



Tailor-made Machines

Dema develops, builds
and installs
automation machines
for electric motors production.

Our production lines are cutting-edge
automation solutions both for
mechanical and software engineering.



Tailor-made Machines

Dema develops internally every step.

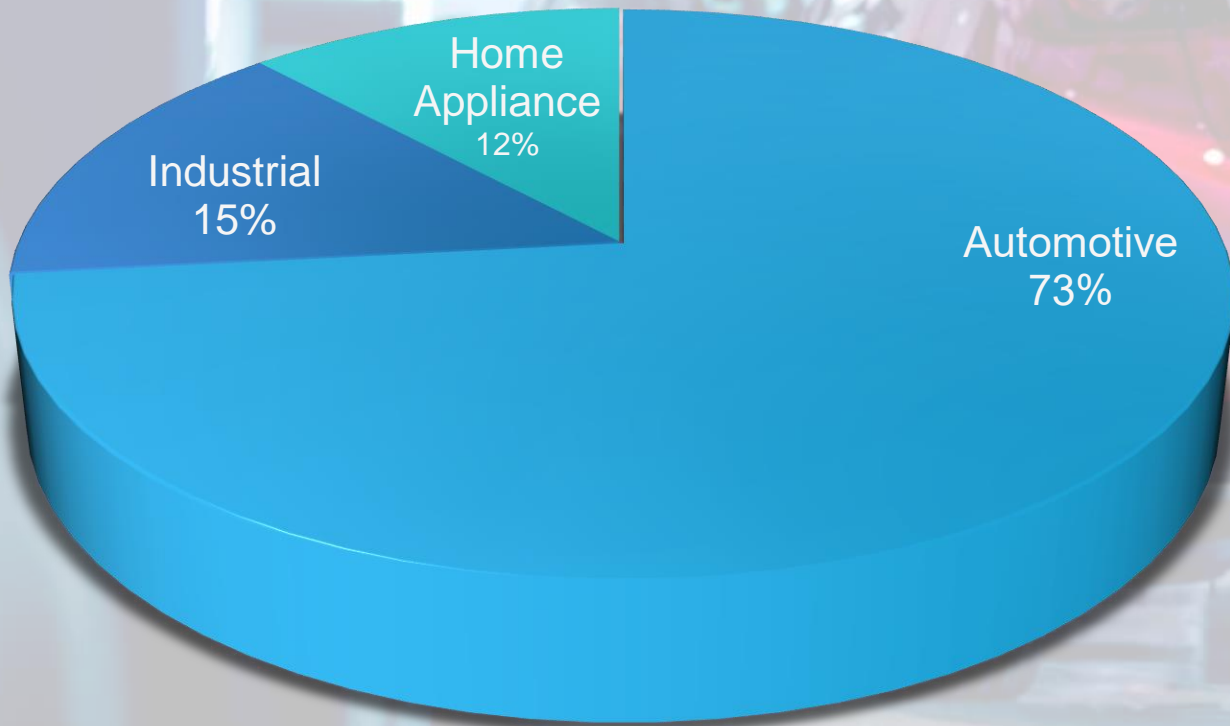


We define the solution together,
we design it on your needs
and then we set up the machine.



Tailor-made Machines

**Our customers
are leaders
all over the world in
these areas.**



■ Automotive ■ Industrial ■ Home Appliance

We know in detail
the specific needs
in different fields.

For this reason,
we can lead you

towards your goals

with our

customized technologies.



Tailor-made Machines

Our Customers



Our strenghts



KNOW-HOW



RELIABLE



TAILOR-MADE



70
Years
EXPERIENCE



Tailor-made Machines



SOLUTIONS



WORLDWIDE



PROBLEM-SOLVING



Innovation is our way to think

A company that ensures,
reliable results through the
“tailor-made manufacturing system”
that magnifies the advantages of both
industrial and handcraft methods,
since 1952.

