

## Ghibaudi Mario Srl experience

# THE COMPANY

#### VISION

Become leader in the distribution of electrical spare parts for vehicles always supplying products "high quality".

#### MISSION

Offer all customers the opportunity to purchase quality products at competitive prices through marketing actions and development of innovative technologies .

#### VALUES

We always recognize ourselves in these values:

- Quality: assure quality (ISO 9001) and respect the environment (ISO 14001).
- Service: meet needs of our customers .



# **ABOUT US**

- 1927: Mario Ghibaudi starts the production of starter drives and cv joints. Set up GHIBAUDI MARIO.
- 1960 : strategic decision to produce starter drives and pinions only .
- 1967 : opening historical site in Turin of 4000 sqm .
- ▶ 1970 : opening GHIBAUDI FRANCE .
- ▶ 1980 :opening GHIBAUDI SPAIN .
- 1990 : associated to APRA .
- 1997 : certification ISO 9001 .
- > 2000 : warehouse increases from 4000 sqm to 6000 sqm .
- > 2001 : certification ISO 14001 .
- 2007 : setting off the ignition coils range .
- 2008 : acquiring Elauto and new lines as brushes, regulators and glow plugs .
- > 2009 : moving to new location in Alpignano in an area of 10.000 sqm .



# **ABOUT US**

- > 2010 : acquiring Cosma and starts solenoids production .
- 2012 : setting off the steering column switches and steering suspension parts ranges .
- > 2013 : setting off the starter motor and alternator range .
- 2014 : setting off the fuel pumps range and setting up the product divisions
- ▶ 2015: starting production of rotors, stators, armatures, field coils ORME
- > 2016: setting off reduction starter motor range.
- > 2017: Foundation of Sthenos Alliance Automotive Italian Manufacturer

In collaboration with ETP Europe setting off turbocharger range under brand



## **GHIBAUDI PLANT**











## **Starter Drive**

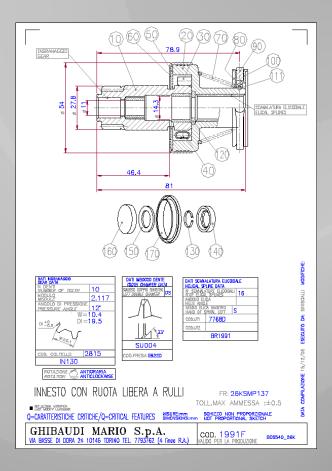




# DESIGN



#### Good products mean good design





## RAW MATERIALS





The raw materials are carefully chosen and purchased against stringent quality control systems.



