
100 GRAMS TO 120
KILOGRAM.

FOR ALL INDUSTRIAL
SEGEMENTS



FORGING CAPABILITY

MECHANICAL PRESS
CNC HAMMER
HYDRAULLIC PRESS
PNEUMATIC HAMMER
RING ROLLING
SCREW PRESS
UPSETTER
DROP HAMMER



MACHINING CAPABILITY

INTEGRATED
MACHINESHOP FOR
OPTIMAL DELIVERY

300+ VMC MACHINES

30+ PRODUCT
SPECIFIC LINES



LABORATORY FACILITY

SPECTROMETRIC
ANALYSIS
CLEMEX IMAGING
SOFTWARE
MICRO VICKERS
TESTER
SOPHISTICATED
EQUIPMENTS



MATERIAL CUTTING

BANDSAW
CIRCULAR SAW
SHEAR CUT



LEADING EDGE TECHNOLOGY

...FORGING EXCELLENCE...



TOOL MANUFACTURING

IN-HOUSE TOOL ROOM FOR PRECISION MANUFACTURING.

CAPABILITY TO MANUFACTURE DIES UPTO 2 METRE IN LENGTH



BILLET HEATING

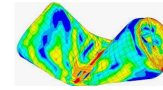
THREE WAY HEAT SEGREGATION [POKA YOKE]

ALL LINES ARE EQUIPPED WITH INDUCTION BILLET HEATERS



COMPUTER AIDED DESIGN

ALL PLANTS ARE EQUIPPED WITH INDEPENDENT DESIGN AND DEVELOPMENT TEAM WITH ADVANCED SOFTWARE FOR DIE DESIGN



SIMULATION

USAGE OF FINITE ELEMENT ANALYSIS SOFTWARE FOR FORGING DIE SIMULATION "DE-FORM"



RESEARCH & DEVELOPMENT

EXCLUSIVE R&D CENTRE FOR FOCUS ON IMPROVEMENT ACTIVITIES AND CUSTOMIZATIONS



LEADING EDGE TECHNOLOGY

...FORGING EXCELLENCE...



HEAT TREATMENT

NORMALIZING
CONTROL COOLING
QUENCH & TEMPER
ANNEALING
CASE CARBURIZING
INDUCTION HARDEN



POWER

DEDICATED POWER
FROM THE FEEDER.

DG BACKUP FOR
RUNNING
PRODUCTION



EPEC AWARD

WINNER OF
ENGINEERING EXPORT
PROMOTION COUNCIL
AWARD FOR THE
LARGEST EXPORTER
OF STEEL FORGINGS
IN SOUTH INDIA FOR
THIRTY ONE
CONSECUTIVE YEARS



COLLABORATION

COLLABORATION
WITH WORLD CLASS
MACHINERY MAKERS
FOR
MANUFACTURING
AND LINE
ESTABLISHMENT



INFORMATION & TECHNOLOGY

SEAMLESS ERP
SYSTEM

SECURE DATA
STORAGE AND
RETRIEVAL

TRACEABILITY UP TO
15+ YEARS