

ROLLBO engineering

Rollbo Engineering is an Italian company established in 1988. We operate in three areas: we can design any kind of even complex machine, find the best possible suppliers, manufacture the prototype and give our support in applying for the CE approval. This allows us to supply our customers with the products they were looking for with a professional 360° service.

ENGINEERING

We can provide:



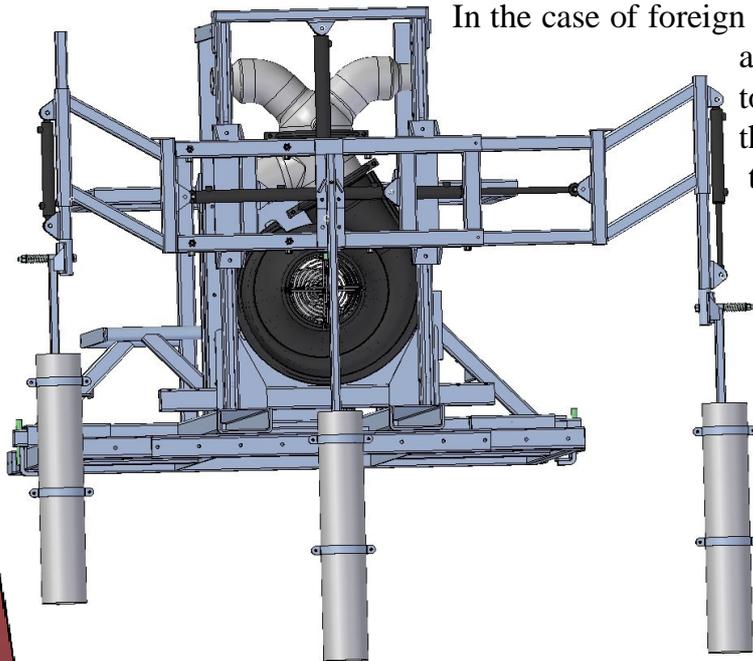
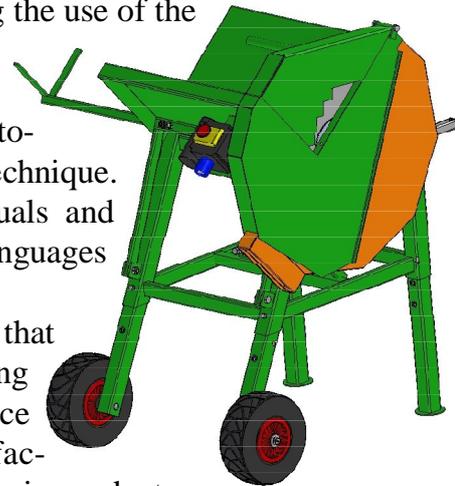
- 2D drawings and 3D numerical models, compatible with the most well known software (Pro-engineer, Solid Edge, Solid Works, Autocad, Inventor).

- Preparation of complete Bill of Materials.

- Stress calculation analysis manuals, aimed at fulfilling the safety requirements of the enforced laws and optimising the use of the materials to reduce the costs.

- Preparation of samples and/or prototypes realised with the fast prototyping technique.

- Use & Maintenance Manuals, Installation Manuals and Spare Parts Manuals translated in all the most common European languages and in Chinese.



In the case of foreign companies that

are planning to outsource the manufacturing of their products

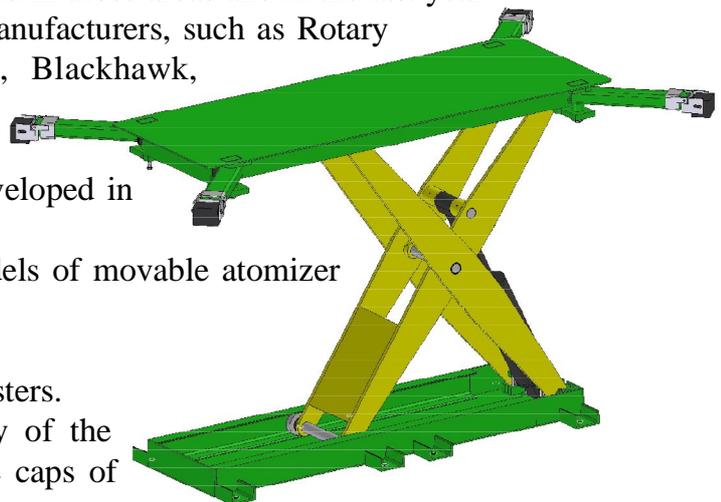
in Europe or China, we can convert the projects, from inches to metric standard, defining the most appropriate dimension of the materials available on the local market in replacement of the former original ones.

