

Who we are



TAS was born over 50 years ago for a brilliant idea by Gino COPPOLA; the idea to intercept the growing demand for spare parts for cars, trucks and agricultural machinery.

A great personal motivation associated with a strong propensity to travel to “touch with hand” the various needs of often heterogeneous markets has currently pushed the company to expand its range by covering all the various “Automotive” segments.

Right from the start, the company, which was born and still maintains its Headquarter office in Naples, created a production hub in Emilia Romagna (Bologna), a region with a mechanical vocation where to organize its production by exploiting the available skills and proximity to the major foundries constant and massive supplies of strictly Made in Italy raw materials.

The last 15 years have seen a strong investment by the Bologna Hub with the opening in 2013 of a new production plant in Argelato of over 5,000 covered square meters and a total area of 10,000 square meters. The second generation of owners, Silvio and Mercedes COPPOLA then directed the core business to the Truck division by signing a contract in 2014 with a well-known American OEM brand and closing, at the end of 2016, a very important contract with the largest European manufacturer of transmissions for trucks and passenger cars.

Strengthened by constant growth and proud to be able to combine the needs of OEM customers who believe that success of our loyal customers means a continuous renewal that always ensures a product quality comparable to the original product.

2 factories (Naples and Bologna)
68 employees
8.500 sqm covered

1 production plant (Bologna)
2 logistic warehouses

OVER 50 years' experience
OVER 40K items
OVER 150 different makes



Spare parts for trasmission and differential suitable for the following:

European Truck

DAF
IVECO
M. A. N.
MERCEDES-BENZ
R. V. I.
SCANIA
VOLVO
ZF

Agricultural tractors

CARRARO
CASE
DEUTZ
FIAT TRACTOR
FORD TRACTOR
JOHN DEERE
MASSEY FERGUSON

Earthmoving machinery

CATERPILLAR

American Truck

DANA - SPICER
EATON - FULLER
MACK
MERITOR - ROCKWELL

Asian Truck

HINO
HOWO
ISUZU
MITSUBISHI - FUSO
NISSAN
TOYOTA

Vintage Car

LAND ROVER
AUSTIN
FIAT
FORD
JAGUAR
MORRIS
WILLYS IEEP

All original manufacturers' names are used for reference purposes only.
T.A.S. products carry our registered brand.



EAC



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tas-spa.com



GEARBOX AND DIFFERENTIAL SPARE PARTS



What We do and How We do it

Our products start from a rigorous technical / production analysis which can be summarized in these focal points:

METALLOGRAPHIC ANALYSIS

We analyze for each product developed (except for products made under OEM license where we are already given the indication of the material to be used) the type of material used by the OEM and by the major competitors on the market. The analysis consists in cutting the material into section and subsequent analysis with quantomer and metallographic microscope for the identification of the material and surface treatments (both thermal and mechanical).



REVERSE ENGINEERING

We use a series of latest generation instruments (ZEISS, TESA, DEA etc ..) to obtain the exact dimension of the product to be reproduced in an “inverse” manner.

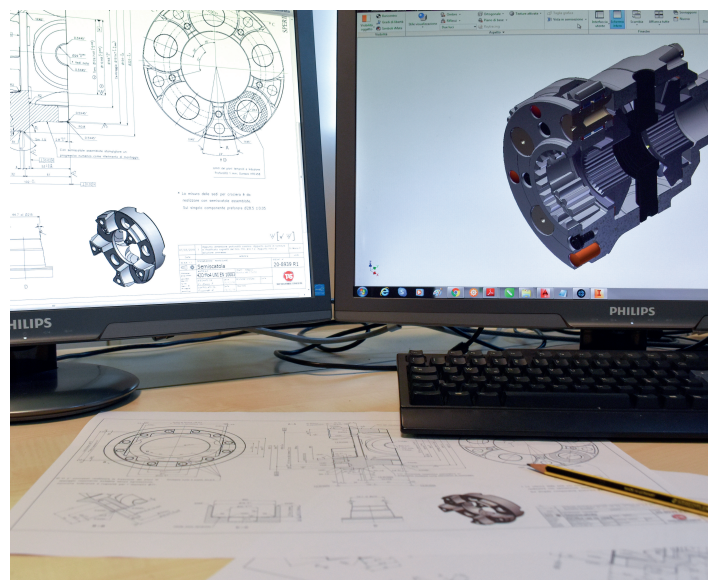
The operations of Reverse Engineering are however coadiuvated by the next point, the modeling of the entire kinematic chain in 3D necessary for the optimal definition of the tolerances and a reproduction of the detail at times, in our humble opinion, even more performing than the original.



