Let ProMotE carry you to new technologies

Founded in 2013
Located in Istanbul
Mahmutbey, Ataşehir & Çorlu Technopark
Expertise on:

- Electric Motor Design
- Power Electronics
- Automation Technolgy
- Process Development
- Production System
- Quality

Energy efficient motor design with turn-key solutions of fully automated production lines where no-man production and low-cost automation is our main philosophy. The new energy regulation in appliance, pumps, fan… is forcing all the manufacturers to invest on new motor technologies. Promote will be your solution provider for these technologies.



Our Partners





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ProMotE

We Create Motor Technology



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Promote



First and only circulator designed and produced in Turkey.
Patented PM rotor techology for high efficiency need of ErP.

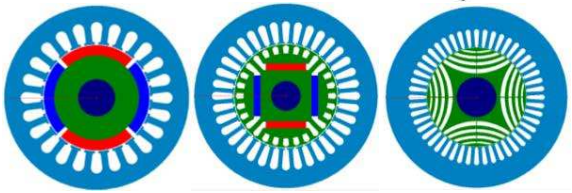


Solutions for >IE4 industrial motors

Different motor technologies have been studied for higher efficiency greater than IE4 limits. Our suggested motor solutions:

Permanent Magnet Synchronous
Synchronous Reluctance
Line Start PM Synchronous
Line Start Reluctance Synchronous
Squirrel Cage Asynchronous





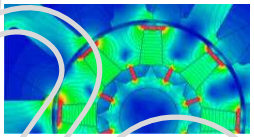
PMSM LSPMSM SynRel

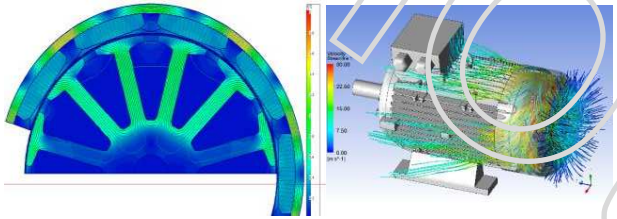
PMSM and SynRel are best choices for variable speed application such as pump and fan.
Up to 7.5kW PMSM and above 7.5kW SynRel are cost effective solutions.
LSPMSM is one of the best choices for mid power range. There is no need for driver to reach high efficiency.

Solutions for home appliance

To achieve cost effective, compact and high efficiency, PM motor technology is the best solution for the home appliance. Our designs include:

Washing machine motor
Dishwasher circulation pump
Fan motor for range hood
Air conditioner
Vacuum cleaner





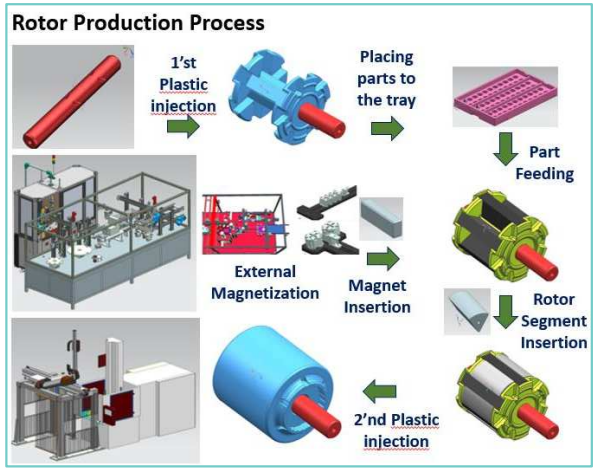
Other solutions

High power density up to 8kW/kg motor design with special cooling method for power train (EVs) and military applications.
Encapsulated submersible pump motor design.
IE2 and IE3 Industrial motor design.
Circulator pump design up to 2kW acc.to EU EcoDesign regulation.
Servomotor design with very low torque ripple

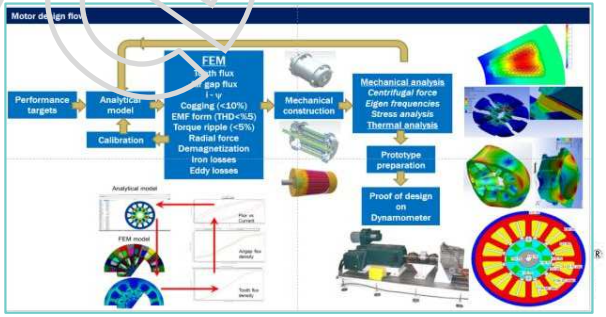


Production technologies

Key Production technologies development for electric motor production.
Special process and equipment design & development for PMSM motors.
Full automatic production line design and development as "**Factory In Box**" business model with Industry 4.0
Special Test Systems design & development for electric motors.







PROTOTYPE