



*Non abbiate paura
di avere coraggio!*

*Don't be afraid
to be courageous!*

Davide Maternini





BUILDING ABRASIVE MACHINES



ENGINEERING



WORKSHOP



SERVICES

BUILDING ABRASIVE MACHINES



The History

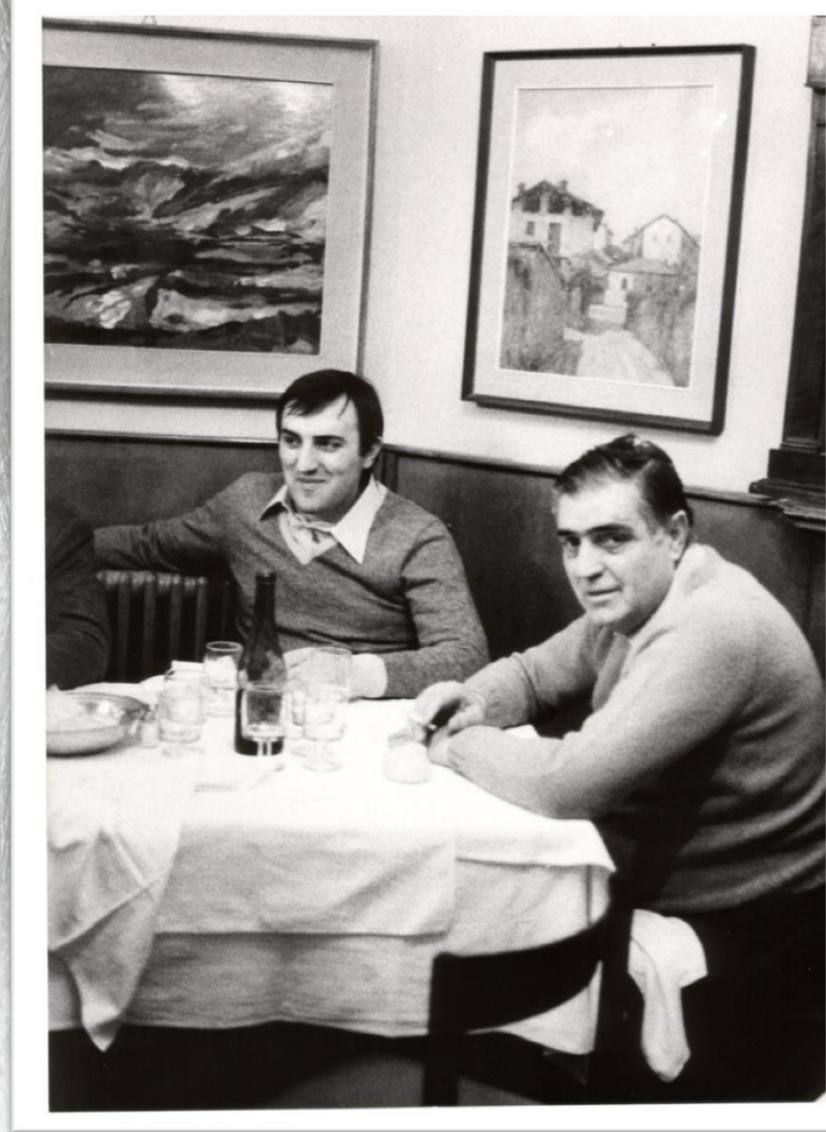




The History



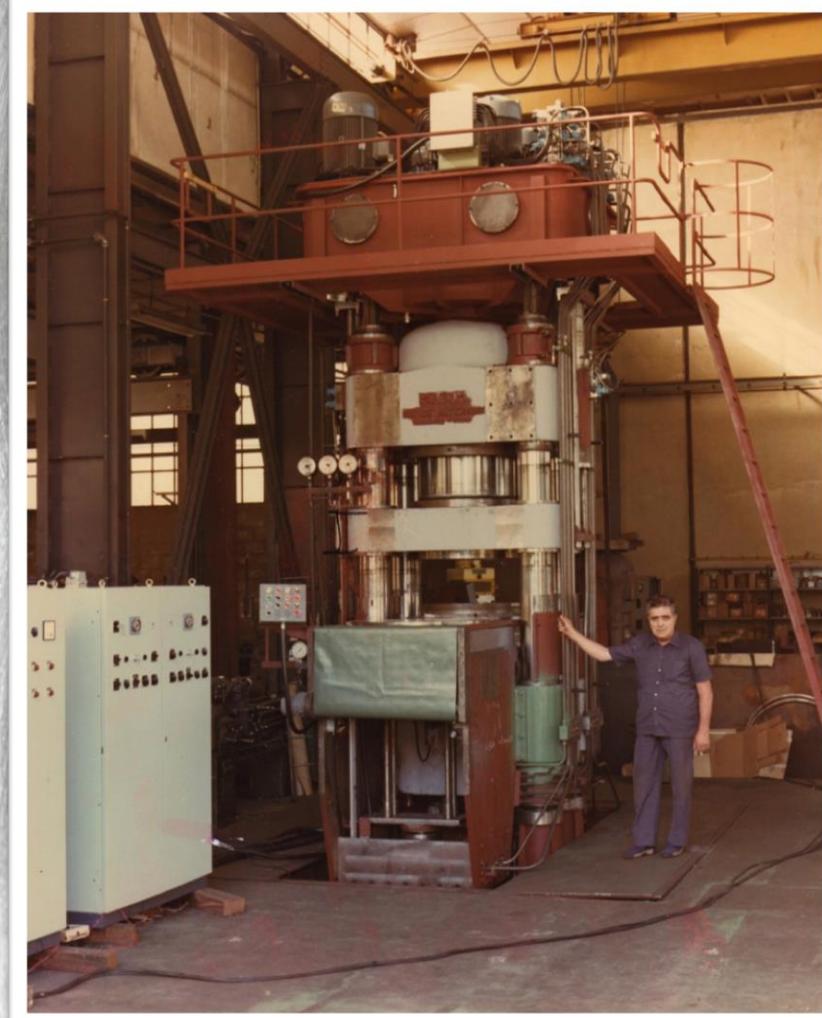
The History



The History



The History



The History



The History



The History



The History

The Development



1947 (foundation):

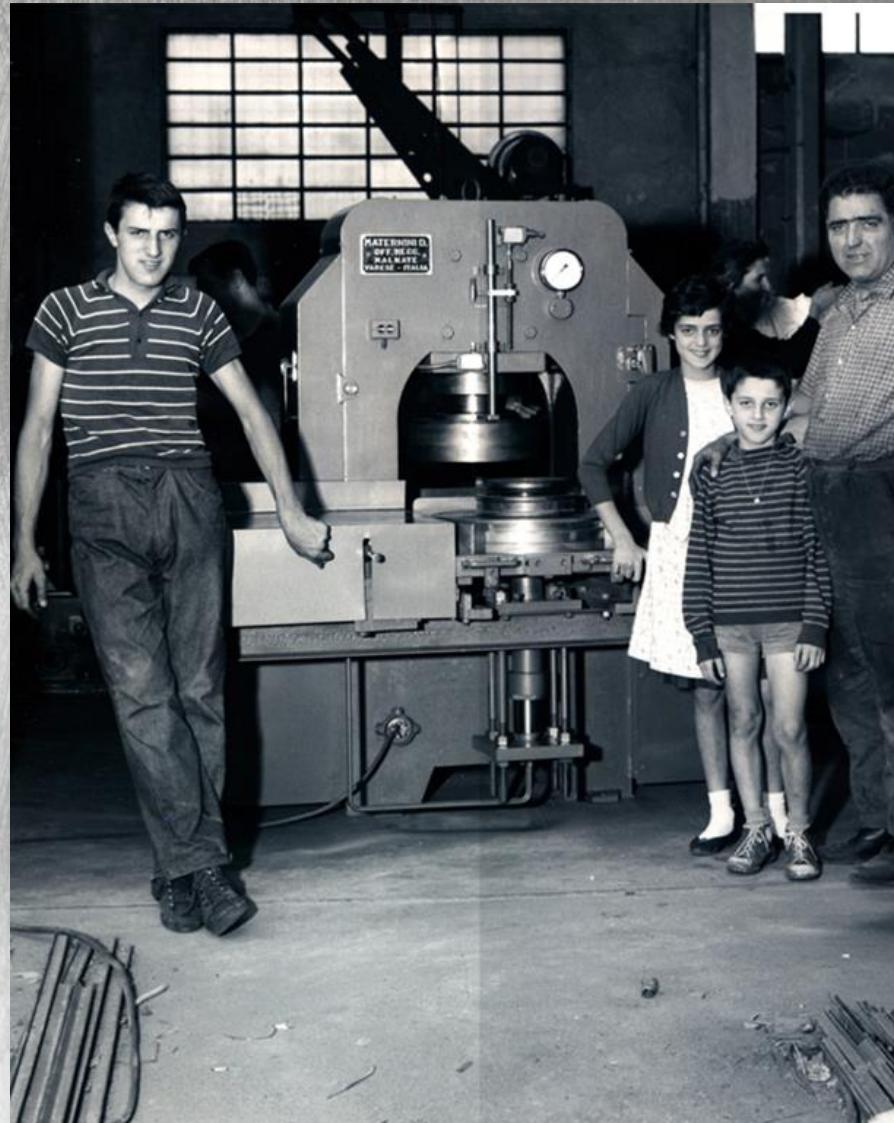
Pioneeristic start.