## **GEAR PRODUCTION**



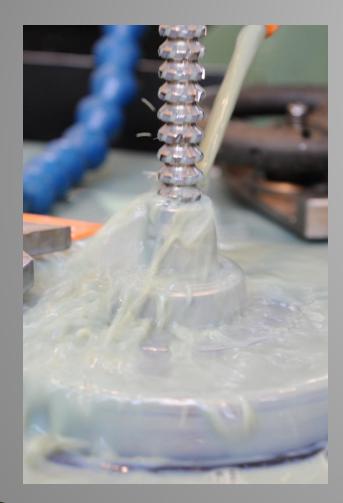


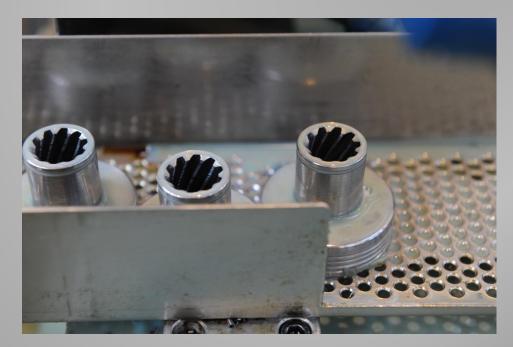






## **BODY PRODUCTION**





#### Fully automated broaching machines



## ASSEMBLY









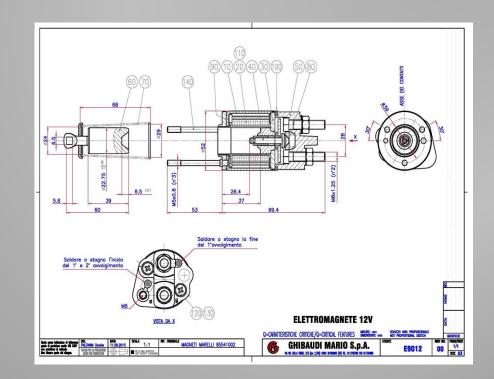
### **SOLENOIDS**





## DESIGN





#### Detailed analysis of all components



## PRODUCTION



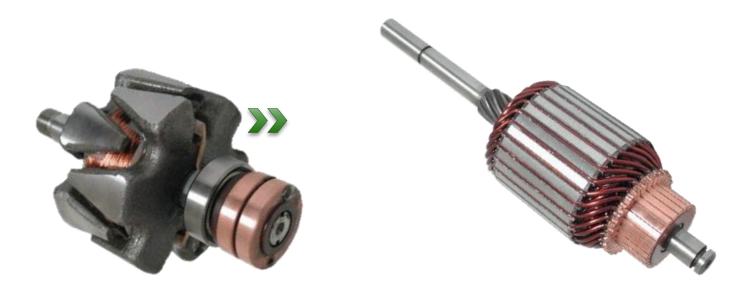






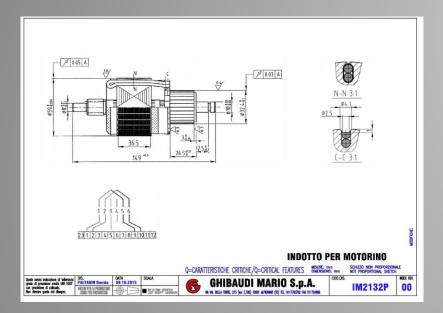


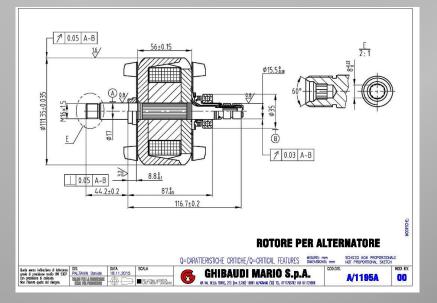
### **ROTOR AND ARMATURE**



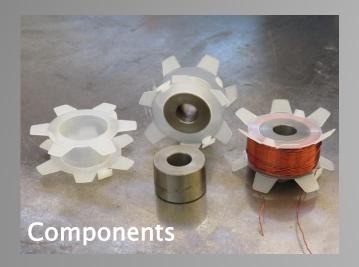


## DESIGN







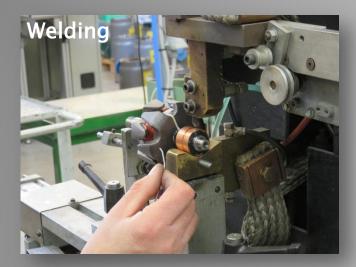




















#### Undercutting



polishing













### LABELING



Customized labels and according custom requirements



### PACKAGING









### LOGISTIC











## QUALITY













## QUALITY



Automatic electric test machine











#### **TECHNICAL INFORMATIONS:**

The turbocharger has three main components: The turbine, which is almost always a <u>radial inflow turbine</u> (but is almost always a single-stage <u>axial inflow turbine</u> in large Diesel engines) -A The compressor, which is almost always a <u>centrifugal compressor- B</u> The center housing/hub rotating assembly - C

