



Company presentation



Historical Hints

- ❖ **1952** Founded Val on 8th February in Forno Canavese
- ❖ **1963** Start production of bearing components
- ❖ **1988** Grooving of 1800 mq of the plant of Forno Can.
- ❖ **1990** Beginning of cooperation with SKF Group
- ❖ **1991** Start Machining on CNC Technology
- ❖ **2000** Opening of the first plant in Busano Canavese
- ❖ **2004** Spin-off of Canavesana tagli, company specifically dedicated to cutting and machining of tubes and bars
- ❖ **2005** Big increase of service of full supply to our customers
- ❖ **2006** Opening of the second plant in Busano
- ❖ **2009** Joint venture between VAL Michele and the Fomas group. The new company 's name became M4U
- ❖ **2011** Starting of "Automation Project": within 5 years, the 90% of the production processes will be automated.
- ❖ **2014** Development of the first OEM automotive fully automated line for hub wheel bearings (output 1.300.000 pcs/year)



Production Facilities

M4U - FORNO

1 Building
6000mq total (3400mq covered)
AUTOMOTIVE DEPT.

M4U - BUSANO

3 Buildings
11500mq (9500mq covered)
SMALL SIZE DIVISION
MEDIUM SIZE DIVISION
LARGE SIZE DIVISION
CENTRAL WAREHOUSE

CANAVESANA TAGLI

3 Buildings
BUSANO – 4.000mq (1800mq covered) – CUTTING DEPT
SALASSA – 6.800 mq (3800 mq covered) – MACHINING DEPT

Employed

- ❖ Total Employed: 170
- ❖ Direct: 129
- ❖ Production Technicians: 16
- ❖ Technical services: 5
- ❖ Quality: 10
- ❖ Administration: 10



Production run on 3 shifts, in order to satisfy our customers with the maximum flexibility



Production Technology

- Horizontal CNC lathes: n. **48** spindle for turning on a range from diam. 80 mm up to diam. 250 mm
- Vertical CNC lathes: n. **44** spindle for turning from diam. 200 mm up to diam. 1000 mm
- Horizontal CNC workstations: n. **2** lines for a maximum machinable size 800x800x600 mm
- Vertical CNC workstations: n. **7** lines for a maximum machinable size of 800x800x800 mm
- Hydraulic traditional lathes: n. **20** spindles for simple profiles execution to cover a range up to 400 mm



Production Technology

- n. 1 magnetoscopic inspection machine (up to sizes of max 1000x1000 mm)
- n. 2 automated lines for ultrasonic inspection on rings up to diam. of 600 mm
- Hydraulic marking machines: n. 3 machines for “no-stress” marking, including progressive number for full traceability
- Rolling marking machining: n. 4 machines for “no-stress” marking, including progressive number for full traceability with marking depth up to 0,50 mm
- Various marking machine (microdot marking, micromilling marking, data matrix marking) for full traceability items



Supplier Network

- In company Canavesana tagli Srl, owned by our parental company Val Michele & Bernardo Eredi Srl, we should supply:
 - Cutting of tubes and bars up to 700 mm
 - CNC machining directly by tubes and bars up to a diam. 80 mm (n. 12 CNC double spindle lathes, 4 axles, all equipped with motorized tools) with direct bar-feeder up to 4 meter length
- At qualified heat treatment suppliers for final heat treatment after machining we should supply also:
 - full hardening (oil or salt bath), also for very thin parts
 - Vacuum hardening
 - case carburizing
 - induction hardening

