

Martin

Levelling Components

USER MANUAL
APPLICATIONS
GUIDE

The Specialist in Levelling
at 360°



MADE IN ITALY

Martin

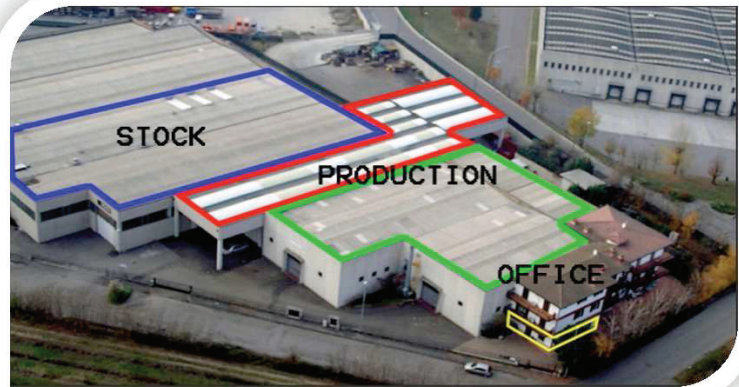
Levelling Components

A Company ISO TÜV certified



The Company

MARTIN S.R.L. is an Italian manufacturer and European Leader and its sole business are machine feet with an eye to Stainless Steel Accessories. Located in Brescia, North of Italy, Martin started its activity 30 years ago working in the subcontracting sector producing mechanical parts of precision. Ten years ago it launched its own line of components for the whole industry.



Martin's aim is to be your reliable partner in the supply of levelling components; the product range is unique in its variety (more than 4000 standard articles) and is focused to fulfil the necessities of each industrial sector.



The policy of the Company is based on:

- quality at favourable prices
- efficiency of the service
- flexibility in the realization of non-standard solutions

The global surface area of the Company is about 5.000sq divided into:

- storage for raw material and sewing department
- storage for finished parts and assembly department
- production department: over 50 CNC machineries of the latest technology

Martin will support customers by following them with their needs, whether this means big projects or bespoke products doesn't matter. Everything is done with the customer needs in mind. In the production department a specific area has been dedicated for the realization of extra-standard products as flexibility represents one of the main value of our policy.

30 years experience in the precision mechanic sector enabled Martin to reach the highest quality production level, which recently allowed the Company to certify for the TUV, ISO 9001.

Its offer is unique in variety for number of models and applications: Martin range covers as a matter of fact every industrial sector (food, beverage, mechanical, enological, pharmaceutical industry a.s.o.)



The Product

The foot (also known as anti-vibration), is a technical industrial product composed of a spindle/screw and a base/plate for levelling and supporting structures of different nature. Although a pretty simple product, it has become, especially in the last 30 years, an important part in the package needed to assemble almost any machine. If combined with other technical articles of undoubted synergy, it can provide great satisfaction to those who want to actively offer it to their customers.

Usually used for leveling and support, it is used in countless fields. Among the most common applications surely we can cite the machineries (in the widest sense of the term). In fact, any type of machine to the more recent ones such as numerical control lathes, milling machines, machining centers, water/laser/plasma cutting or for wood working, textile, glass, ceramics, paper, tobacco to the more common but demanding in terms of hygiene packaging industry, meat, dairy, bakery, bottling, labeling up to the military, solar and green energy, not to mention the chemical, pharmaceutical and cosmetic industry, is either set up on castors, wheels or leveling feet.



The foot is an artifact relatively simple technically speaking, but the needs from the modern industry like high performing materials which have to strictly comply with REACH and RoHS certifications, or simply to have a nice design, make it an article difficult to treat. A foot not reliable 100% could compromise the entire machine performance. The difficulties of finding quality items at an affordable price with an immediate availability on the market may discourage anyone. The almost infinite variations of a single item in fact make it difficult to keep this product in stock without a strong economical commitment. But our experience has widely proven that an effort in this way will eventually pay. Being able to quickly supply customers is becoming nowadays the key to win market shares, even more than a better price.



Other applications such as conveyors, palletizers, robotic arms, appliances, shelving, scales, presses, electrical cabinets and many more find in the adjustable feet the ideal component. Our proven experience along with that of our Italian and foreign partners tells us that the ideal synergy to successfully sell this item is obtained by combining it with other packages of products rather than offer it individually. Power transmission components are the heart of the automation and having in your range items such as bearings, gearboxes and gearmotors or belts, chains and guidelines for the motion transmission can be successful.

Another happy coupling is certainly the one with the so-called standard elements: handles, hinges, knobs, locks, closing systems and all those articles which complete the machine structure combines very well with the foot.

