

***ELECTRIC MOTORS:
Innovation, efficiency,
sustainability***



Rpm S.p.A.
motori elettrici



The origins



Ettore Riello

It all started with **Ettore Riello**. Born in 1868, he emigrated to Brazil in his early twenties and returned to Italy in 1922 to found his own manufacturing company, the **Officine Fratelli Riello**. In 1923 he developed his first oil burner, dreaming about to entry into the temperature control sector, which occurred in 1961 when his nephew, Giordano Riello, produced his first air conditioner creating the Aermec brand.



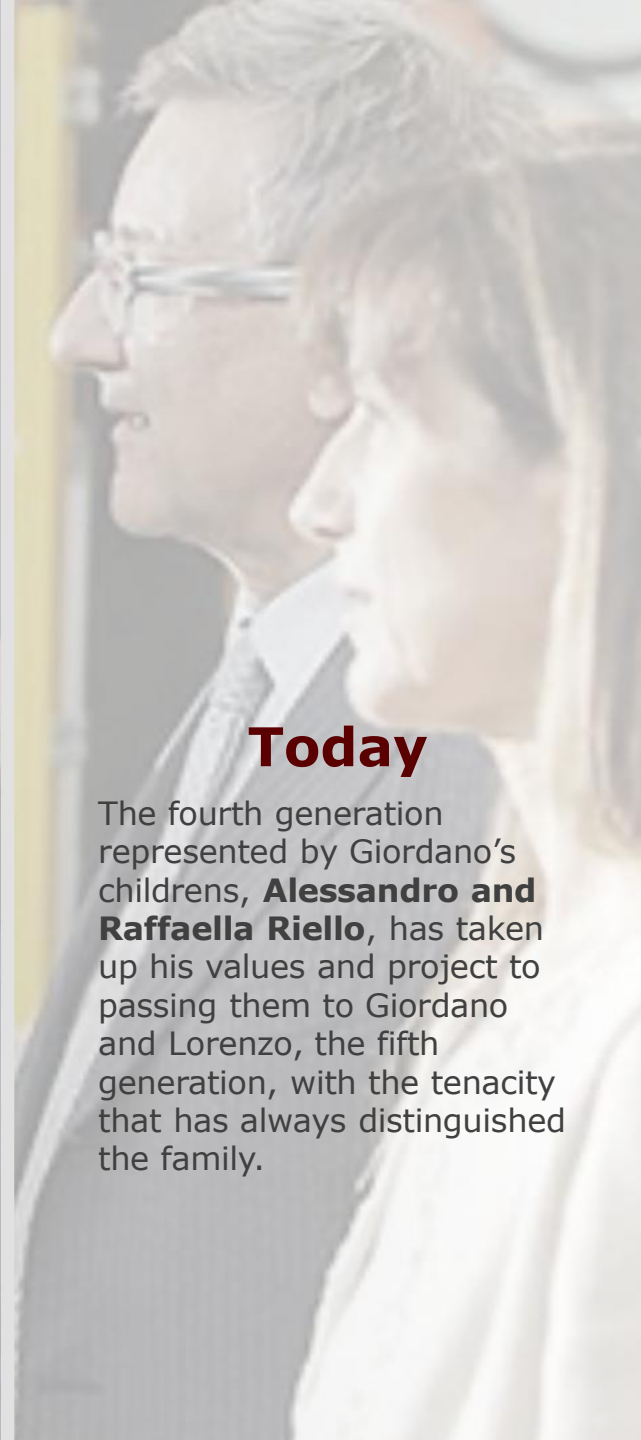
Raffaello Riello

Second son of Ettore Riello and father of Giordano, **Raffaello was an artist** in a family of mechanics. He contributed with his own work to the birth of the great heating company OFR (Officine Fratelli Riello), maintaining the family balance and smoothing out the rough edges of the mechanics.



Giordano Riello

Nephew of **Ettore Riello**, thanks to his father Raffaello and his uncle Pilade he produced his first air conditioner in 1961, starting the **Aermec brand**, one of the first air conditioner manufacturers at European level. In 1992 he founded the **Giordano Riello International Group**, which also includes *Fast, Nplus, RPM Motori Elettrici* and *Sierra*.



