

REPAIR & REFURBISHMENT



ENAG manufactures, repairs and maintains electric motors since 1946.

These motors can be either an ENAG design or a motor from another constructor adapted by ENAG to meet our customers specific requirements. Our in-house expertise and experience allows us to overhaul a wide range of DC and AC motors regardless of their condition.



WINDING (AC / DC)

Power range 0.1 KW to 2 500 KW

Forming and winding



Undercutting the commutator



VPI



Curing



Dynamic balancing (max. 2.5t)



Recorded electrical tests
(insulation, dielectric, resistance,
winding electric shock test,
polarization index)



MACHINE WORK SHOP

Numeric and conventional lathes

Milling machines

Boring

Press

Test and metrology



METAL WORK SHOP

Bending

Forming jigs

Pre-forming coils

Cutting (shears 3m)

Soldering TIG – MIG

Welding



TEST EQUIPMENT

Test bench A.C. / D.C. 390 KW
with variable speed

AC source 50 – 60 – 400 Hz

Variable DC source 1 KW 2.5 kA

Faraday cage

AC / DC loads - upto 2mW

Dynamic balancing machine 2.5t

Surge tester

Torquemetre

Storage oscilloscope

Brush holder pressure gauge

Commutator profile measurement
(concentricity)

Commutator surface profile gauge

