



PMT Tech-Centre
is for the first time in Pune, India, with
live demonstration of various automotive
components (cold/hot) forged of GFM
Radial Forging Machine.



SHAPING FUTURE INNOVATIONS



RADIAL FORGING MACHINE

TYPE / MODEL		ESA-06	ESA-10	ESA-10/R	ESA 14	ESA 14/R	ESA-19
Forging Force nom.	(ton)	90	140	180	220	280	440
Forging Power nom.	(kW)	55	75	90	160	160	200
Stroke Rate max.	(min)	1450	1250	1250	900	900	600

NEW
ESA
TYPE!

ELECTRIC TORQUE
MOTOR SYSTEM

GFM RADIAL FORGING- AND SWAGING TECHNOLOGY



Internal contours with tightest tolerances

This process enables economical production of complex internal shapes in one forming step.

Oil and emission free environment

No phosphating or other chemical treatment required.

Highest energy efficiency

By use of highly efficient torque motors and drives.

Cold, semi-hot and hot applications

Our machines are suitable for workpiece temperatures from room temperature to more than 1000°C.

Less weight and higher strength

Feasible for innovative light weight design with tubular shafts and hollow components.

Material savings

Workpiece is not machined but formed. This leads to better material utilization.

POWER TRAIN

TRANSMISSION SHAFTS
EV SHAFTS



OUR BRANCH OFFICES AT KOLKATA/DELHI/BANGALORE

SHAPING FUTURE INNOVATIONS



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