There are two specific areas where our expertise is specifically proven by our collaboration with the top leading manufacturers of the world: the Garage Equipment and Car Body Repairing field and the Agricultural Area. Rollbo is one

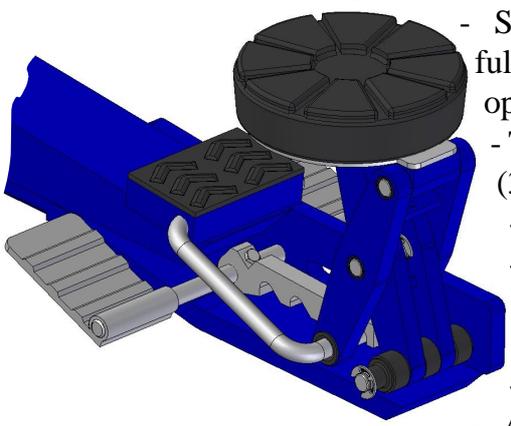
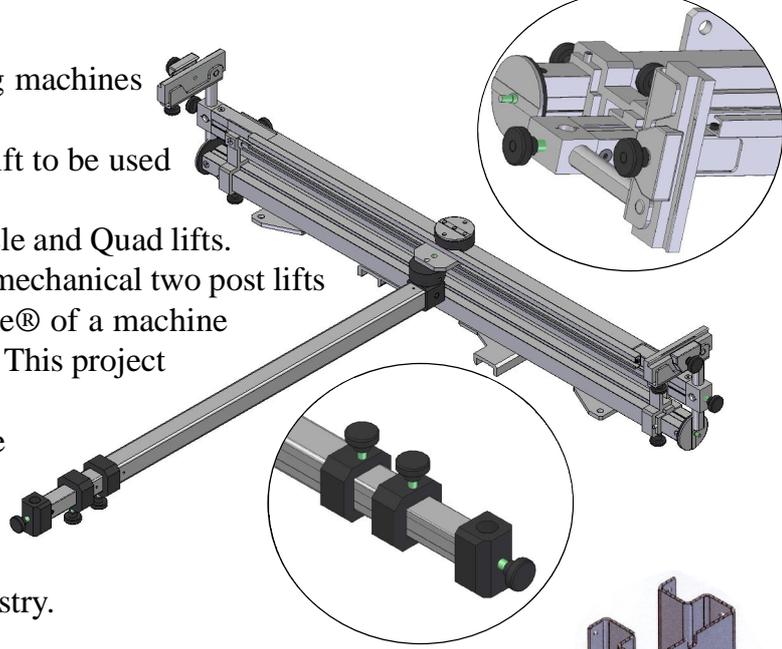
of the top designing companies in the world in those areas and in the last year has been giving its support to leading manufacturers, such as Rotary Lift, Car-O-Liner, Chief Automotive, Blackhawk, Stenhøj, Unigreen, FBC, Tifone, Macbert...

Amongst all the projects we have developed in the last months, we can list:

- A family of several different models of movable atomizer Air Sprayer for agricultural use.
- A frozen pizza production line.
- Several different models of casters.
- A machine for the recovery of the Aluminium contained on the caps of the yoghurt pots.



- Several families of wood sawing machines and wood choppers.
- An innovative hydraulic two post lift to be used in the garage to repair the cars.
- Several different models of Motorcycle and Quad lifts.
- A family of hydraulic and a family of mechanical two post lifts
- A turnkey project for Chief Automotive® of a machine utilized in the automotive repair industry. This project is worldwide covered by several patents.
- The industrialisation of a heavy machine to be used for repairing trucks.
- A hydraulic scissor lift to be used in a spay painting boot.
- Two light benches used in the repair Industry.
- A mechanical measuring device.