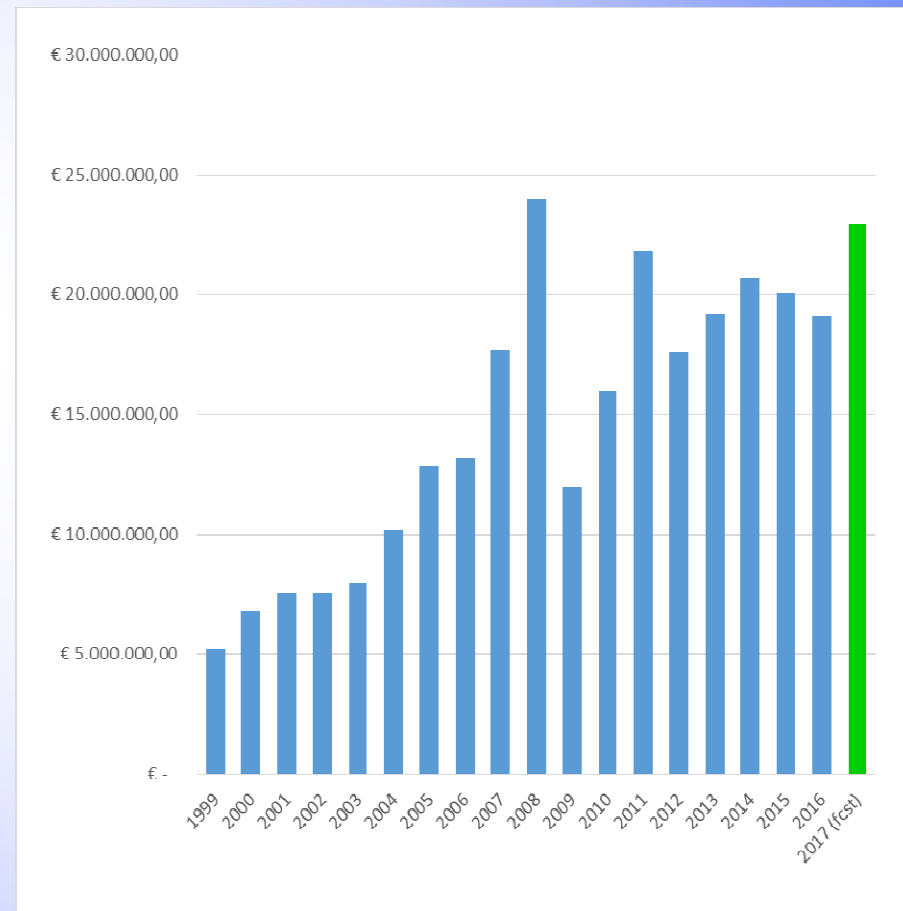


Supplier Network

- At qualified supplier, we can also offer the final surface treatments:
 - zincplating
 - phosphating
 - nitrocarburization

Turnover Trend

❖ 1999	5.200.000 €
❖ 2000	6.800.000 €
❖ 2001	7.500.000 €
❖ 2002	7.500.000 €
❖ 2003	8.000.000 €
❖ 2004	10.200.000 €
❖ 2005	12.800.000 €
❖ 2006	13.200.000 €
❖ 2007	17.700.000 €
❖ 2008	24.000.000 €
❖ 2009	12.000.000 €
❖ 2010	16.000.000 €
❖ 2011	21.800.000 €
❖ 2012	17.600.000 €
❖ 2013	19.200.000 €
❖ 2014	20.700.000 €
❖ 2015	20.100.000 €
❖ 2016	19.100.000 €
❖ 2017 (fcst)	23.000.000 €





Quality Knowledgements

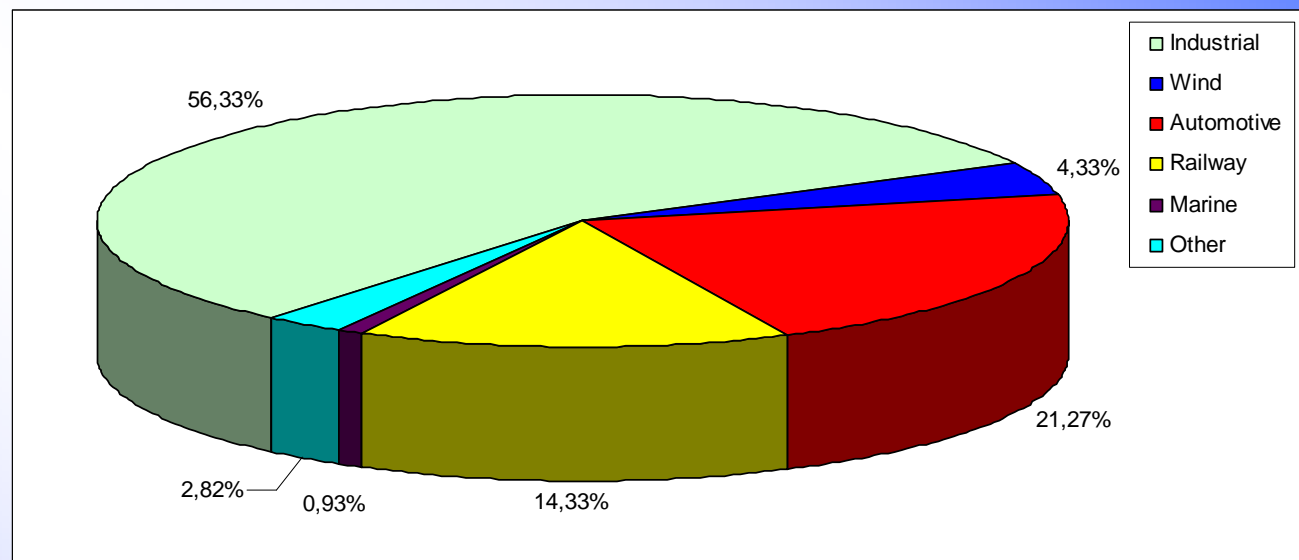
- ✓ 1998: UNI EN ISO 9002 Certification by Det Norske Veritas
- ✓ 1999: QS Automotive Homologation by SKF Group
- ✓ 2001: QS 9000 Certification by Det Norske Veritas
- ✓ 2004: ISO 9001:2000 & ISO TS 16949 Certification by Det Norske Veritas