As a final partnership is worth quoting the vibration field. Buffers, silent blocks, shock absorbers etc. are items with proven synergy. While this might open a door in which we do not want to get involved because of the specific technical knowledge required, the foot is often compared to vibration mounts in the strict sense of the term. Martin in its wide range still offers optimal products to solve the most common problems of vibration and allow you to further expand your sale horizons.

Product Lines



Plastic Line



Mini Line



Steel Line



Teknofix



Inox Line



Teknoclean

Product Lines



Pressed Line



Antivibration



Accessories

Special Productions



How to choose the right product

There are three ways to help customers finding the product needed:

1. By Price. Economic solutions usually lead to Plastic, Vulcanized or Pressed Lines
2. By Weight. Go to point A
3. By Filtering. Go to point B

A) Weight

. What is the load the foot has to bear?

Alternatively:

. How heavy is the machine and how many feet are going to be used under it?
(machine weight divided by the number of supports used = static load per foot)

If dynamic forces are in action:

. Are there any dynamic forces in action? (horizontal or vertical forces)
(two times the machine weight divided by the number of supports used = static load per foot)

. Are operators actively working on the structure?
(two times the machine weight divided by the number of supports used + 1500N per person = dynamic load per foot)

B) Filtering

Common questions:

- . Which is the material required (steel or stainless steel)?
- . Can a polyamide base be enough? If yes, proceed identifying the appropriate plastic + steel or plastic + stainless product.
- . Does the customer need an anti-slip/skid/vibration pad?
- . Is a fixing system required? (bolt down option can be 1, 2 or 4 holes)
- . Does the screw need to be loose?
 1. If yes, how much angle?
 2. If no, does the screw need to be able to turn inside the base?

Most important questions:

- What is the size of the base? (\emptyset)
- What is the metric (or inch) size of the thread?
- What is the length of the screw or the total height of the foot?
- What is the quantity needed? (order size and annual demand)

Please, indicate if a specific adjusting wrench slot or a top Allen key (top internal or external hexagon) are needed.

