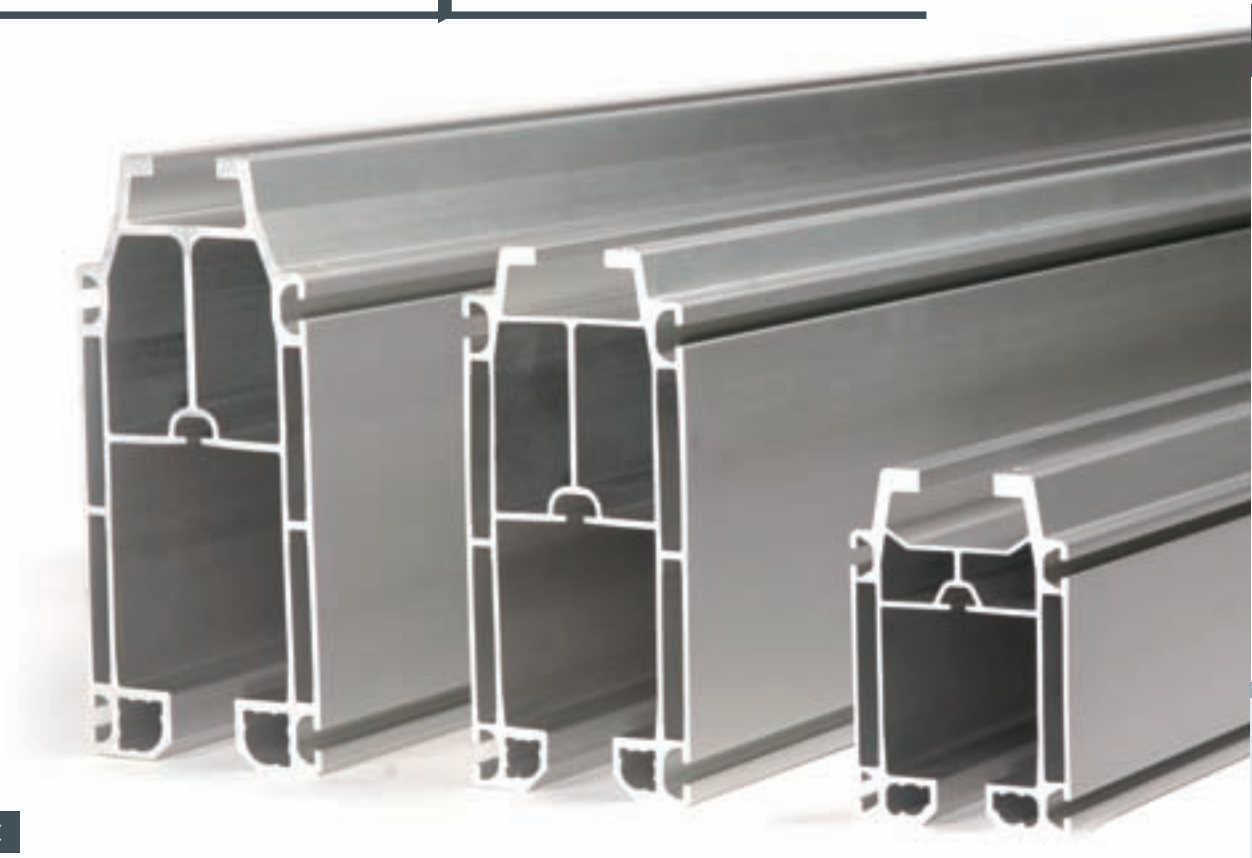
EUROSYSTEM® ALU

Revolutionising handling using **aluminium light profiles**

veca

VERLINDE®
LIFTING EQUIPMENT

The advantages of **aluminium profiles!**



ERGONOMIC
Light rails means users can very easily and effortlessly handle heavy and cumbersome loads.

ACCURATE
Accuracy is ensured through high quality manufacture and smooth movements.

ANTI-CORROSION
The aluminium profiles are externally and internally anodised.

ECONOMICAL
Reduce weight of supporting structure.

TECHNOLOGICAL
The beam is the result of the latest innovations in cold extrusion and structure optimisation.

