



SISTEMI E STRUTTURE PER IL MAGAZZINO



**METALSISTEM®**



A large, close-up photograph of the Super 6 mezzanine components, showing the interlocking design of the galvanized steel beams with a series of raised, circular bumps along their length.

## **Metalsistem**

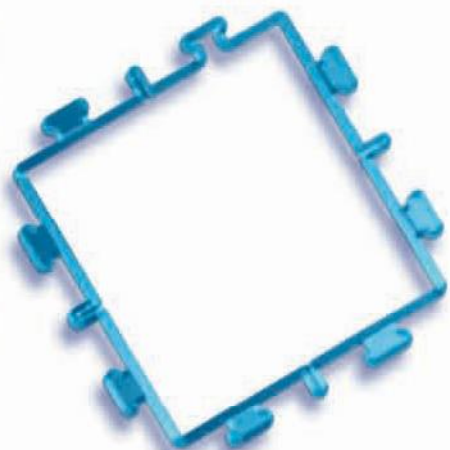
### **Super 6 mezzanines**

The most convenient and cost-effective method of increasing your storage capacity.

Super 6 mezzanines are modular structures, totally created from interlocking components, able to be adapted to the most demanding requirements. All structural components are manufactured from 3.1B (EN10204) certified high tensile steels.

The patented upright, key of the Super 6 mezzanine system, is galvanised via the SENDZIMIR procedure, able to guarantee durability in time. The profile, a closed section without perforations or cut-outs, enables connections to be made on eight points along four faces. This permits the creation of mezzanine structures in unlimited forms and configurations thus enabling our Clients to maximise their warehouse capacity.

The design of the various components is the result of rigorous technical testing and the highly specialised knowledge developed over years of experience in the field of metal processing.





## The company

METALSISTEM was founded in 1968 to design and construct machinery for the cold profiling of metals. The technical knowledge and skills acquired through this activity led naturally to the production of zinc coated steel structures.

Numerous highly innovative patents resulted and the success enjoyed by the company caused them to concentrate on this side of their activities. Today, the activities of METALSISTEM, parent company of an interactive group of companies, cover all the production, distribution and marketing processes of a wide range of products, conceived to create safe and functional storage systems.

METALSISTEM company strategy has enabled them to offer products of the highest quality, highly competitively priced, with very rapid delivery times and a first class back up service.

The METALSISTEM Group premises occupy an overall area of approx. 230.000 m<sup>2</sup>, 125.000 of which are used for production. Annual turnover of the METALSISTEM Group: exceeding 260 Mio Euro.

A fully operational network of more than 56 subsidiary companies throughout the world covers the strategic sectors of the METALSISTEM Group. Delivery and installation of even major projects can be achieved very quickly. This is possible due to the high rate of production coupled with an extensive network of distributors worldwide, extreme ease of assembly and very rapid installation times.

The numerous racking and shelving series are "conceived" and designed directly at METALSISTEM's own "Research and Development Department", as are the profiling lines and automated production facilities for the cold forming of metals, which have enabled METALSISTEM to achieve one of the highest levels of productivity available in the world today. Lightness, strength and modular form, coupled with the ease of integrating and expanding already existing structures are but a few of the successful features of the METALSISTEM industrial storage and shelving systems. The safety and quality of the product has always been a primary aim of METALSISTEM.

In addition to the highest rating achieved from various European Certification Bodies such as German TÜV Product Service, one of the most rigorous EU commissions in the field of quality and safety certification, Austrian Ö-Norm, ACAI/CISI (Italian Member of F.E.M.), METALSISTEM is also ISO 9001 accredited.

We value greatly the high level of trust that is placed in us by our customers and feel that it is proof of the quality and reliability of our products.





## The components

The structural components are periodically subjected to dimensional and load bearing capacity testing by internal testing facilities and regularly undergo independent assessment conducted by external safety and quality certification bodies.

METALSISTEM mezzanines are guaranteed to have a maximum deflection of  $1/300$  of the beam length.

The versatility of METALSISTEM installations makes them suitable for a range of applications too wide to be completely illustrated here. METALSISTEM can resolve all applications where modular steel structures with specific stability, adjustability and resistance requirements are needed. Flooring is normally created via the assembly of the METALSISTEM patented modular steel flooring panels which, together with fasteners and bracing systems, create a solid connection with the other structural elements enabling horizontal forces to be transferred to ground.

The METALSISTEM steel flooring panels are available in three different surface options: smooth, ribbed and perforated. Other flooring materials, i.e. wood, medium density panels and such, can also be applied to these structures.

The Super 6 mezzanines are supplied complete with hand rails, stairs and sliding gates, where requested, all in conformity with current safety standard requirements.