Development of the production
of traditional machines
with rotary tables, mixer bowls
and toolings

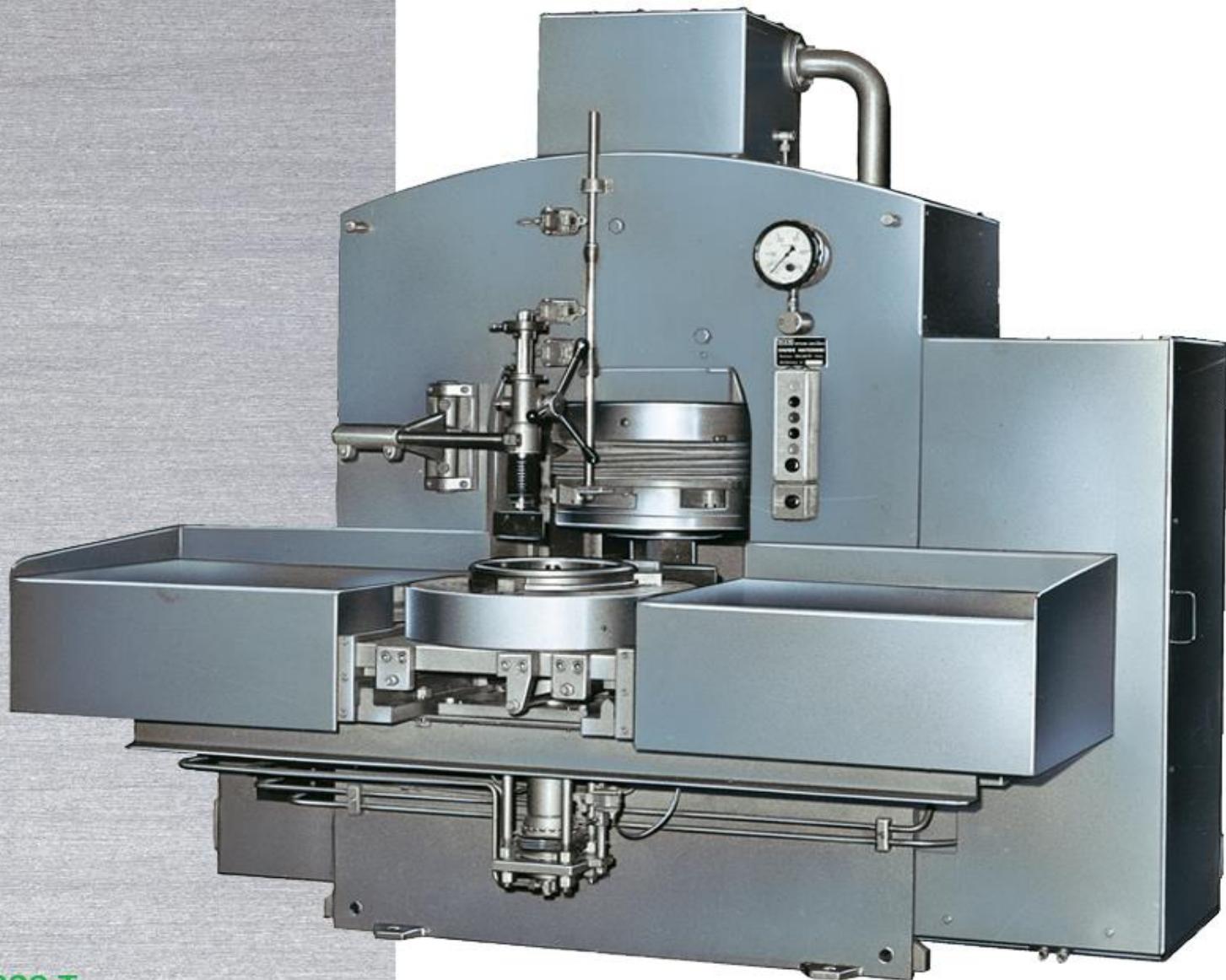


The Development

From 1960 to 1968
The machine leader
is MDM 410 with rotating molds.

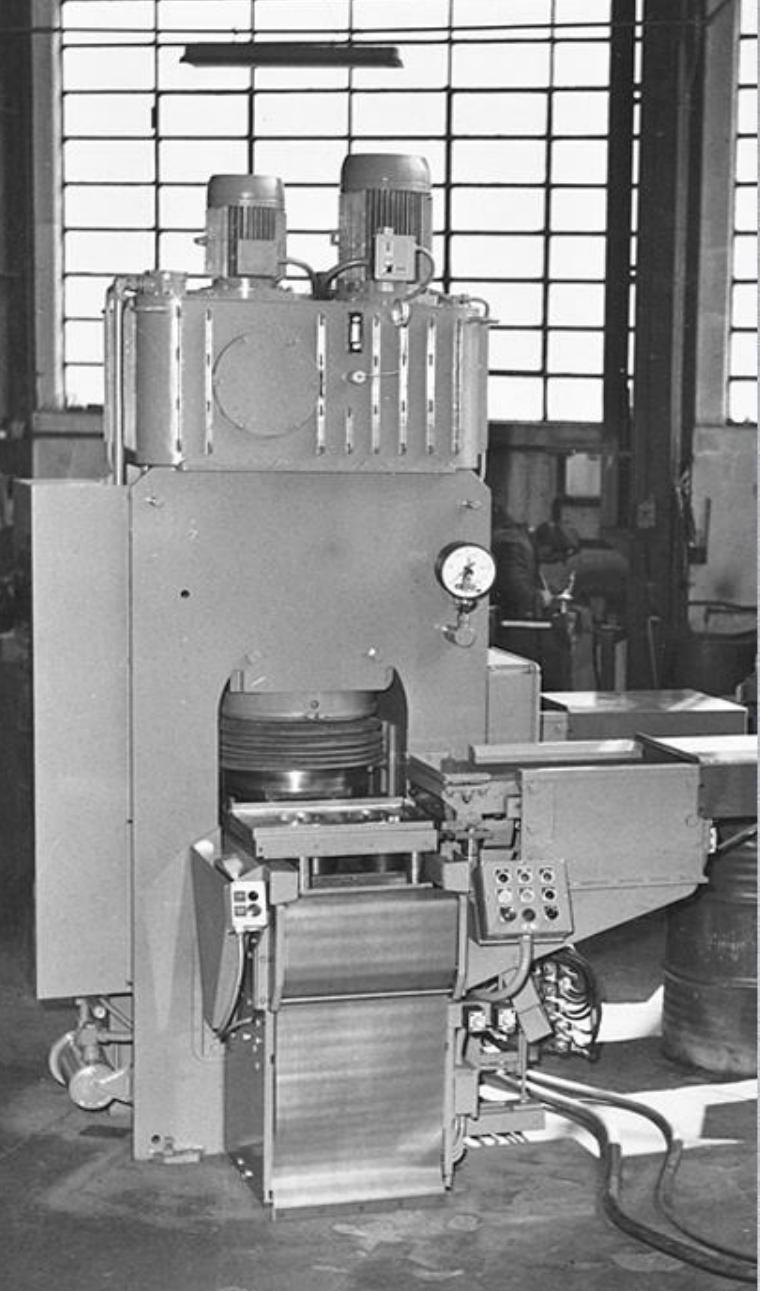


The Development



MDM 410 - 330 T

The Development



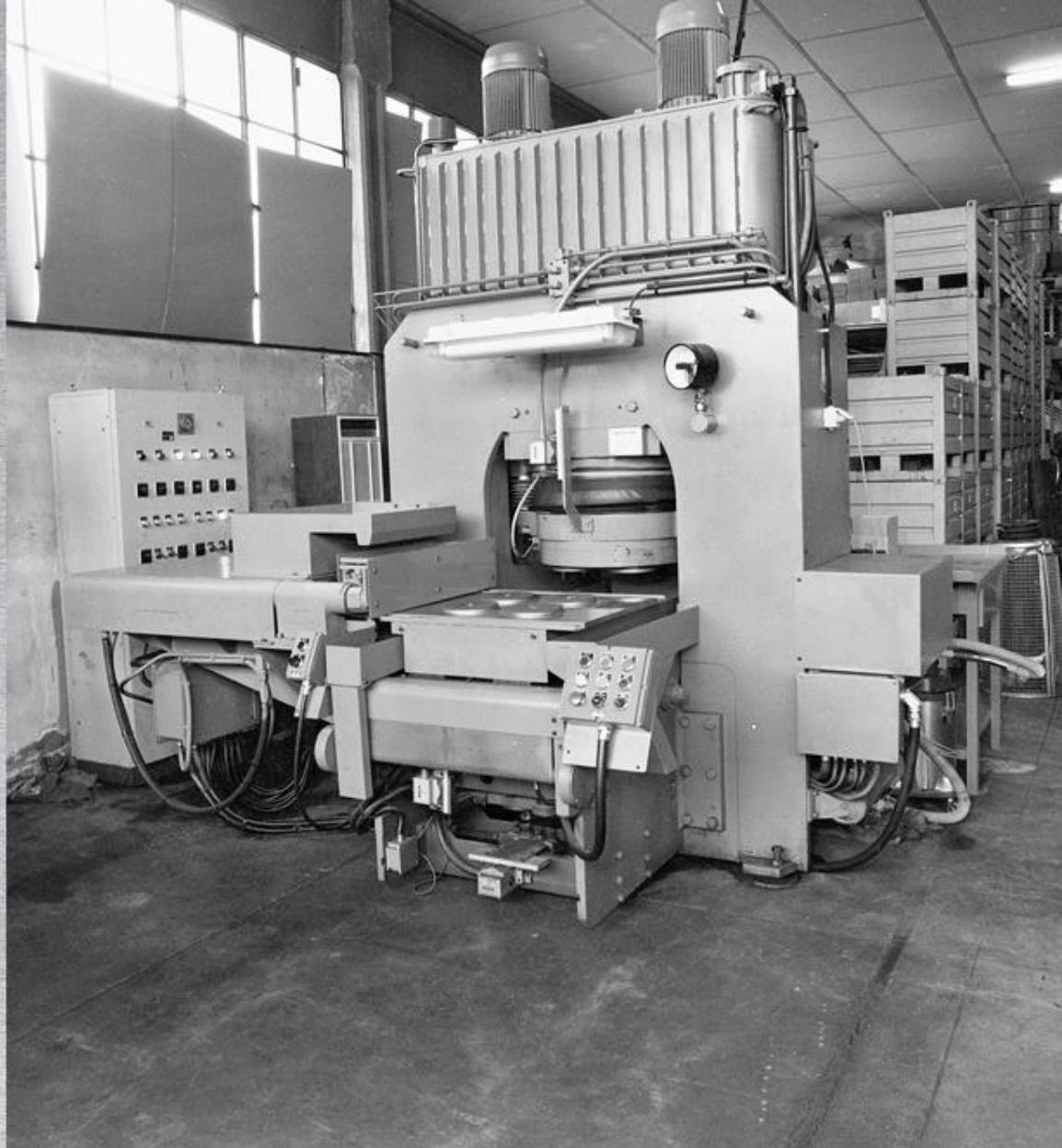
From '70:

