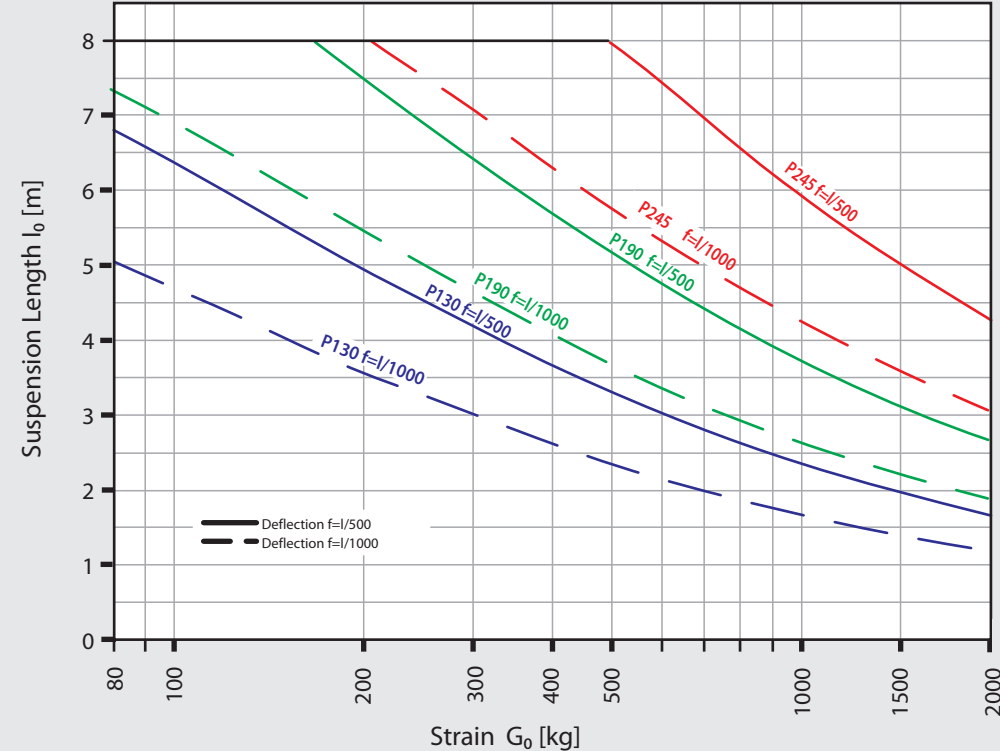


POLYGON PROFILES - LOAD DIAGRAM

PERMISSIBLE POLYGON GIRDER DEFLECTIONS UNDER LOAD X



Limit load curve deflexion $f = 1/500$ - only suitable for chain hoist applications
Limit load curve deflexion $f = 1/1000$ - suitable for handling manipulators

SALES

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- EX-ES, Port Elizabeth, South Africa
- SADE, Harbin, China



STRÖDTER
PRODUCT FILMS
ON INTERNET



STRÖDTER
ON INTERNET

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THE ALTERNATIVE TO
STEEL CONSTRUCTION