SKF Italy Award as “Best supplier of the year”
- ✓ 2006: SNR Roulements Award as “Best supplier of the year”
- ✓ 2009: Quality certification ISO TS 16949/2009 for M4U
Environm. Certification ISO 14001:2004 for M4U
- ✓ 2011: NTN-SNR Award as “Best new supplier of the year for Automotive applications”
- ✓ 2015: NTN-SNR Roulements Award as “Best supplier of the year”

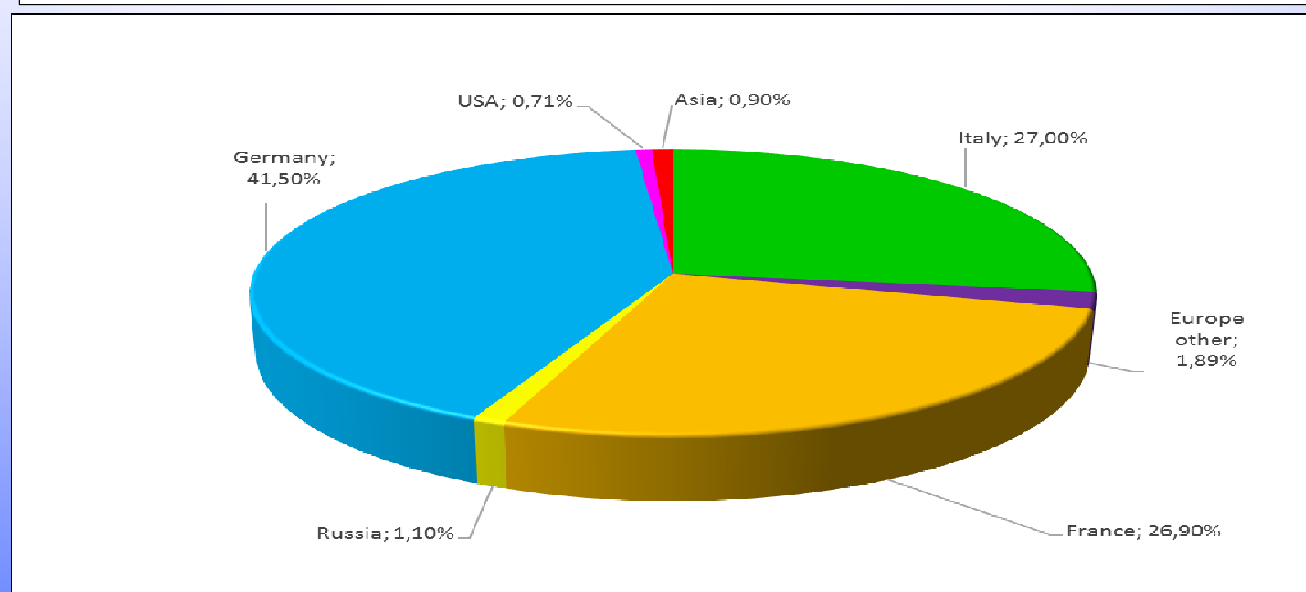


Turnover Sharing

Market applications



Geographic distribution





APPLICATION FIELDS

- **AUTOMOTIVE:**
 - Hub Wheel bearings
 - Parts for synchronizing gear
 - Parts for Dampers
- **RAILWAY:**
 - Parts for Railway Bearing Units RBU (rings, spacer, end caps, etc)
- **INDUSTRIAL:**
 - Components for reduction gears
 - Slewing rings
 - Toothed crowns
 - Spare parts for earth-moving
 - Bearing components and spare parts for CNC machines and robotics
- **WIND ENERGY:**
 - Gears and Slewings rings
- **MARINE:**
 - Pistons and gear for submarines applications
- **TEXTILE:**
 - Parts for bearings
- **FOOD INDUSTRY:**
 - Parts for bearings