Introduction of first machines
equipped with volumetric shuttle
box and 2 working stations

MDM 300 - L - 4S
175 Ton

The Development

MDM 420 - L - 4S
350 Ton

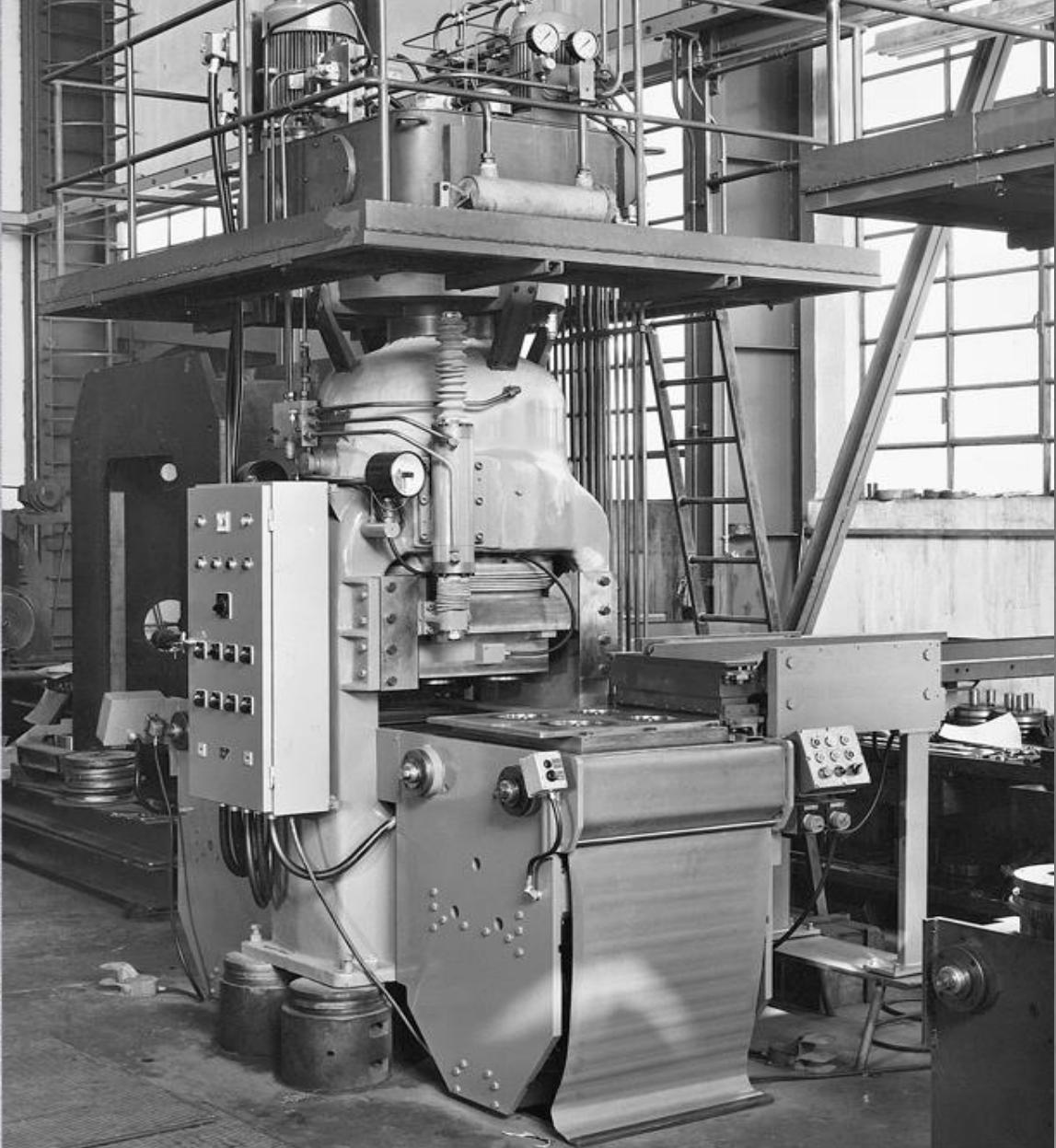


The Development

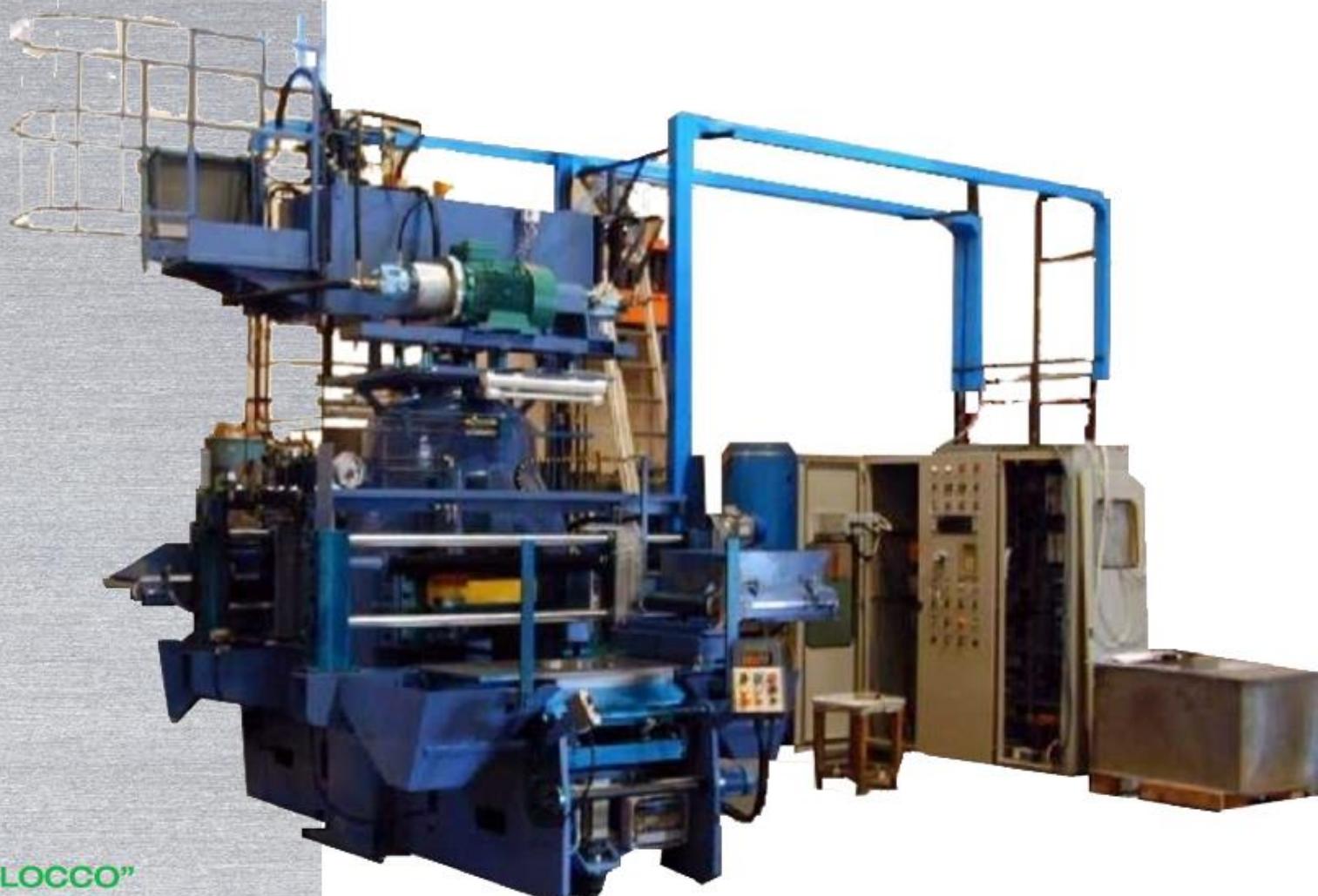
Between 1975-1985:

Great increase of the international market, mainly with Germany.