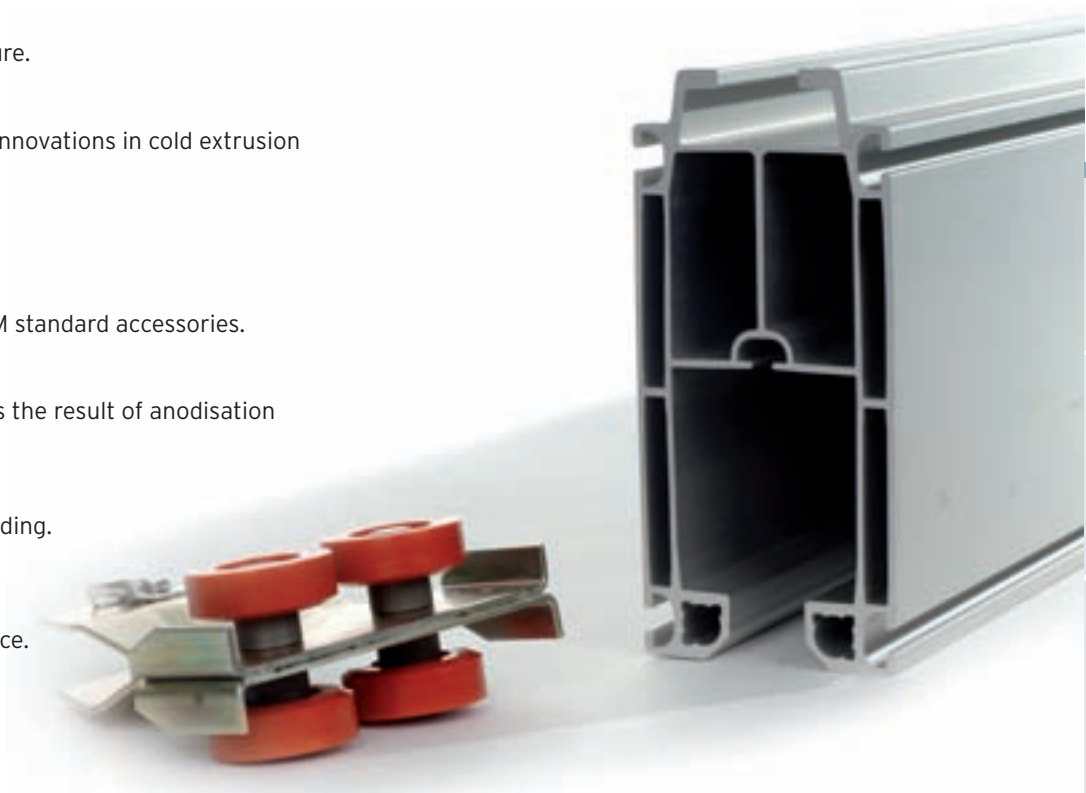
ATTRACTIVE

PRACTICAL
The beam is compatible with all ITEM standard accessories.

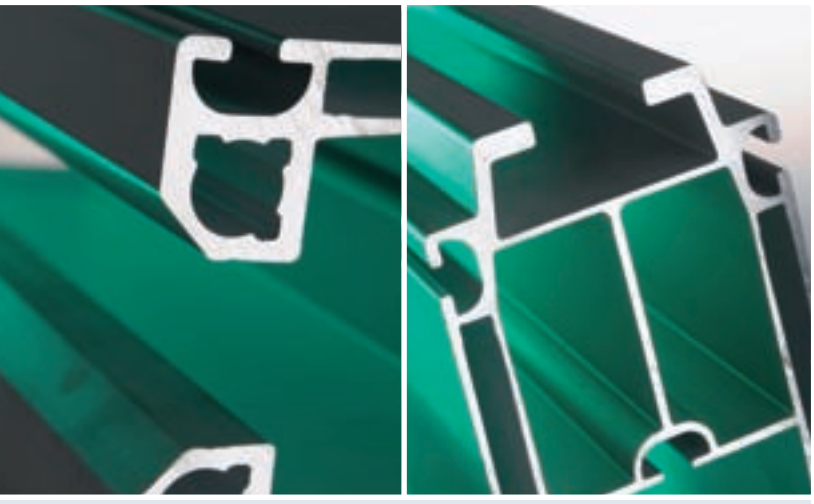
LASTING
Strong resistancy to wear and tear is the result of anodisation and the roller materials.