ROLLYXPLUS+

ENERGY
SUPPLY

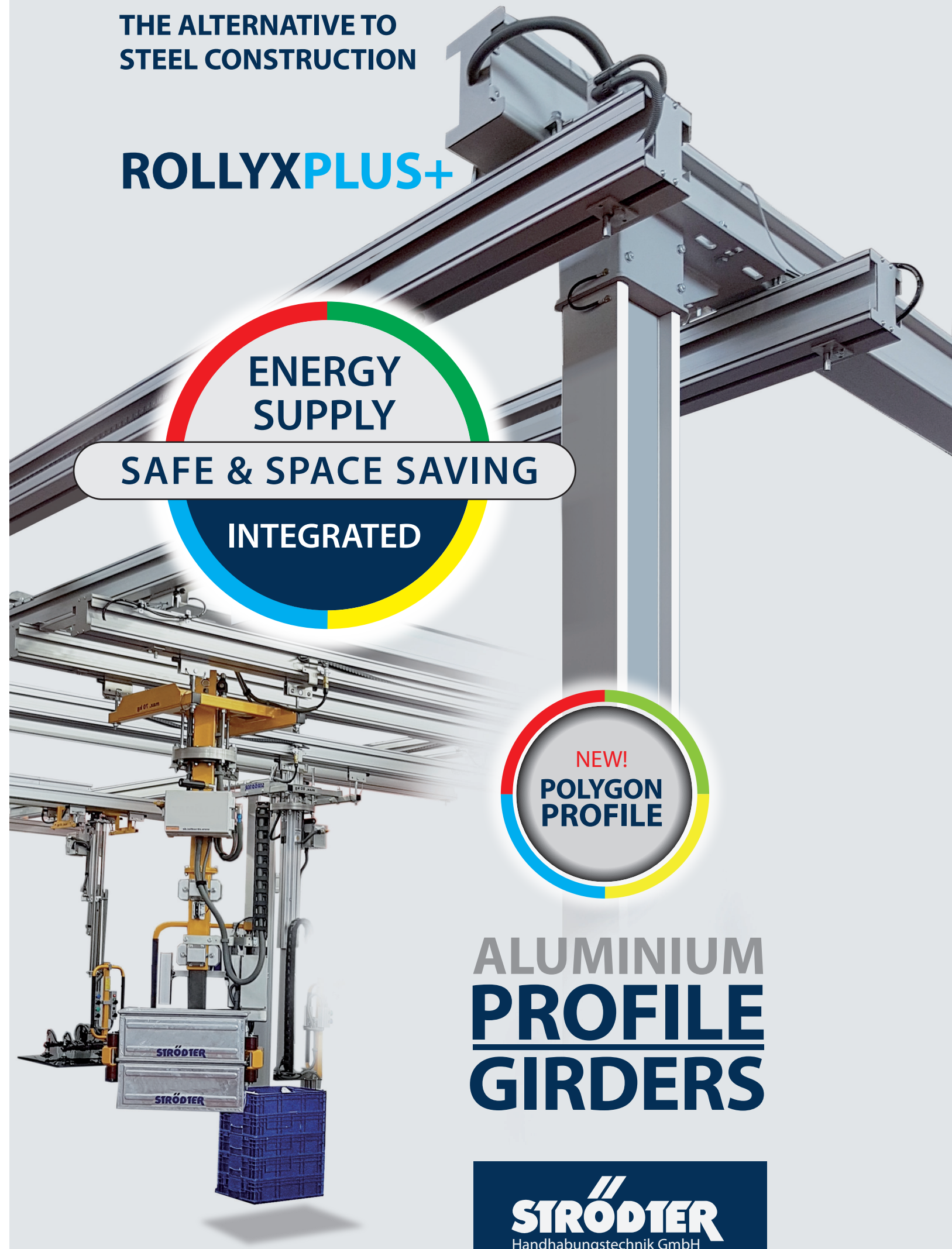
SAFE & SPACE SAVING

INTEGRATED

NEW!
POLYGON
PROFILE

ALUMINIUM
**PROFILE
GIRDERS**

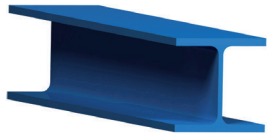
STRÖDTER
Handhabungstechnik GmbH



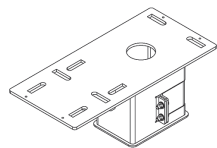
THE ALTERNATIVE TO STEEL CONSTRUCTION

ALUMINIUM

CONVENTIONAL STEELBEAMS WITH HIGH WEIGHT!



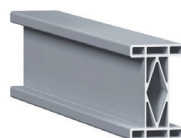
INNOVATION! POLYGONAL GIRDERS MADE OF LIGHT ALUMINIUM



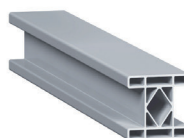
SUPPORT HEAD
[Steel]



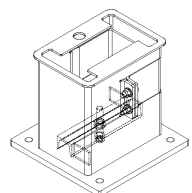
P245
[Aluminium]



P190
[Aluminium]



P130
[Aluminium]



CARRIER FOOT
[steel]

NOVELTY!

STRÖDTER introduces a new product, aluminium profile girders with the STRÖDTER designation

POLYGON-PROFILE

to the market.

Profile girders in lightweight construction, with which conventional steel beams, e.g. IPE and HEA profiles, can be replaced. The future realization of portals will be considerably easier.

THE PRINCIPLE

3 profile sizes are available: (P130, P190 and P245)

These profiles are available as semi-finished products or as modular systems with connectors and suspensions.

The POLYGON girders are available from STRÖDTER as semi-finished products in lengths of 4 m, 5 m, 6 m, 7 m and 8 m or as fixed length dimensions and also in a finished version.

Available from non-binding stock at short notice!

UP TO 70% LESS WEIGHT

(to comparable IPE profiles)

PROFILE GIRDERS

LIGHTER THAN STEEL

- up to 70% lighter than steel beams
- easy to carry and mount by 2 fitters, depending on beam length

FUNCTIONAL

- The polygon girders are connected using the modular principle with clamp connections, pluggable and clampable suspensions from the STRÖDTER range of accessories

HUGE ADVANTAGE

- Ideal for many construction sites: In contrast to steel beams, the polygon profile system does not require cranes or forklifts.
- The polygon profile system can also be set up quickly, easily and simply in inaccessible places in production halls without great time expenditure

MORE POSSIBILITIES

- The lightweight polygon profiles are ideal as ceiling girders for suspension from hall ceilings, as the profile girders are considerably lighter than steel beams

- the permissible static loads can therefore still be maintained and fulfilled

MATERIAL ADVANTAGE

- the clean surface of a polygonal girder has the advantage that the time-consuming surface treatment of steel beams is completely eliminated. No mill scale, tinder or rust has to be removed by sandblasting the beams
- the supports with anodised finish are available in natural aluminium and many powder-coated coloured versions (the painting process, such as 1 x priming and 1 x finishing for steel beams is completely omitted)

FUNCTIONAL

- the hollow ducts of the polygonal profile are ideal for laying energy supply systems and/or air and power outputs and air or power lines. These components are also part of the STRÖDTER-delivery range
- In conjunction with the new **ROLLYXPLUS+** rail system, a clean, clear solution for the energy supply system
- Height levelling device of the support feet allows easy adjustment of the support beams to 0-level



INTEGRATED ENERGY SUPPLY SYSTEM!

(POLYGON-PROFILE AND ROLLYXPLUS+)

ASSEMBLY ALSO WITHOUT CRANE/FORKLIFT

(depending on beam length)

ROLLYXPLUS+

POLYGON-GIRDERS

Well planned:
THE STRÖDTER RANGE OF ACCESSORIES