The leader machine
is MDM 600-M 4S-700 T
“MONOBLOCCO”



The Development



MDM 600 - M
700 Ton "MONOBLOCCO"

The Development

1983:

First prototype of automated machines,
first project of "IN-LINE" machine



LAP 12
350 Ton - 4X15

The Development

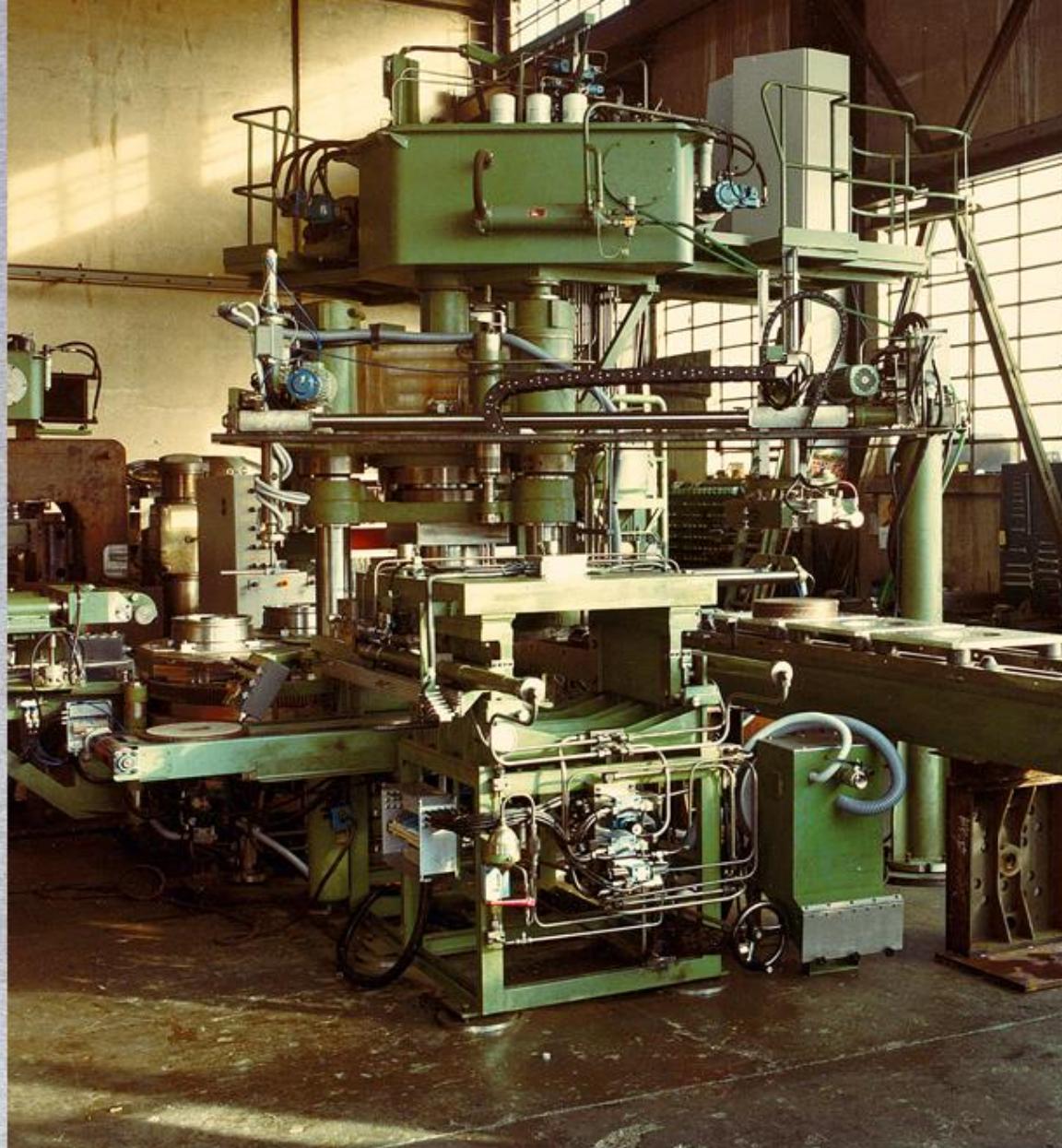


Since 1985:

Development of first automated
loading devices for components,
and following development of:
“IN-LINE” presses
Rotary press machines

The Development

MDM 600 - 3R R5
700 Ton



The Development

MDM 400 - R12
6x115



The Development

2000:

Production of a 5000 T press machine
for Saint Gobain Milan, the biggest
ever manufactured

MDM 1400 - 4C
5000 Ton



The Development



**SINCE 2007:
ROBOTIC AUTOMATIONS**

SIGNIFICANT INCREASE IN USING OF ROBOTIC UNITS FOR THE LOADING OF COMPONENTS INTO THE WORKING CYCLE. MAINLY FOR THE HANDLING OF BUSHINGS, FIBER-GLASS AND STACKING SYSTEMS.



The Development

Electric Press !

2010:
**FULLY AUTOMATIC
MACHINE, COMPLETELY
DRIVEN IN EACH
MOVEMENT BY ONLY A
BRUSHLESS MOTOR.
TEN WORKING STATIONS
FOR A HIGH-QUALITY
OUTPUT. ONE CAVITY FOR
SIZES 115/125 MM.**



MDM EL-3C-R10 60T

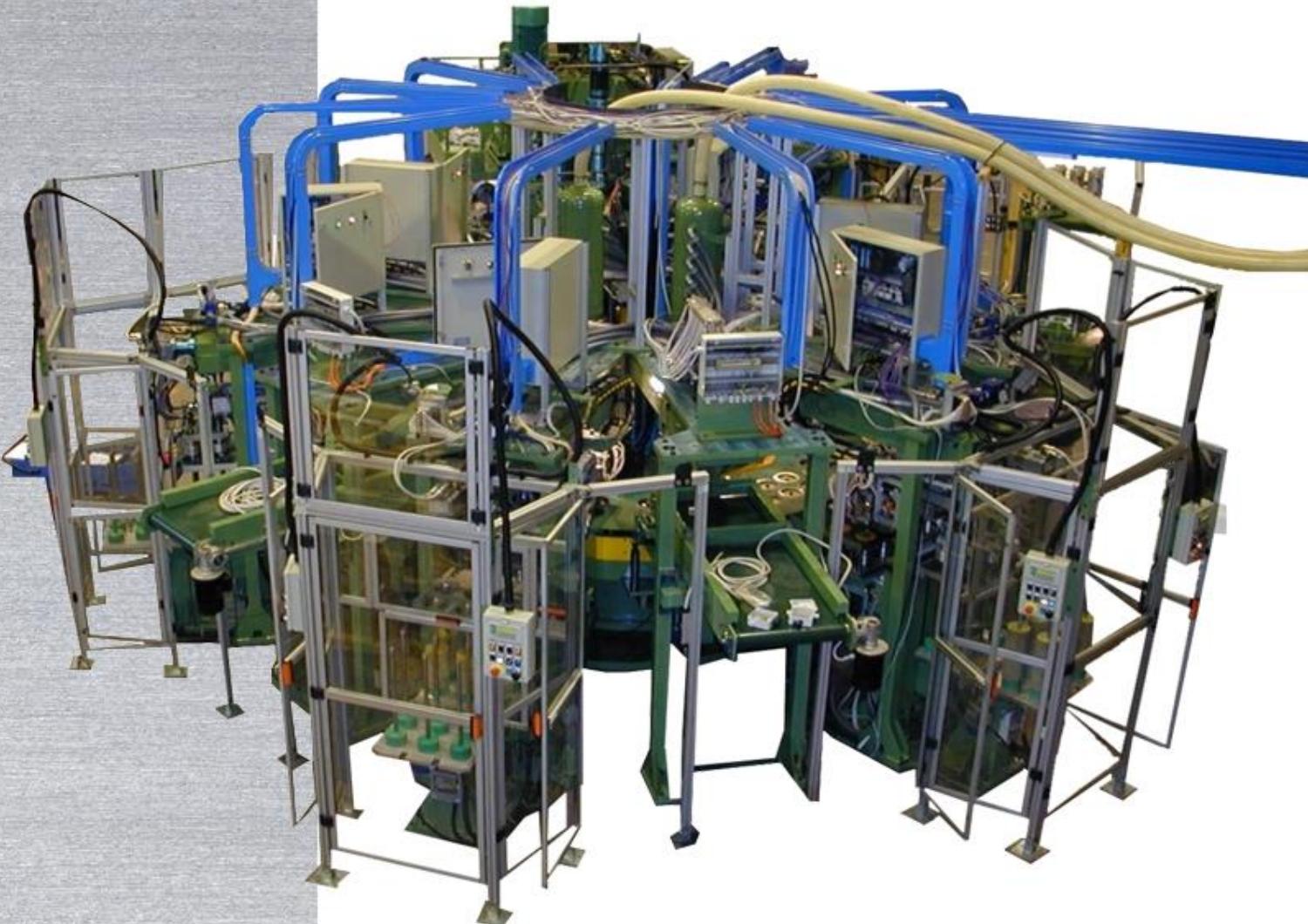
The Development

Today's production



**FULLY AUTOMATED EQUIPMENT
(RESINOID BONDED)**

Rotary presses at 4,5,6,8,10,12 stations
from 100 to 700 Tons



Today's production

**SEMI-AUTOMATED EQUIPMENT
(RESINOID VITRIFIED BONDED)**

Single station presses from 200 to 5000 Tons
Double station presses from 250 to 2000 Tons



**MDM 560 - 4C
700 Ton**

Today's production

**FINISHING MACHINES
(RESINOID & VITRIFIED BONDED)**

ID/OD surfaces finishing up to ø 1275 mm
ID/OD surfaces finishing and shaping up to ø 900 mm



MDM 770 - CN - TN

Today's production

**MIXING SYSTEM
(RESINOID & VITRIFIED BONDED)**

Single & double bowl mixers from 70 to 400 Kg
Automated batching system.