Today

The fourth generation represented by Giordano's childrens, **Alessandro and Raffaella Riello**, has taken up his values and project to passing them to Giordano and Lorenzo, the fifth generation, with the tenacity that has always distinguished the family.

The Group





8
**production
companies**

589M €
**Group
sales**

**More than
1800
contributors**



Bevilacqua (VR)

Montagnana (PD)

Isola della Scala (VR)

Badia Polesine (RO)

Salgotarjan (Ungheria)

Badia Polesine (RO)

Badia Polesine (RO)

Rovereto (TN)

**Idronico
DX
AHU
Recupero di calore**

**Trattamento dell'aria
Recuperatori di calore
Rooftop**

**Scambiatore
di calore**

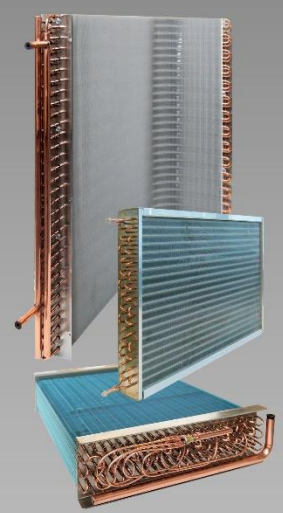
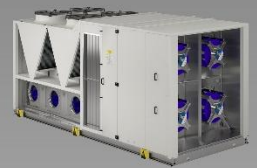
**Motori elettrici
Motori inverter**

**Motori elettrici
Motori inverter**

**Ventilatori elettrici
per aria condizionata**

**Apparecchiature
di prova
Servizi
di misurazione**

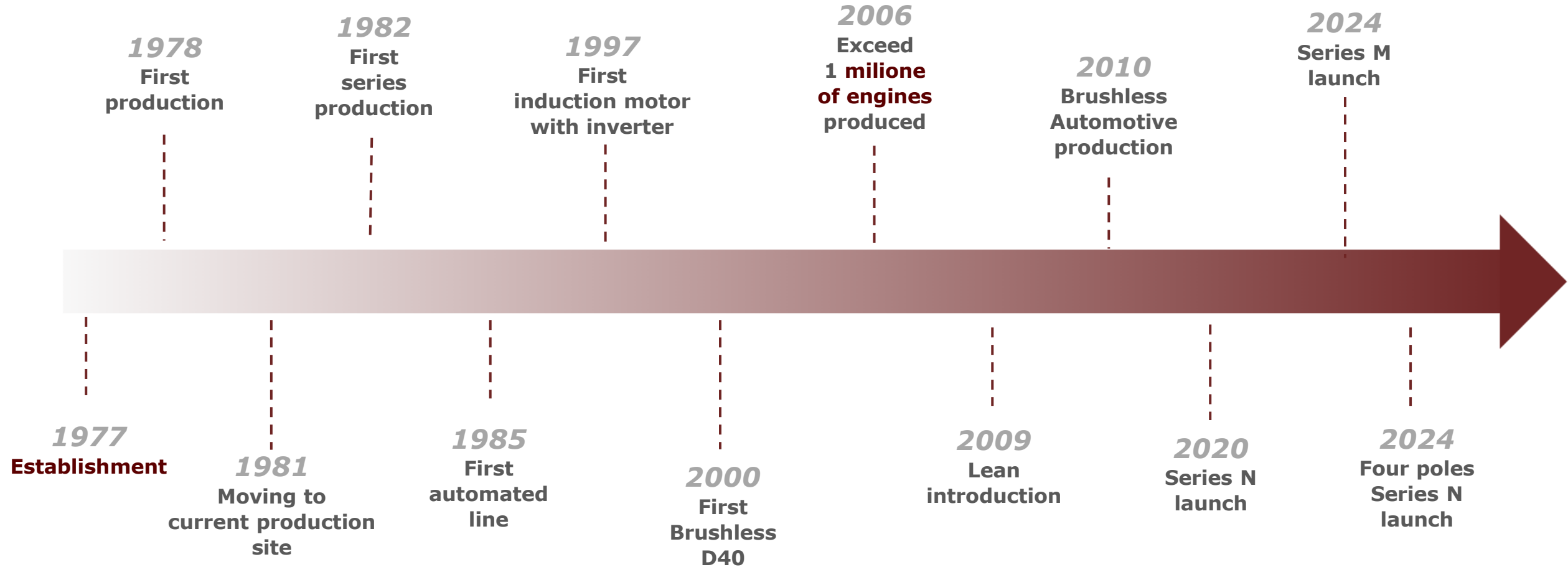
**Monitoraggio
dello stato di salute
strutturale
Schede elettroniche
Illuminazione
da crociera**