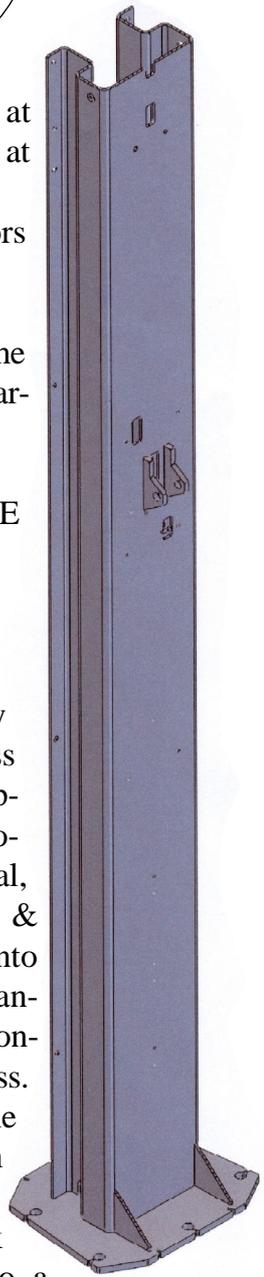
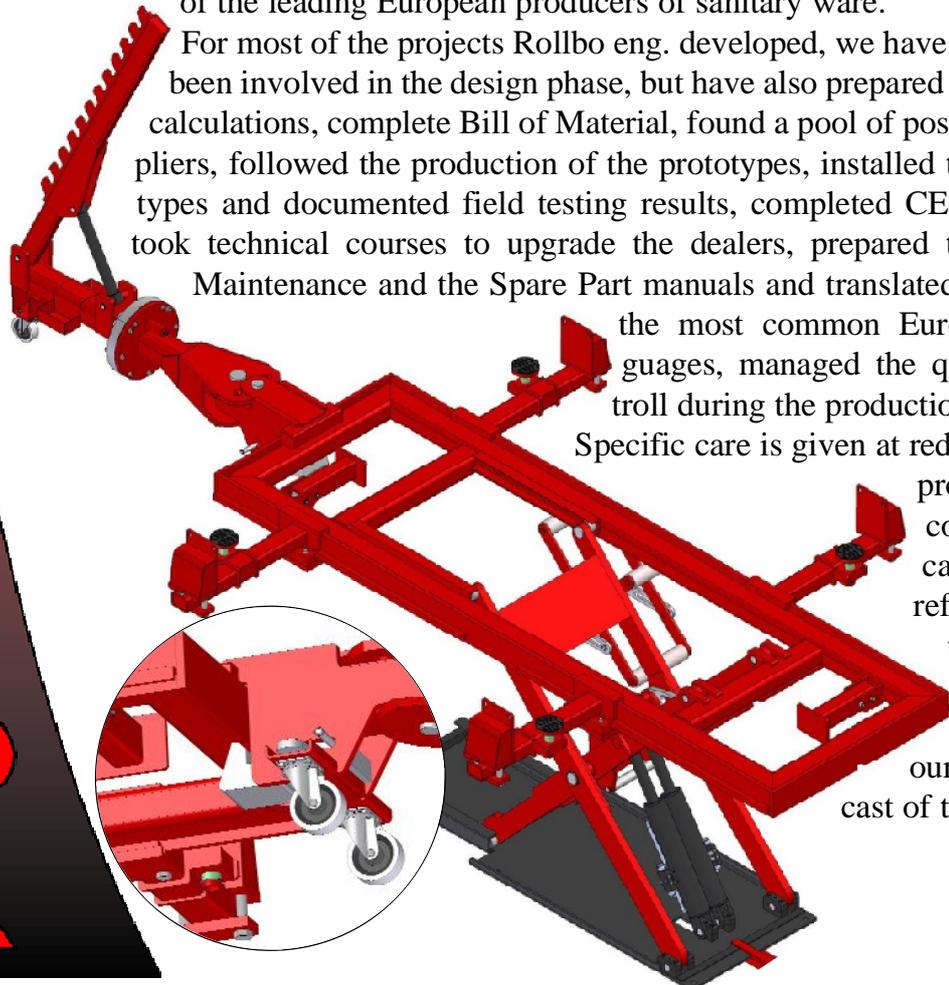


- Several stress calculation analisys aimed at fulfilling the requirements of the CE norm and at optimising the cost of the product.
- Two body repairing racks with hydraulic scissors (3.5 and 4 meters long).
- An Ice-cream packing line
- An Hydraulic Bow-Trust (used to control the big boats during approaches inside the harbours).
- Many gear assemblies.
- A family of milk pasteurizing autoclave CE

- approved according the requirements of the Pressure Equipment Directive (PED).
- The packing unit in a authomatized bread production line.
- The complete new production line of copper/brass/stainless steel fitting for one of the leading European producers of sanitary ware.

For most of the projects Rollbo eng. developed, we have not only been involved in the design phase, but have also prepared the stress calculations, complete Bill of Material, found a pool of possible suppliers, followed the production of the prototypes, installed the prototypes and documented field testing results, completed CE approval, took technical courses to upgrade the dealers, prepared the Use & Maintenance and the Spare Part manuals and translated them into the most common European languages, managed the quality control during the production process.

Specific care is given at reducing the production costs. We can work referring to a target cost even in the initial pre-feasibility study phase, offering to our customer a detailed forecast of the final project.



RESEARCH OF SUPPLIERS

Our technicians, all coming from the purchasing area of many important companies, are available for any need to become the external support of our customers.

