

New Elesa Ball Transfer Units, Roller Tracks and Conveyor Balls



Elesa are delighted to announce that they have added three new products to their range of [ball transfer units](#) (otherwise known as roller tracks or conveyor balls). Their [new UTB units in white acetal-based technopolymer](#) with white polymer or stainless steel roller balls are joined by ESD conductive units and UTR roller transfer units for especially delicate surfaces such as glass and ceramic.

Ball transfer units greatly aid the movement of flat sheet materials e.g. steel, wood, plastics and similar. They are used for material feed to workstations, movement on transfer lines between workstations or assembly lines, also for moving of components, assemblies and finished packages. They are installed in factories, warehouses, loading areas and receiving stations for onward movement in a simple, quick and easy fashion, generally under gravity or manual feed. Normally they are installed with the ball upwards but can also be used inverted as very low profile castors.

UTB series ball transfer units are particularly suitable for applications on transfer and conveyor lines or end of production lines. They offer smooth linear and rotational movement with maximum cleanliness as they do not require lubrication with oils and greases. The UTB technopolymer ball option lends itself to handling loads with delicate surfaces while the stainless steel ball version is excellent for handling loads with sharp or angular surfaces. Furthermore, since these are corrosion-resistant materials, it is possible to wash them if required.



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STANDARD MACHINE ELEMENTS WORLDWIDE

Ref: ELES3714 – New Elesa Ball Transfer Units

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The Elesa logo is located in the bottom right corner. It features the word "elesa" in a bold, lowercase, sans-serif font. The letter "e" is significantly larger than the other letters. A registered trademark symbol (®) is positioned to the upper right of the "a".

New [ESD conductive units](#) feature a special electro-conductive technopolymer body, in black with volume resistivity $<10^5 \Omega \text{ cm}$, to DIN IEC 93, and surface resistivity $<10^5 \Omega$, to DIN 53482. The main ball is in stainless steel with internal support and transfer balls also in stainless steel. The mix of these materials prevents the accumulation of electrostatic charges so that UTB-SST-ESD ball transfer units are suitable for applications in "ESD PROTECTED AREA" (EPA) areas – especially for assembly of delicate electronic devices or in potentially hazardous environments.

Also new, Elesa [UTR roller transfer units](#) facilitate both linear and rotary movement with a soft technopolymer roller. This is suitable for handling loads with particularly delicate surfaces such as glass and ceramic, and may also be washed frequently.

Further information regarding Elesa products may be [found here](#).



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