Rpm motori elettrici



MOVING YOUR IDEAS SINCE...



VISION

Pursue *technological excellence* by offering increasingly innovative solutions and continuously improving every qualitative aspect.

MISSION

Contribute to *improve the quality of life*, focusing every effort on innovation and attention to customer needs.

VALUES

People are the source of our strength. They are the main resource and our company has *social responsibility* among its fundamental points of reference.

50

M



+20%

2018-2023



**NEW PRODUCTION
SITE**

2800



m²

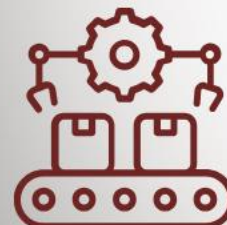
250

CONTRIBUTORS



4

**AUTOMATIC
WAREHOUSES**



**15 contributors
8 brake benches
2 ventilation pipes
up to 27.000 m²
Climate chamber
Phonometric tests
Glow wire test**



MAIN PRODUCTS

**Brushless
with inverter
automotive**



**Asynchronous
with internal
rotor**



**Synchronous with
internal rotor
brushless with inverter**



**Synchronous with
external rotor
rotore esterno**



**Asynchronous
with external rotor**



500

1000

1500

2000

kW

MAIN PRODUCTS

Asynchronous motor with internal rotor

Rotore interno		W_out (monofase)			W_out [tri-fase]		
Tipo	Φ_{stat} [mm]	2	4	6	2	4	6
"N"	80	100	100				
"C"	90	180	250	165	300	300	200
"D"	110		400	265		500	320
"A"	124		550	373		750	500
"E"	125	1000	750	500	1000	1050	700
"B"	150		1500	1000		2200	1500

Synchronous motor (Brushless internal rotor)

internal rotor			
type	Φ_{stat} [mm]	Tmax [Nm]	Wout_max @ 1500 rpm
"W0F"	90	1,0	150
"110M"	124	6,5	1000
"110B"	124	10,0	1500