Today's production

**TESTING MACHINES
(RESINOID & VITRIFIED BONDED)**

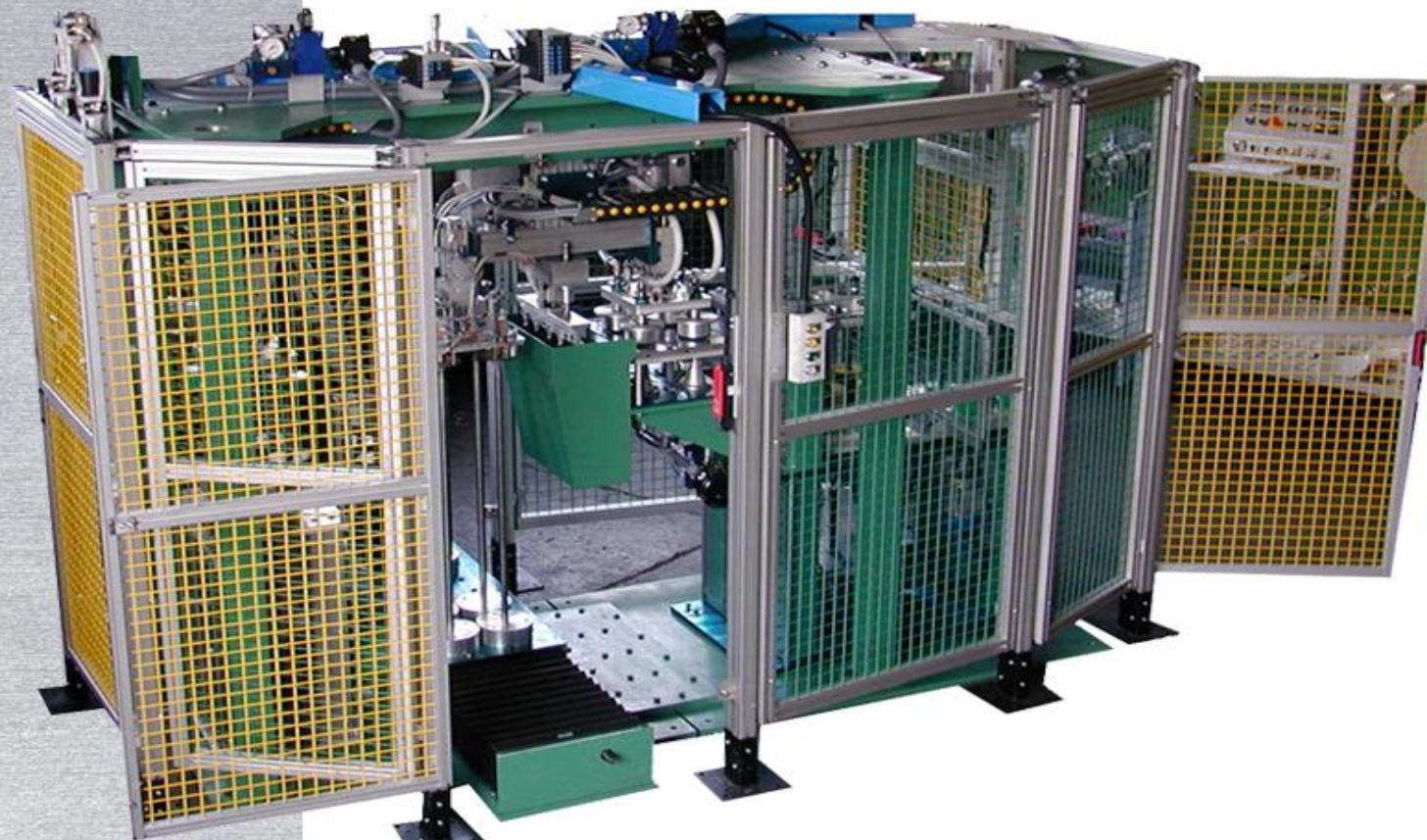
Speed/bursting test machines up to 40.000 RPM
Cutoff wheels testing machines up to ø 450 mm
Grinding wheels testing machines up to ø 230 mm
OSA Norms testing machines
Static balancing machines up to ø 500 mm



Today's production

AUTOMATIONS

Bushing machines
Fiberglass handling units
OD finishing machines
Weighing system
Mix loading units
Insert stamping units
Stacking/Unstacking units