**B** –

Carter

A – Carter







- > RANGE OF PRODUCTS :
  - 103 MODEL OF COMPLETE TURBO CHARGERS











- ➢ RANGE OF PRODUCTS :
  - MORE THAN 400 MODELS OF CORE ASSY









- RANGE OF PRODUCTS : PARTS FOR COMPLETE TURBO
  - VNT AND ACTUATORS
  - TURBINE HOUSINGS
  - COMPRESSOR HOUSINGS

















- RANGE OF PRODUCTS : PARTS FOR CORE ASSY
  - BACK PLATES
  - BEARING HOUSINGS
  - HEAT SHIELDS
  - REPAIRING KITS











- RANGE OF PRODUCTS : PARTS FOR CORE ASSY
  - COMPRESSOR WHEELS
  - SHAFT WHEELS







# **PRODUCT DIVISIONS**

Mechanical	Rotating Machine	Engine Management
Alternators Pulleys	Starter Drives	Diesel Glow Plugs
Suspension Parts	Solenoids switches	Ignition Coils
	Rotors, Stators, Armatures, Field coils	Fuel Pumps
	Brushes and Brush-holders	Accessory
	Alternator Pulleys	Turbo compressor
	Starters, Alternators and Reduction Starter Motors	
	Starter and solenoid Components	
	Regulators and Rectifiers	
	Alternator Bearings	



### ROTATING MACHINE DIVISION COMPONENTS





### ROTATING MACHINE DIVISION COMPLETE UNITS





Ann quere paras que esperadas CHIBAUDI MARIO S.P.A. 2016



### MECHANICAL DIVISION







### ENGINE MANAGEMENT DIVISION



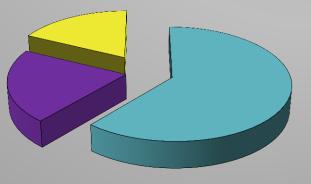








OEM ANDREBUILDERAFTERMARKET





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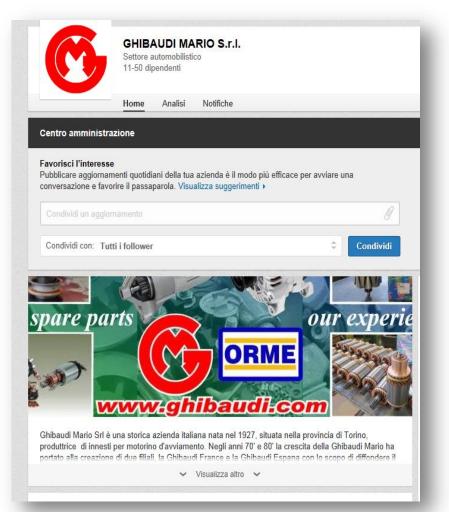
#### • Newsletter

ww.ghibaudi.com		EWS LETTER: 2017/02-063
NEWS INNESTI / STARTE	6312 L+48 SCA-05E ОЕ НУИКОМ С5 НУИКОМ С5 НУИКОМ КА	DE-46 D=28 Z=6 ROT=0 36146-25010 96146-26120 36106-25120 96106-26120 36100-25120 96100-26130 36100-25120 96100-26130 36100-25120 96100-26130 36100-25120 96100-26130 36100-25120 26200-25120 26200-25120 26200-25120 26200-25120 26200-25120 26200-25120 2620
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• International Fairs







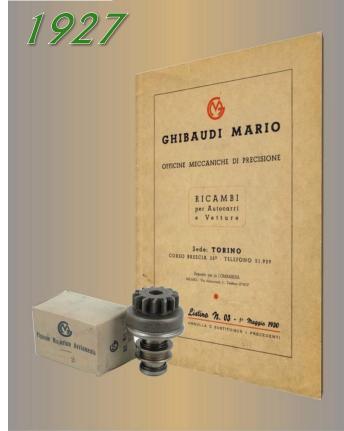
# FACILITIES

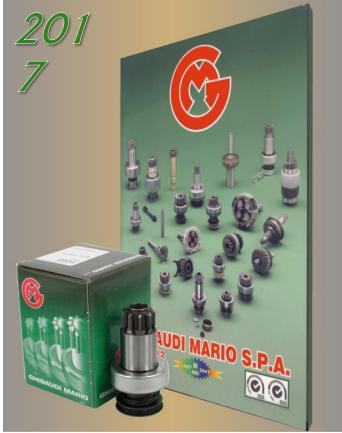
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Since 1927 supplying **quality** and **know-how** in electric spare parts

