

Press Release

Elesa levelling feet match industrial applications and aggressive environments



Elesa, as market leading manufacturers in high quality [levelling feet](#), are delighted to offer units for all industrial purposes from simple desks and workstations to vibration damping and non-slip for heavy machines, food industry and biohazard applications.

At the light duty end of the spectrum the [LX series](#) are designed with adjustment moulded into the foot. They are suited to application on instrumentation housings, office desking, bench top equipment, portable stands and displays or similar.

For more demanding situations some machine feet have a base with special shape or design that allows fixing to the ground. This solution is suitable when you need to give more stability to the equipment. This type of machine levelling feet are available with or without no-slip disk NBR rubber applied to the base which ensures a perfect anchoring, preventing separation even in case of shocks during transport or adhesion to the floor.

[LW.A vibration damping units](#) from Elesa feature natural rubber damping pads built into an adjustable levelling foot design. They have been designed to damp vibrations, shocks and noise from moving components or non-balanced masses such as rotating machines. This vibration can cause significant detrimental effects on operator health as well as malfunctioning/reduction-in-lifespan of the machine or adjacent equipment.

“Active” machine isolation is described as being for



Press Box

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STANDARD MACHINE ELEMENTS WORLDWIDE

Ref: ELES3350 – levelling feet

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vibration producing equipment such as presses, machine tools, transfer equipment etc. to prevent vibration being transmitted away from the source. In addition, they are of value in a passive role when mounted on equipment that might be adversely affected by external vibration, such as quality testing, measuring or performance assessment equipment. This “bi-directional” isolation is an important feature of the LW.A levelling elements and is often a feature in the same location.

The [LMRS levelling feet](#) from Elesa are manufactured in stainless steel (AISI 303/304) and designed to shed liquids downward. The low sulphur content of materials used in the LMRS and design features such as convex base with sleeved bolt are particularly significant to the food industry. For this reason, an adjustable sleeve covers the threaded stem, and other sharp edges and corners have been to a large extent avoided. This increases the efficiency of power cleaning measures in messy environments such as food processing, abattoirs and other hygiene sensitive applications.

Elesa’s [LM.F-HD-SST series of levelling feet](#) in stainless steel with permanent floor mounting facility are now EHEDG certified (European Hygienic Engineering & Design Group). This means that they offer significant advantages in improved hygiene and reduced cleaning time (and resources). Thereby enhancing the environment of industrial areas such as in food production, pharmaceutical, paint and dye manufacture and similar, as well as saving on use of cleaning materials and time taken in wash-down cycles.

For example, there can be up to 25% time saving with less consumption of water, energy and cleaning agents, by use of specific design criteria



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elesa®



with high grade stainless steel and FDA/EU compliant plastics.

Elesa explain that in the food industry, medical technology and the pharmaceutical industry, product safety and consumer protection are becoming increasingly important. Due to their specific properties, standard parts in hygienic design can assist the production process in these sensitive areas, and facilitate the manufacture of products with a long shelf life, which are free from preservatives.

Further information regarding Elesa products may be found at: www.elesa.com or follow them on twitter: www.twitter.com/Elesa.

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