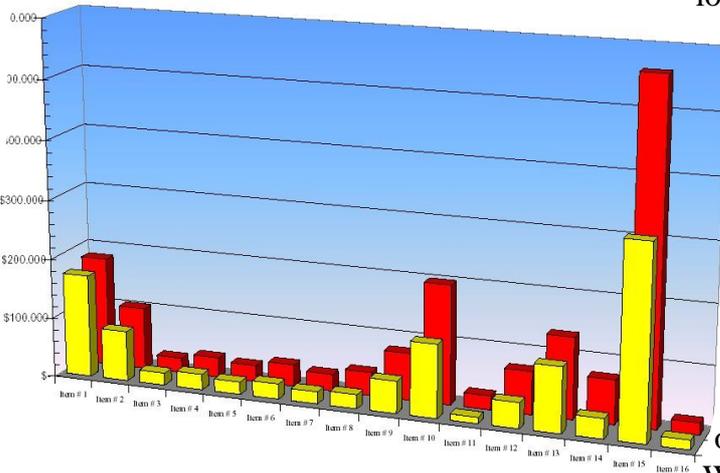
We can share with our customers a large database with more than 1200 suppliers, both Italians and foreign. Our database is constantly updated with researches and visits to the suppliers themselves and to the most important exhibitions.

If needed we do not limit our involvement in finding the most suitable supplier, but we can also follow the production of prototypes, check products before delivery and warrantee the program of shipments.

For this reason and in order to simplify the business relationships between our customers and the local Suppliers, we have an office in Lithuania

and another in China. We have chosen in those Countries only the Companies that, for a very competitive cost, can guarantee an absolutely outstanding level of quality. At least once per month we visit our Lithuanian office and every 3 months the one in Laizhou in order to keep up to date all the pending projects.

If our customers need it, we can work with annual cost reduction targets, being able to obtain very interesting results.



With one of our American customers, we

were able to realise a saving just in 2004 that exceeded US\$ 1.4 millions.

At the moment we are working as buyers for around 15 companies; five of which are prominent American firms.

CE APPROVAL

We have made CE approvals for more than 400 different products. We can supply:

- Use & Maintenance Manuals in different languages.
- Complete Technical file with Detailed Stress Calculation Reports needed for the preparation of the declaration of conformity and requested by the notified body in order to perform the approval of the product.
- Research, when necessary (for products included in attachment IV of the norms),

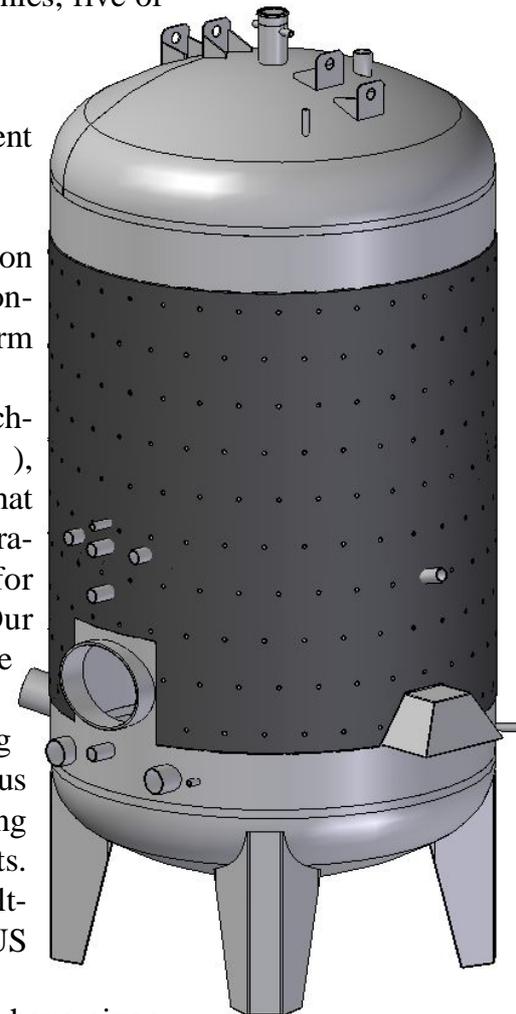


of a notified body that will perform the declaration of conformity for product approval. Our Company monitors the

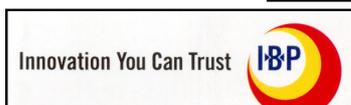
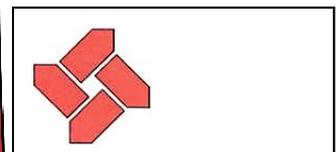
approval process, step by step.

The participation of our engineers to specific training courses, our continuous update to new norms, permit us to supply to our customers a life warrantee updating ,when necessary, the documentation of their products. We are approved CE marking and designing consultants for the Business Centre Provider of the US Consulate

One of the areas of the CE approval recently we have given most attention to is the checking and preparation of documents for products included in the Pressure Equipment Directive PED EN27/97 (tanks, heatexchangers, autoclaves).



SOME OF THE COMPANIES WE WORK WITH:



For more information, please feel free to contact our offices:

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