MECHANICAL DESIGN

The development of three-dimensional CAD programs allowed us to model not only the part to be reproduced but all its mating parts and, in general, all the gearbox parts including the boxes, covers and internal levers.

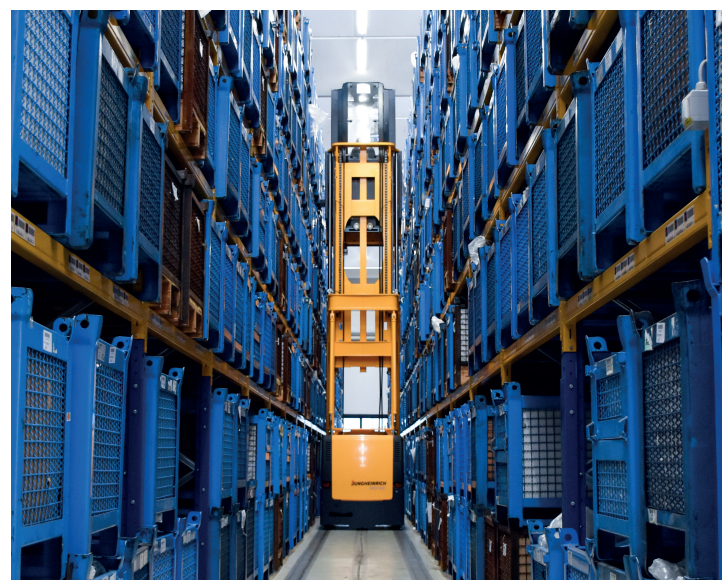
Using the AUTODESK INVENTOR technology, we have remapped and re-modeled our entire drawings archive, generating CAD-CAM solutions for machining and targeted control programs on board the machine, limiting almost to zero any possible mechanical processing errors and providing our internal testing with the specifications exact to the micron in order to be able to safely test each item produced and marked TAS.



Our Production and Our Controls

OUR PRODUCTION CYCLES

The specialization and experience in what we do is an integral part of the guarantee, therefore, to purchase a product that is technically and technologically the same as an original one. The forging of the details is done only and exclusively under our supervision and with rigorous metallurgical sample checks; the various mechanical operations such as Turning, Milling, Hobbing and Grinding are performed in our production plant in Bologna or authorized suppliers checked every month by our Quality Assurance structure. The only completely “outsourcing” process is the heat treatment, which, like forging, is definitely in contrast with the internal precision machining and requires dedicated spaces far from operations other than the same.



OUR QUALITY CONTROLS

“Our future resides in the quality of our products”

This is the motion of our founder which every day is reflected in over 300 checks on all stages of processing, including the washing and oiling the parts. Our management system, developed on the APPLE FileMaker platform (unique in our sector) allows us to track and make available on-line all the controls and analyses relating to our productions of the last 10 years (mandatory request of our OEM customers) each minimum phase is advanced only if it strictly respects the required parameters; our team of testers assisted by our Technical Dept. with technologically latest generation tools checks, verifies and certifies that each piece is compliant and respects the strict demands of our customers both OEM and Aftermarket. The same system then highlights every possible request / report from our clients in order to facilitate continuous improvement at the basis of our internal auditing and quality analysis process with specific control drivers.



GEARBOX AND DIFFERENTIAL SPARE PARTS



Our Vision and Our Future

We firmly believe that the development of TAS mainly involves in the satisfaction of our customers; we are working and will work to make available as much information as possible to make our products more accessible as well as to increase, month after month, our range of products increasingly oriented to cover the newest generations of Euro6 trucks.



The next investments for the 2021-2022 two-year period include:

- Extension of the production workshop with the introduction of new production processes (such as hard turning) and the purchase of new helical hobbing machines.
- Extension of the Logistics department with new automated picking procedures and Division of the washing / marking area for TAS branded products and particular licensed products that require the OEM logo.
- Creation of new dedicated technical documentation for the European, American and Japanese lines. (First release in preview September 2020 with the line of new catalogs of VOLVO adaptable spare parts).
- New web platform with immediate access to availability, access to technical documentation and dedicated data for each client based on their account.



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