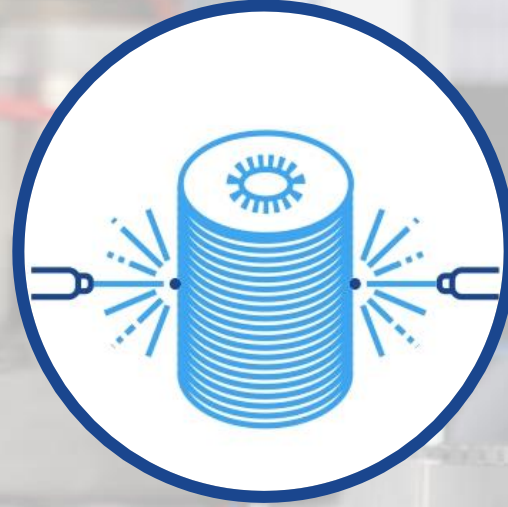


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Our competencies



STACKING



JOINING



INSPECTING



ASSEMBLING

Dema specialization is
the automation of processes
necessary to produce
rotor and stator stacks
for electric motors



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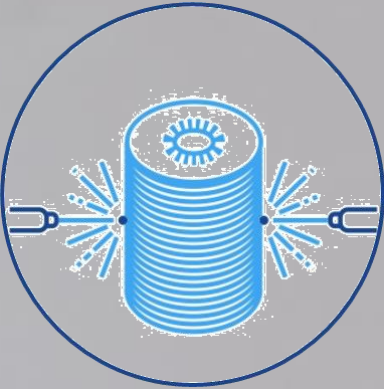
Stacking

from loose laminations or stack sectors

- Big diameter laminations
- Small diameter laminations
- Thin laminations
- Laminations with any kind of geometry



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Joining the stack by:

- Welding
- Riveting
- Cleating
- Repressing
- Shaft insertion
- Glue dispensing
- Polimerisation (Backlack, glue)



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Inspecting

Control of different stack features:

- Dimensional inspection
- Geometrical inspection
- Go – no go gauges
- Slots inspection
- Welding seams checks
- Strenght checks
- Cosmetics checks
- Bonded stacks inspection



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Assembling

To complete the production process of stator and rotor stacks further operations could be necessary, like:

- Magnets insertions
- Glue dispensing and polymerization
- Lubrication and rustproof dosing
- Shaft notching
- End fibers insertion
- Commutator insertion
- Mechanical deformation of burr and components
- Overmolding machine feeding
- Stacks cleaning
- Packaging



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Dema Customer Care

- Planned assistance
- Hot line
- Teleassistance
- Refurbishing
- Training

Dema offers yearly assistance pack for on site/remote support.



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Dema Friendly Tech

Dema Machines give you
the opportunity
to be constantly informed about:

Machine functions

Status

Products traceability*

*that can be interfaced with ERP and
quality management software



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Dema Friendly Tech

All Dema machines
give you the chance
to have a
complete diagnostic.



Tailor-made Machines

Augmented Reality

Innovative, simple and precise way to identify mechanical components and sensors.

An App to explore a perfect reproduction of your Dema machine.

A precious ally for the operators.

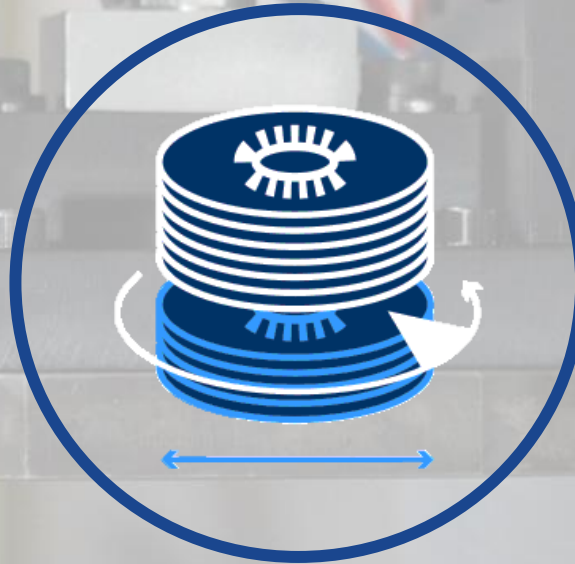


Tailor-made Machines

Last Patented Technologies



DDLOCK™



SALAG™



SEGMENT ASSEMBLING™

Special solutions for
unique outcomes.



Tailor-made Machines

Tailor-made Customer Support



Dema SAAS

Stack Assembly Advice Service



Dema SSP

Stacks Sampling Production



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**Do you have a process
to automatize?**

Contact us!

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