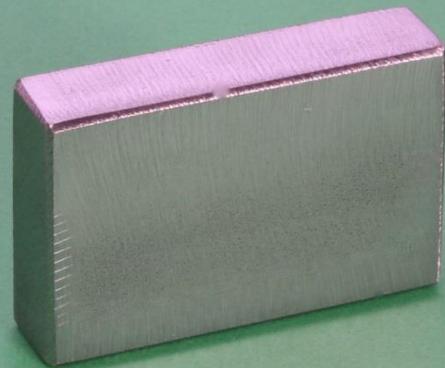


Today's production

The Growth



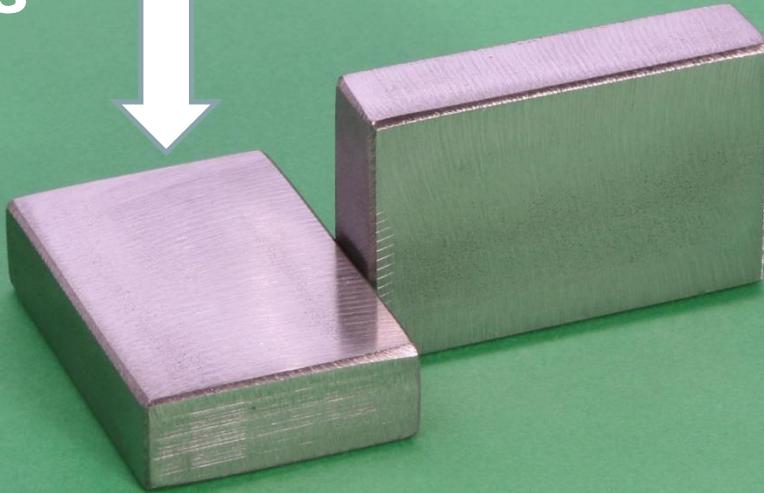
The Birth: Pioneeristic start up



1947

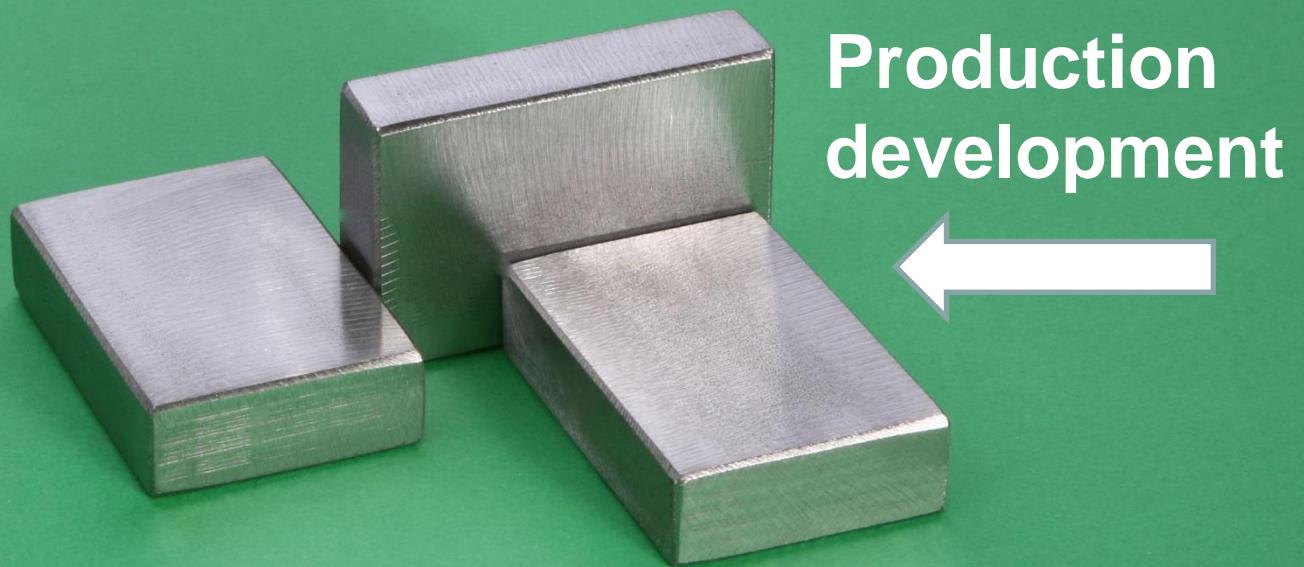
The Growth

**Administrative
and Technical
offices**



1949-1950

The Growth



Production
development



1965-1966

The Growth

New Offices
And Factory



1984

The Growth

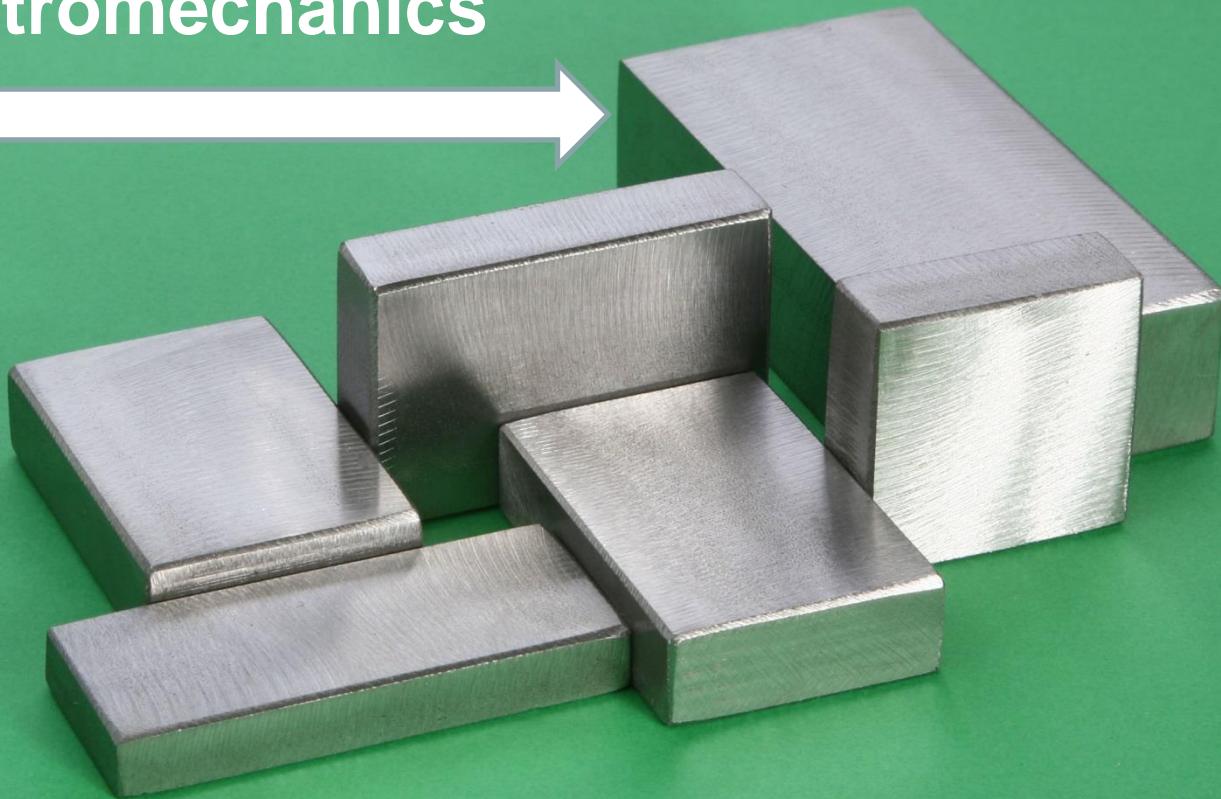
Factory Expansion
(painting and
carpentry shop)



1990

The Growth

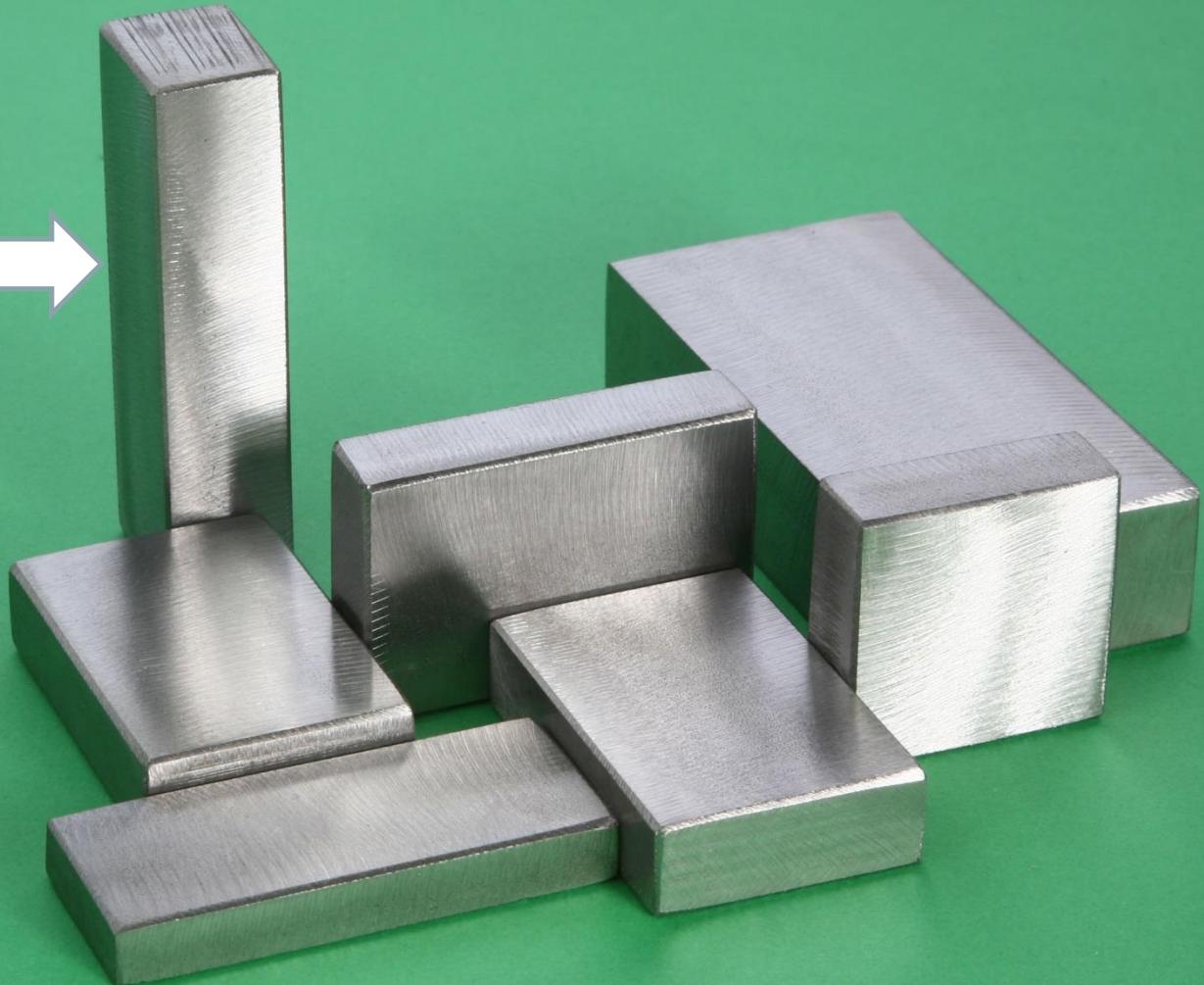
Additional store and Electromechanics



1992

The Growth

New
Technical
Offices



1995-1996

The Growth

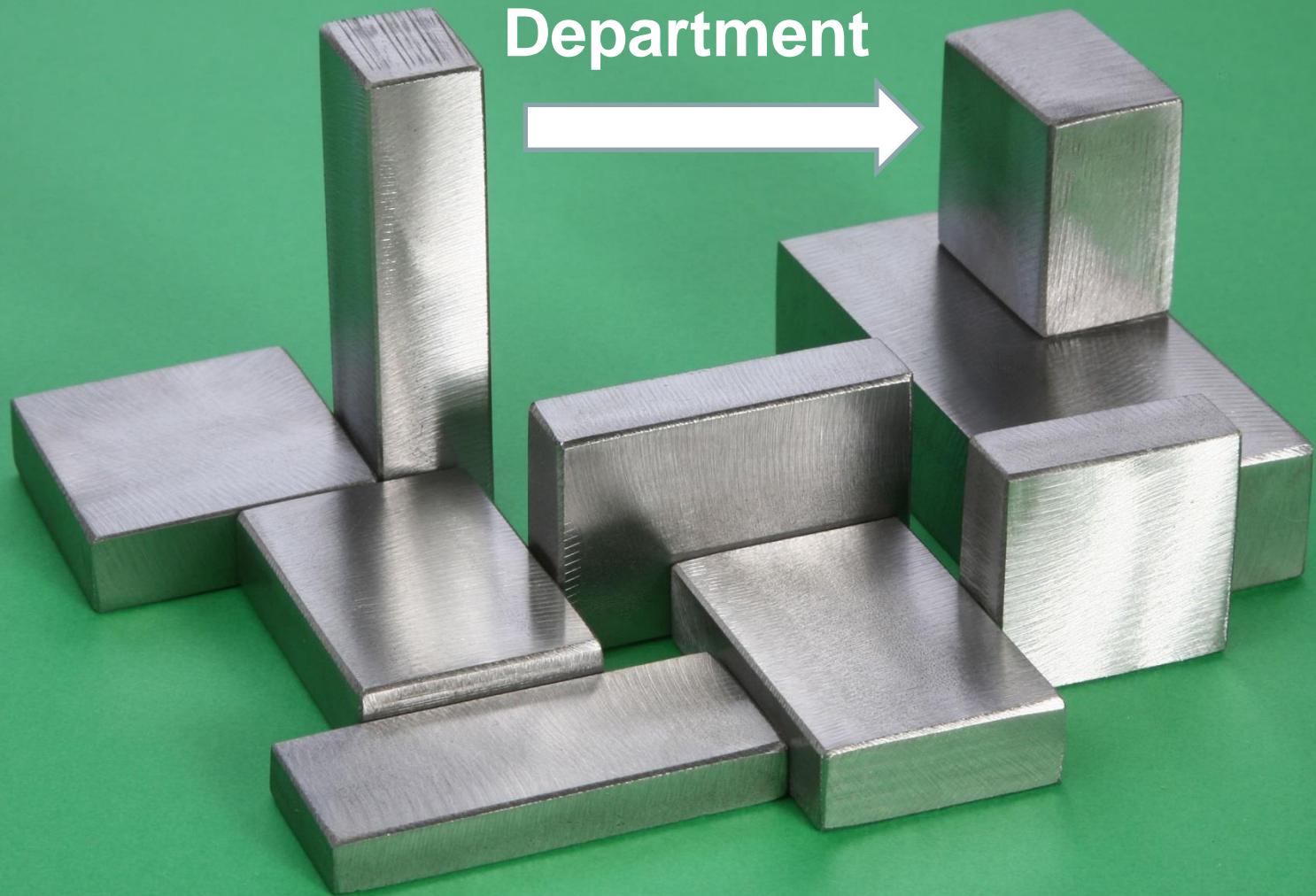
New
Factory
(machines shop)