SAFETY
The beam is guaranteed without welding.

SILENCE
Operates silently due to the precise manufacture of the movement surface.



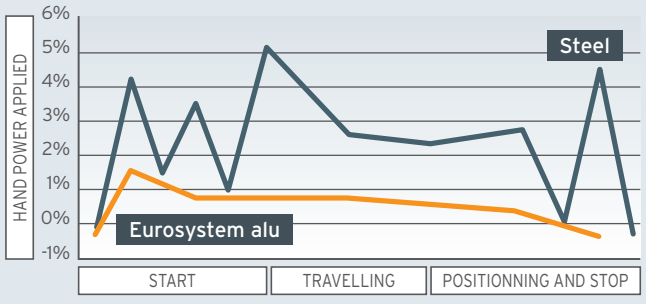
3 sizes of beam:
› AL 6. 6 kg a meter, up to 320 kg
› AL 10. 10 kg a meter, up to 2,000 kg
› AL 14. 14 kg a meter, up to 2,000 kg



ALU EUROSYSTEM in figures

› Materials
6063-T6 according to EN-AW standard
› 20 micron anodisation
A6C0
› Extrusion tolerance of beams according to standard
EN 12020
› Complies with applicable regulations according to standard
EN 13001, EUROCODE 9

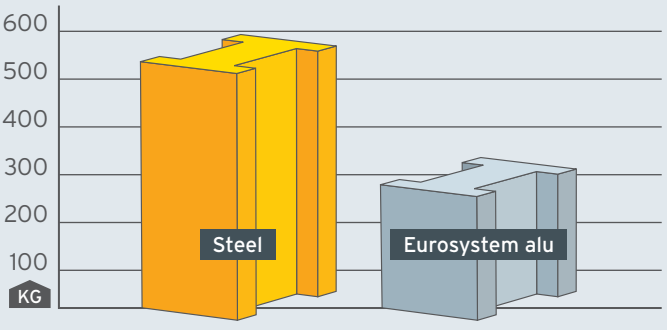
› Better workstation ergonomics and increased productivity



Compared with steel rails, when manually moving loads, the movement coefficient of the trolley rollers is greatly reduced in order to minimise operator effort.

› Reduced cost of supporting structures

2 times lighter than its steel equivalent



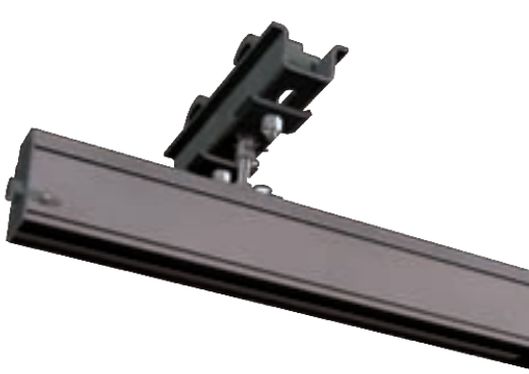
› Easy to install and use
› Economical for lifting structures

Greater accuracy of movements

Increased productivity

Ergonomic workstation

Savings in lifting structures of buildings



Monorail track up to 2000 kg loads

› Simple solution for workstations where loads are moved on 2 axes.
› Movement tracks and simple or complete circuit systems with direction changed by switch or turn table is also available.

Suspensions mean that the whole handling system can be fixed to a lifting structure.
Several suspension types are available depending on the type of beam used and the type of the host structure.

Locking plates:
can be dismantled, they act as a buffer, dust protection and they complete the attractiveness of the installation.

Joining of rails:
a perfect cut, pin pointer, 16 point locking system which is easy to implement: one of the features that make the difference.

Single girder suspended or encastred crane for loads up to 2000 kg

› To cover the largest surfaces in 3 dimensions.
› Ready to be installed to optimise lifting height.

Double girder suspended or encastred crane for loads up to 2000 kg

› Maximum loads with largest spans.
› Surface coverage in 3 dimensions.
› Good "C" dimension.

Direction and transfer trolley:

› Synthetic rollers on ball bearings.
› High security suspension by ball thrust bearing.
› Double buffer.