Packaging

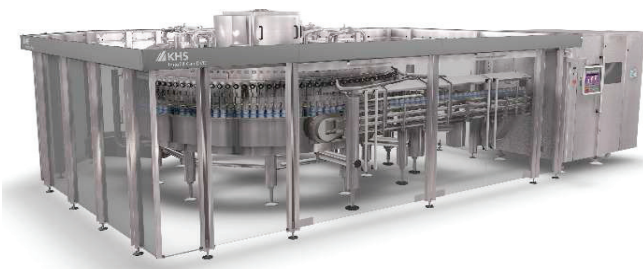
Beverage



Bottling



Filling



Labelling



Food

Pasta



Pizza



Backery



Dryers



Mixers



Fish/Meat Processing



Slaughter House



Water Plant



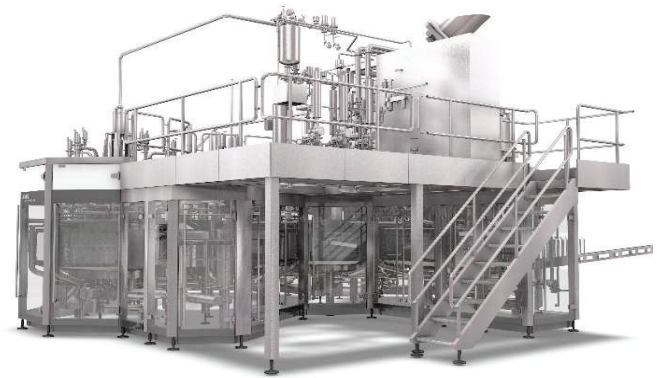
Milk Plant



Brewing



Dairy



Tanks



Industrial Kitchens



Chemical



Cosmetics



Pharmaceutical



Conveyors



Material Handling



Automotive



Robots/Palletizers



Airports



Electrical Cabinets



Machineries

Water Cutting



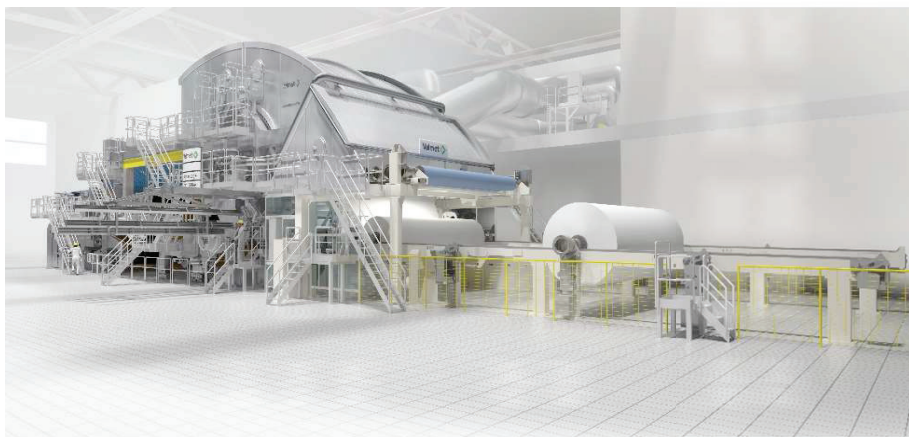
Plasma Cutting



Laser Cutting



Paper/Tobacco



Glass/Wood Working



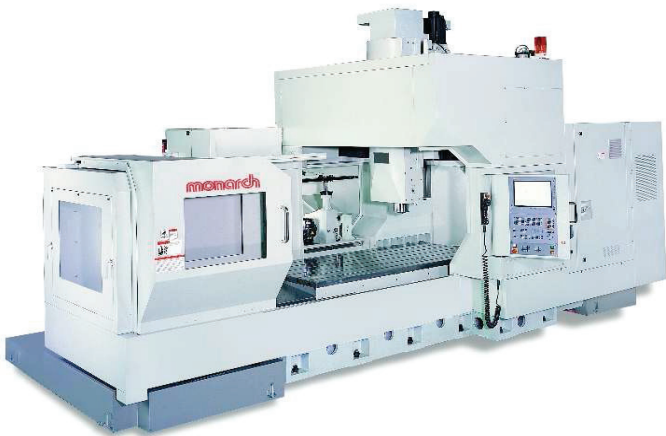
Scales



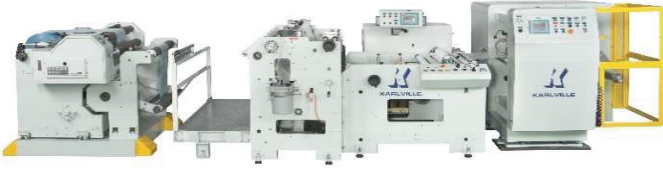
Injection



CNC/Lathe/Drilling/Mills/Press/Etc.



Coating



Metal Working



Clothing/Textile



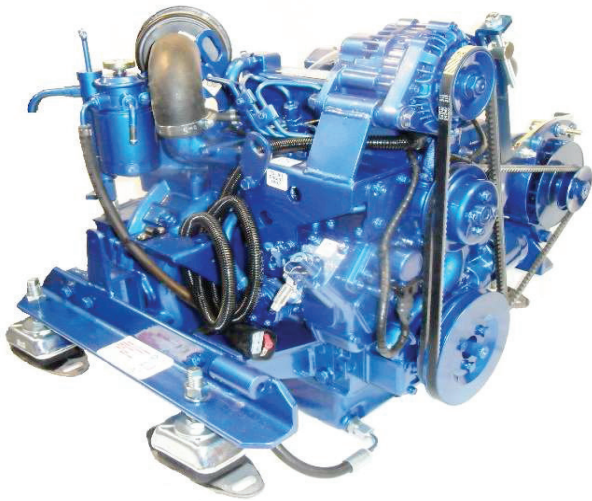
PVC/Aluminium Profiles



White Industry



Vibration - Marine



Green Energy

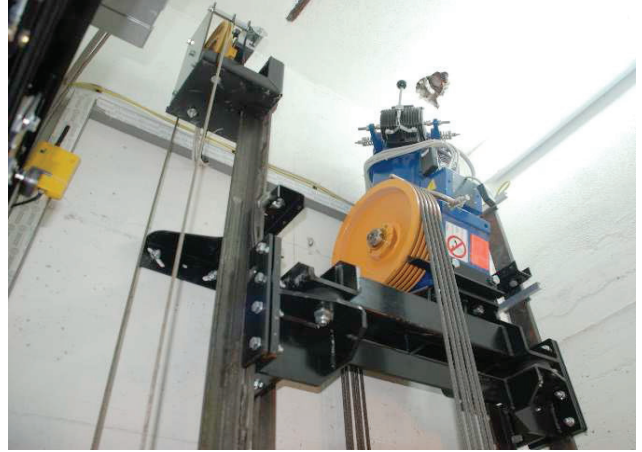


Miscellaneous

Structure/Scaffold



Building/Elevator



Mobile Homes



Pools/Games



Fun Parks



Wellness Equipment





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