2004

The Growth

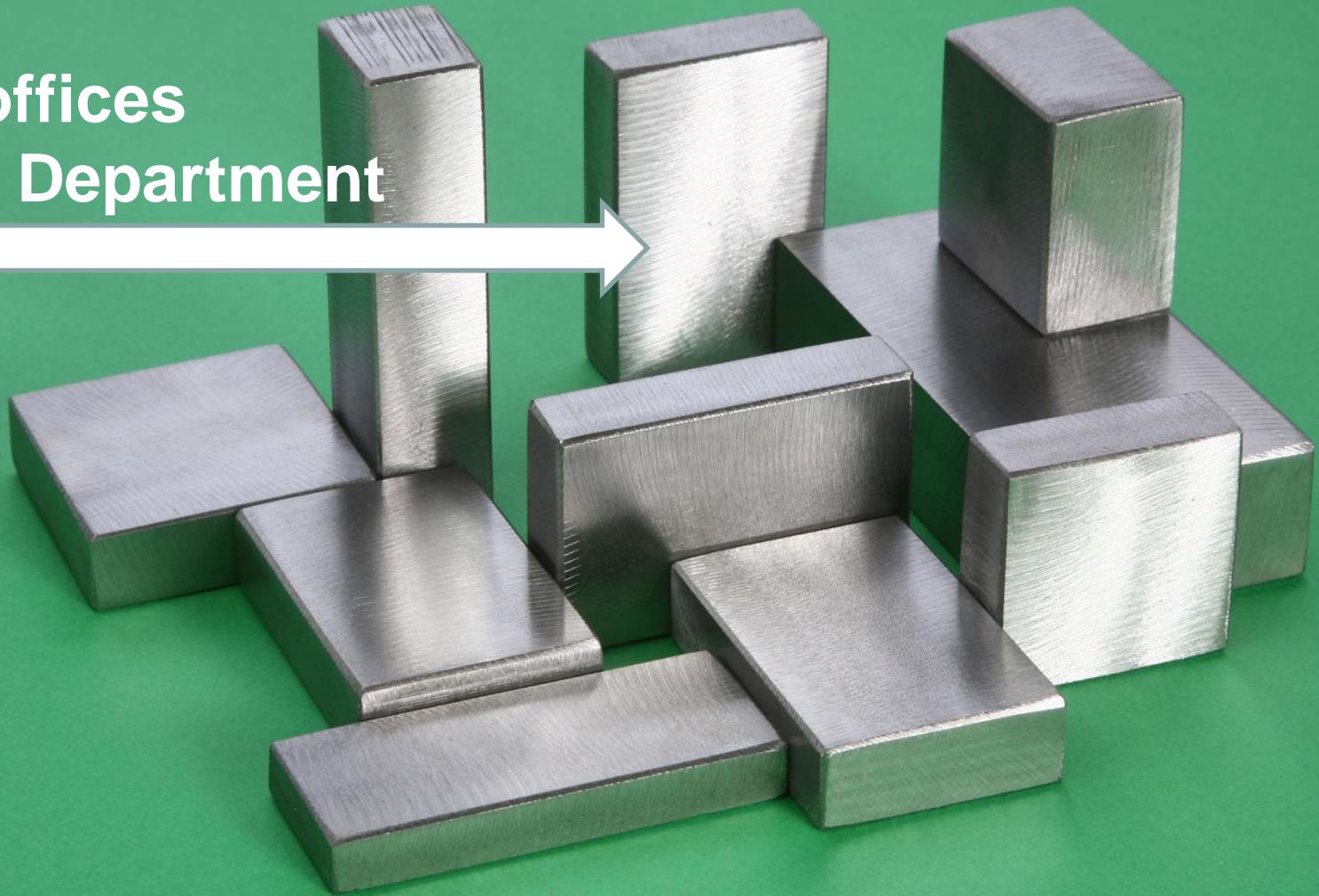
2nd
Assembling
Department



2009

The Growth

New offices
R & D Department



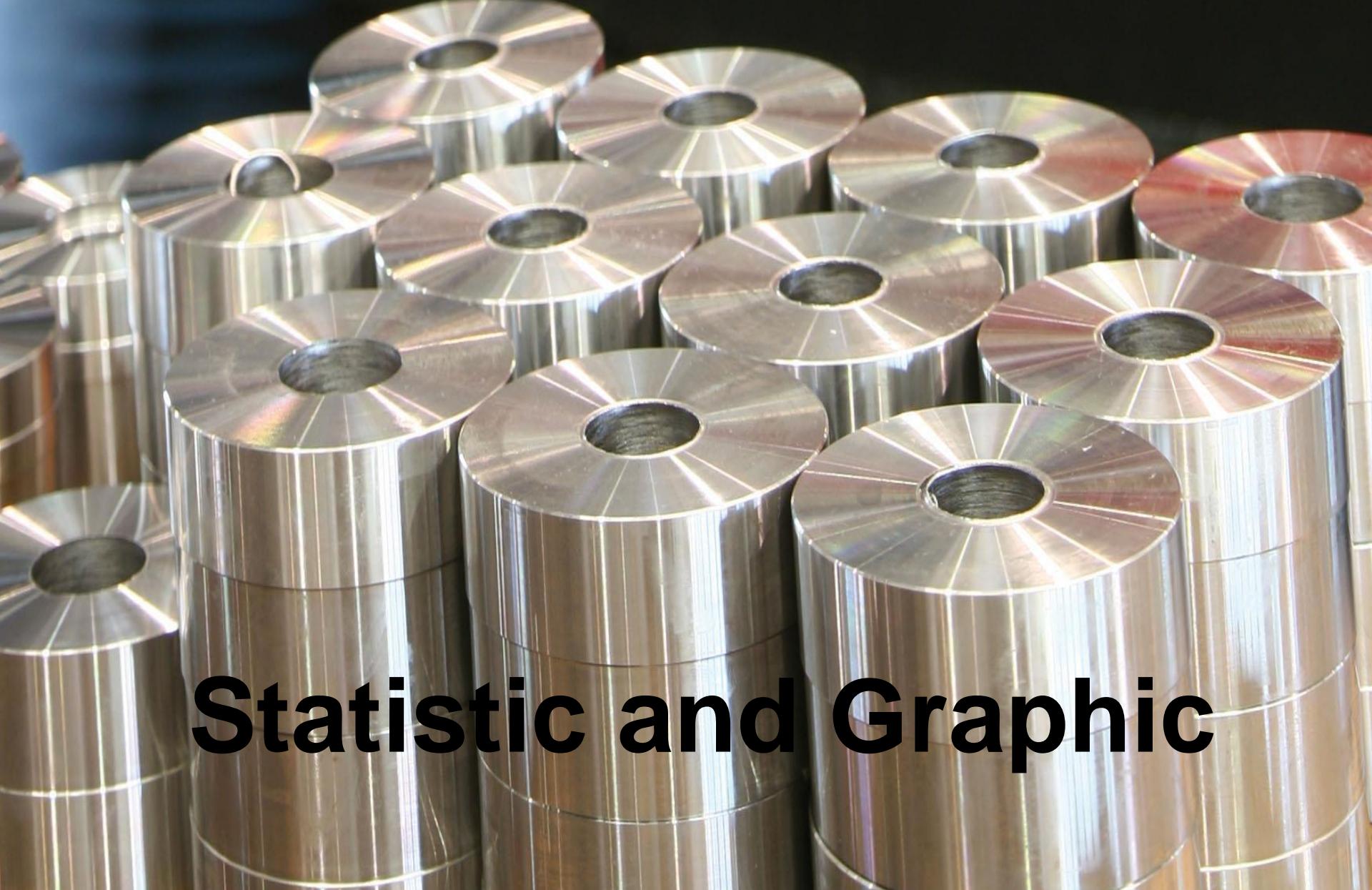
2012

The Growth



Headquarters

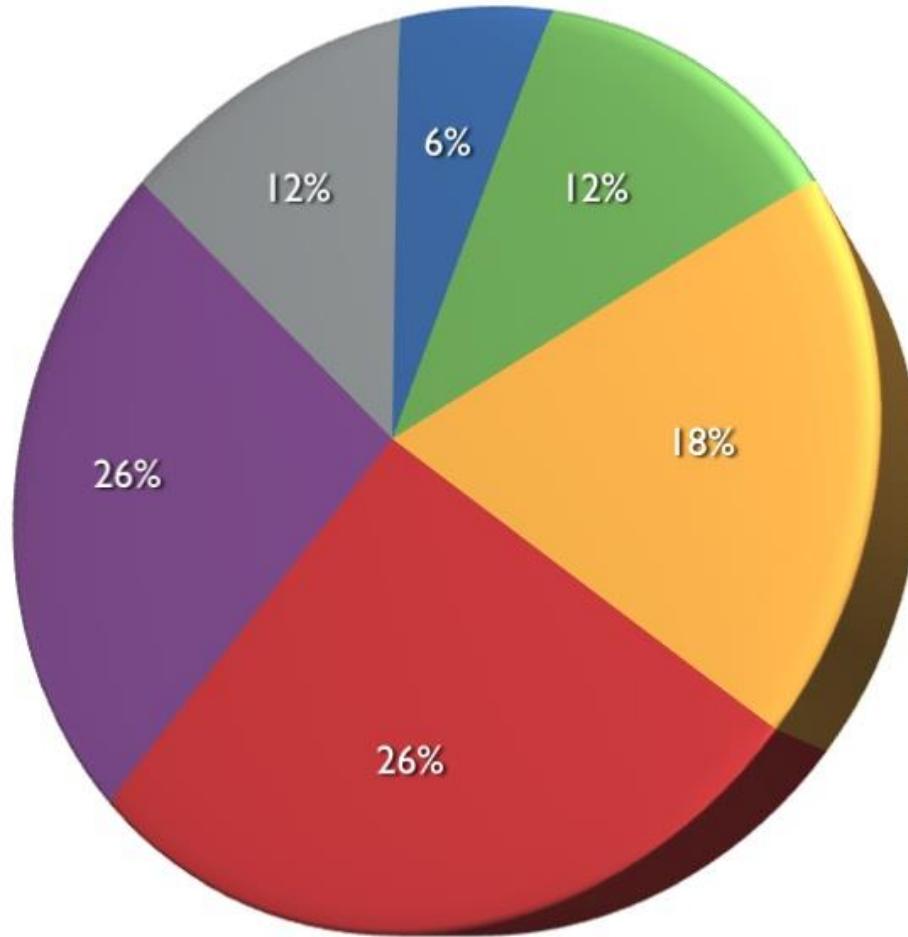
The Growth



Statistic and Graphic



Staff Organization Chart



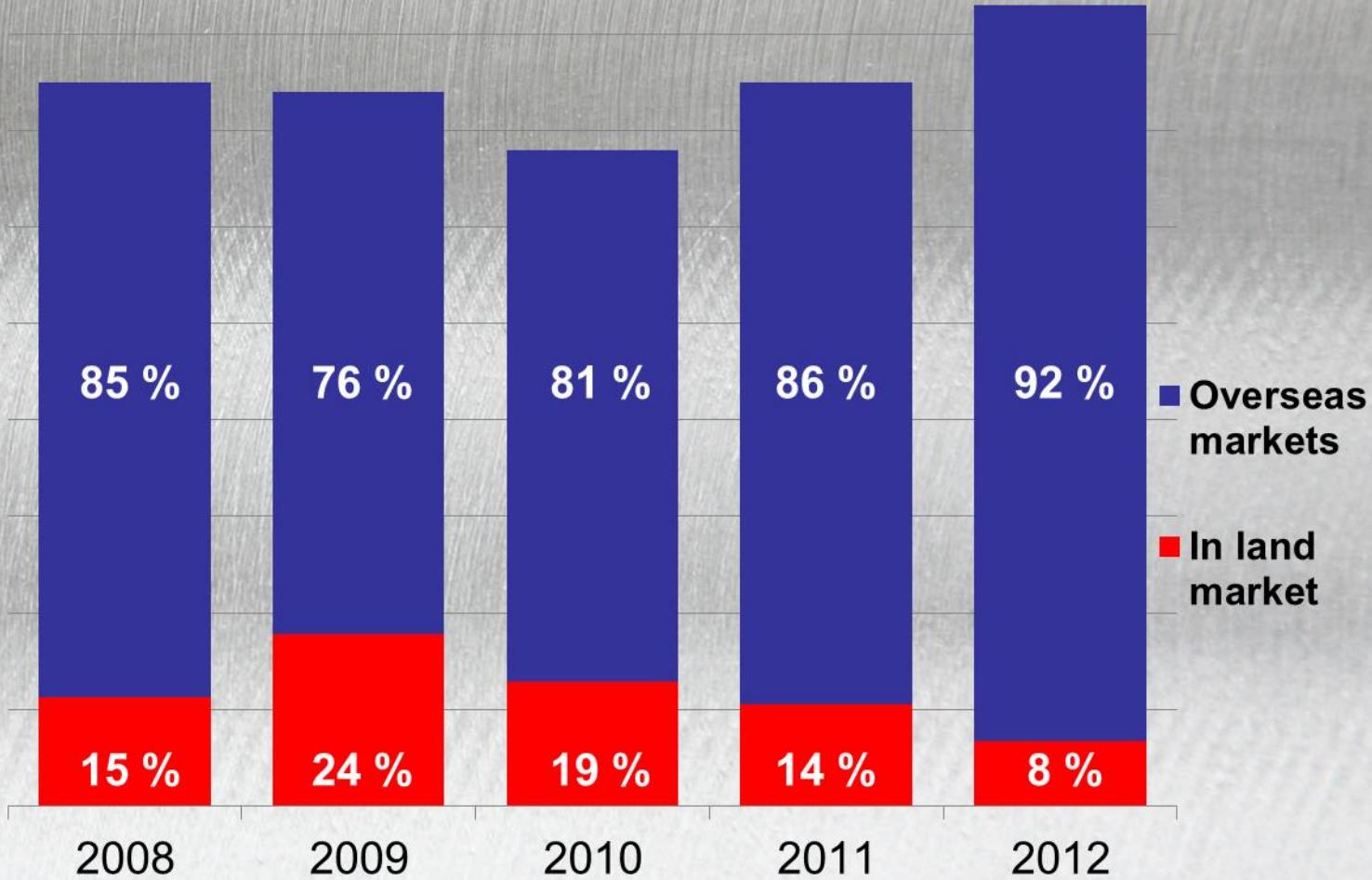
- General Direction
- Technical Departement
- Assembly / Service Departement

- Administration
- Production Departement
- Electrical Departement

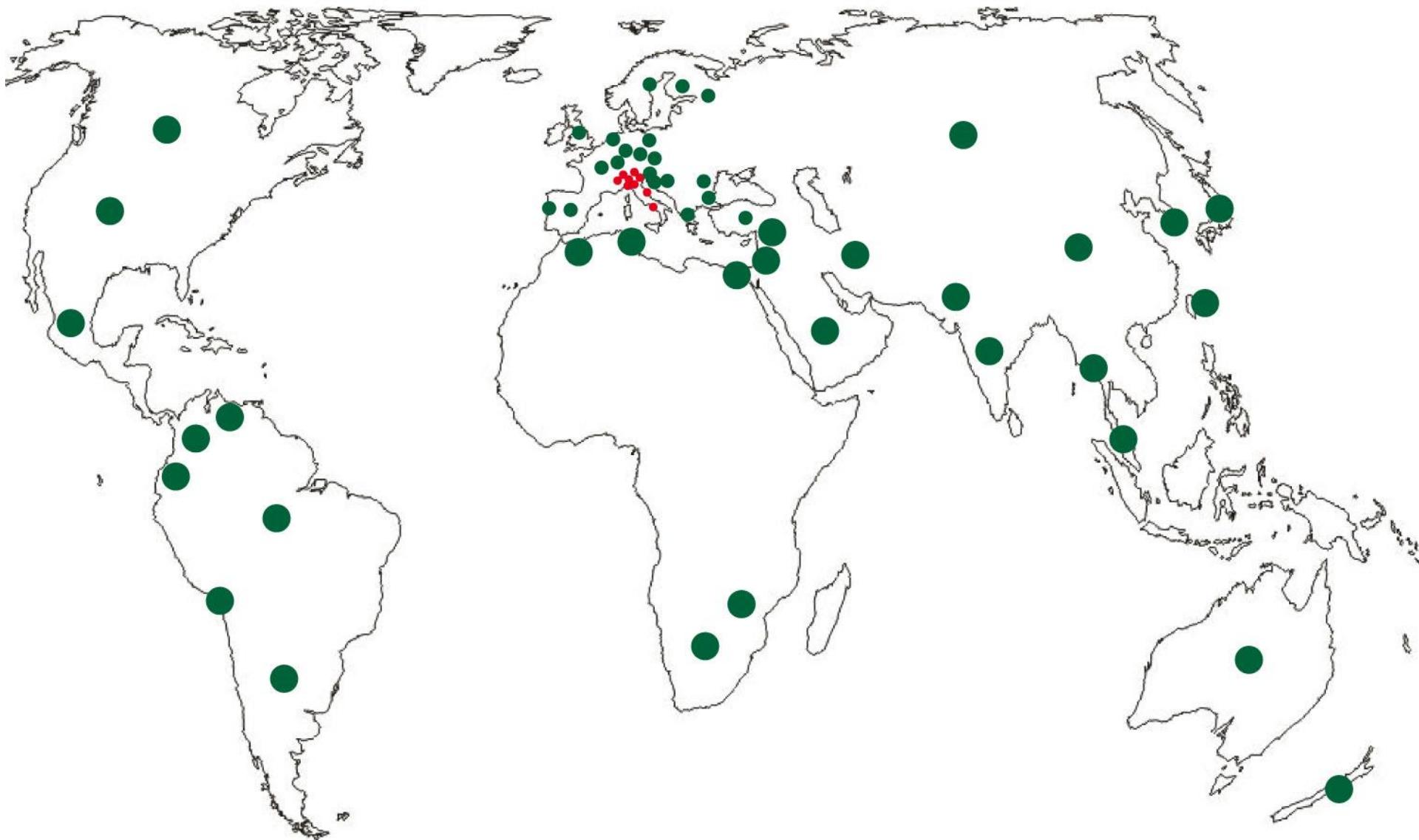
Statistic and Graphic



Turnover



Maternini worldwide customers



Statistic and Graphic

Maternini worldwide customers

(continued)

ARGENTINA	3	HOLLAND	1	SLOVENIJA	3
AUSTRALIA	1	INDIA	2	SOUTH AFRICA	5
AUSTRIA	2	IRAN	1	SOUTH KOREA	5
BRASIL	8	ISRAEL	2	SPAIN	3
BULGARIA	1	ITALY	14	SWEDEN	1
CANADA	3	JAPAN	2	SWITZERLAND	4
CHINA	7	MALAYSIA	2	SYRIA	1
CILE	1	MAROCCO	3	TAIWAN	1
COLOMBIA	1	MEXICO	4	TCHEC REPUBLIC	1
CROATIA	1	NEW ZEALAND	1	THAILAND	2
ECUADOR	1	PAKISTAN	1	TUNISIA	1
EGYPT	3	POLAND	6	TURKEY	7
FINLAND	1	PORTUGAL	3	U.S.A.	16
FRANCE	7	ROMANIA	2	UNGHERIA	1
GERMANY	14	RUSSIAN FEDERATION	7	VENEZUELA	2
GREAT BRITAIN	2	SAUDI ARABIA	2	ZIMBABWE	1
GREECE	2	SERBIA	1		

Statistic and Graphic

**The
Future...
starts
now**