Options (Available soon)

› Curved rail for circuits.
› Integral electrical supply.
› Transfer system.

› Switch.
› Turn table.
› Direction and/or motorised transfer trolleys.
› Parallel supply to beam by integral conductor.

A simple solution for handling **up to 2 tonnes**

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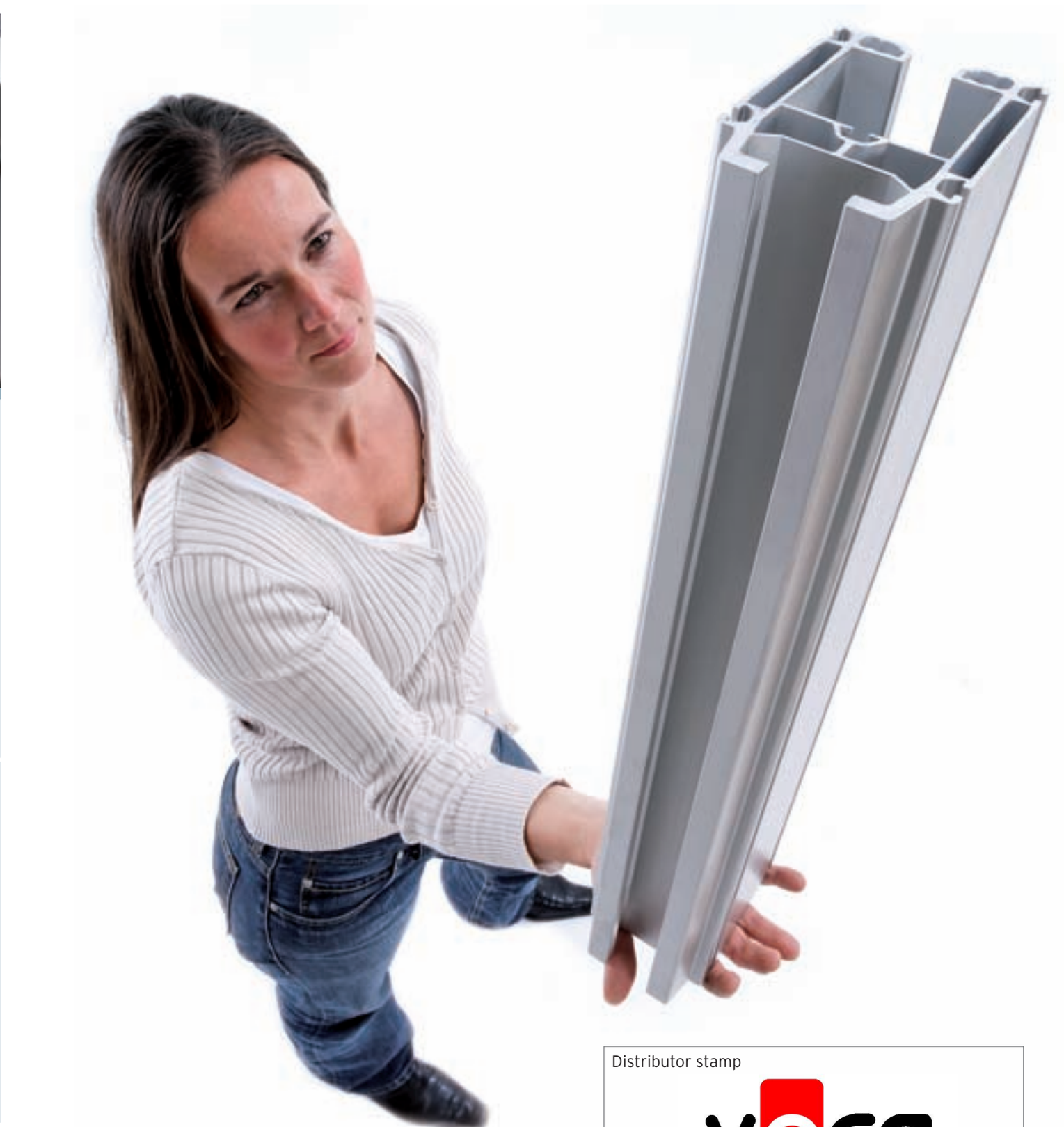

Distributor stamp

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