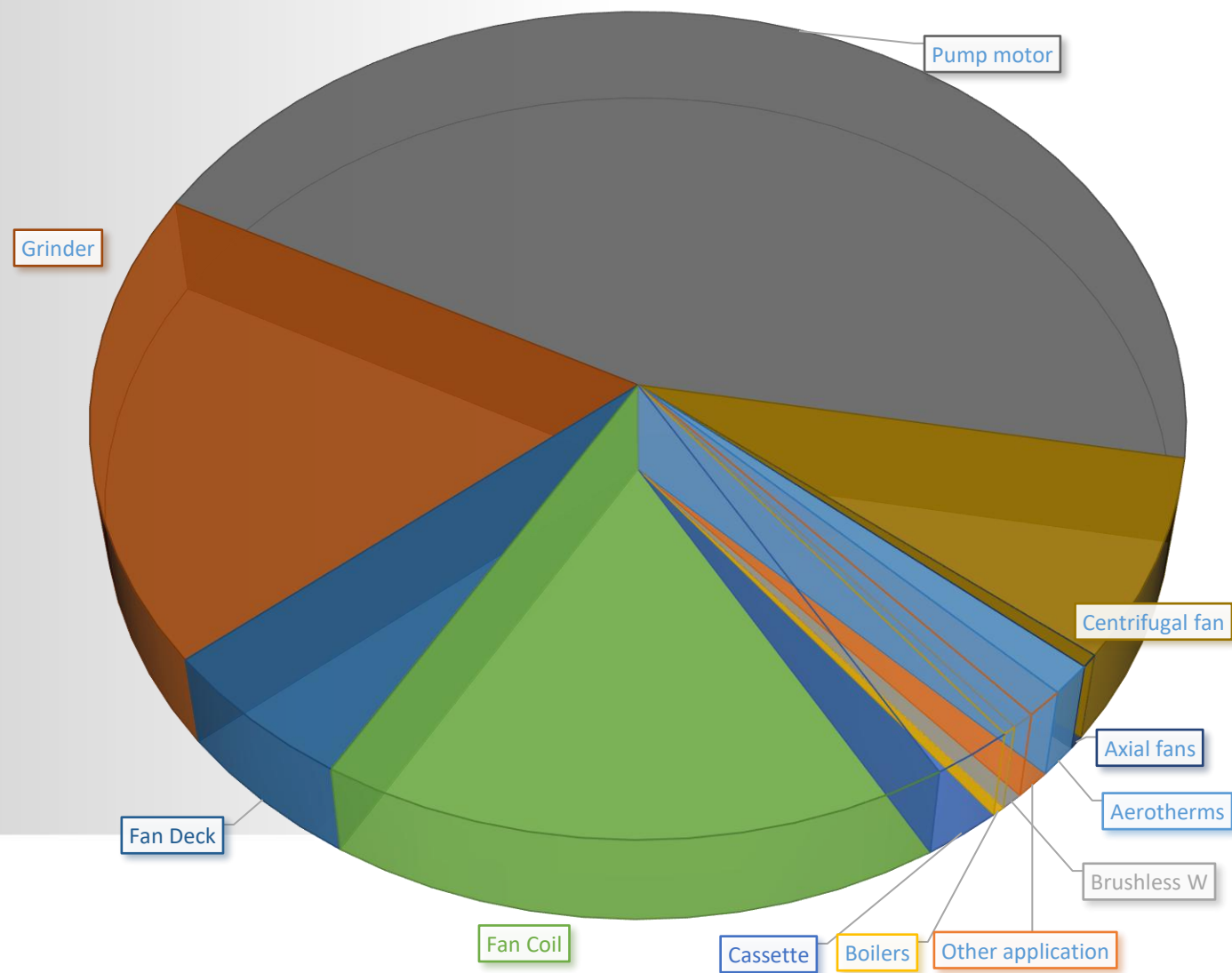
Asynchronous motor with external rotor

Rotore esterno		W_out (monofase)			W_out [tri-fase]		
tipo	Φ_{stat} [mm]	2	4	6	2	4	6
"X"	92	120	120	80		120	80
"P"	115		420			420	

Synchronous motor (Brushless external rotor)

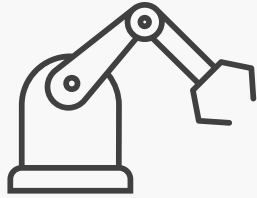
Rotore esterno			
Tipo	Φ_{stat} [mm]	Tmax [Nm]	Wout_max @ 1500 rpm
"X"	92	1,5	220
"PB"	115	5,0	750

FIELDS OF APPLICATION

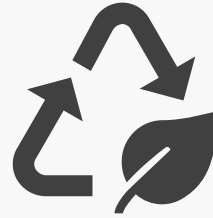




**5% yearly
reinvested in
development**



**Renovated
production
technology**



**Electricity
production from
renewable
source**



**High
efficiency
motors based
on std
1781/2019**

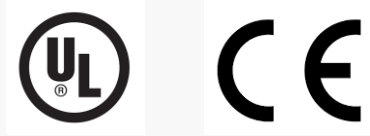
***Technological
innovation***



**No free pass on
components**



**Certified
according
to std. ISO**



**Availability to joint
development of any
certification**



**100% of motors
functionally
tested**

***Quality and
certifications***

OUR CLIENTS:

AERMEC



Fluid-o-Tech®
POWER THE FLOW

HEMRO



SIMONELLI | GROUP



 RANCILIO GROUP



la marzocco



***“ Courage is my father,
but luck is my mother. ”***

Giordano Riello