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## Super 6 Series



■ The Super 6 upright has eight connection points along four faces, allowing the interconnection of this element in all four directions.

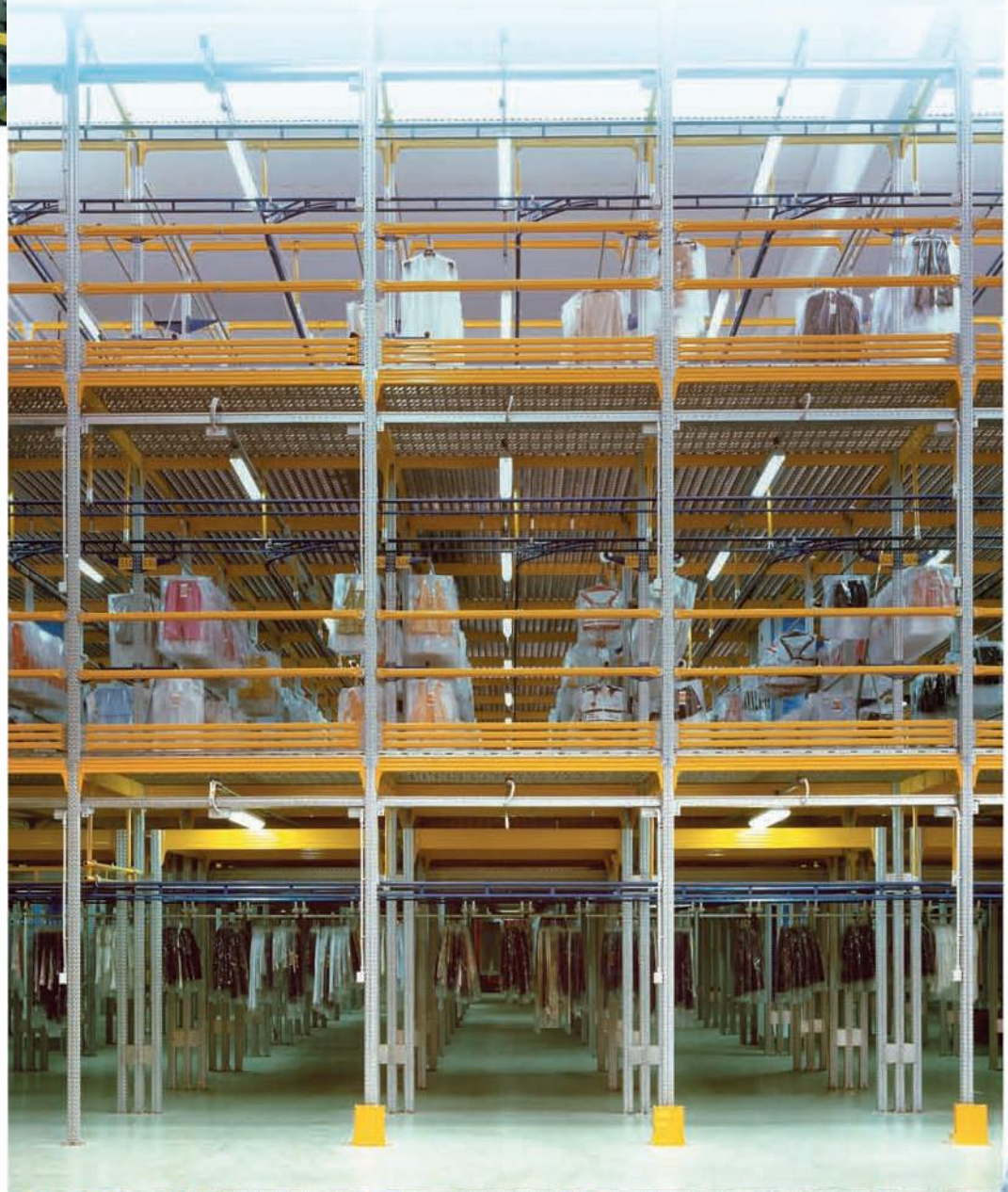
■ Uprights, coupled together via the interlocking spacer plates, enable the construction of column elements of elevated structural load bearing capacity.







■ The Super 6 series is provided with a wide range of interlocking accessories able to satisfy all operational requirements. Below, an automated hanging garment installation.





- Cantilevered systems and shelving elements allow the mezzanine structures to maximise storage capacity, thus providing solution for all distribution and warehousing sectors.







- The Super 6 solution is not simply an additional storage surface but an accessorised modular structure, able to be tailored to your specific requirements.







  
**METALSISTEM®**

FEM section X

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FEM section X

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