

HANDLING TECHNOLOGY

ERGONOMICALLY

STRÖDTER ERGONOMICS

Adaptation of work to humans.



**TURNKEY
HANDLING
WORK STATIONS**



FOR THE
WEIGHT RANGE
FROM 5 - 1000 kg

**STRÖDTER
STANDARD
GENERAL
INDUSTRY**

**STRÖDTER
STANDARD
AUTOMOTIVE
INDUSTRIE**

3 STRÖDTER-FACTS!

**WE GET
LOADS FLOATING
ON AIR**

STRÖDTER
Handhabungstechnik GmbH

The 3 STRÖDTER- facts, that make an ergonomic work possible:

Manual handling of loads may lead to diseases of the musculoskeletal system due to unfavorable body posture.

Frequently adopted incorrect body postures and handling of loads are possible reasons for the development of degenerative disorders of the spine, intervertebral disks and joints. Stress, such as pressure and strain or twisting, which are physically demanding for the body, must be avoided.

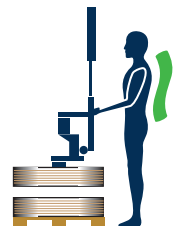
1 **Pneumatic balance control** for the handling of KLT-boxes in a floating condition and standing position



The pneumatic balancing control, which allows the load weight to float and thus allows the operator to lift and guide handling parts directly via handrail without effort.

ADVANTAGE:
No transport and positioning strain

2 **The extended double handrail** for handling parts in a floating condition and standing position



The extended handrail makes it possible to guide the gripper to the handling part in a standing posture, to position it on the load and to grip it. The gripping automatically adjusts the balance, the weight compensation for the handling part is switched on.

ADVANTAGE:
No bending and stretching, to prevent strain on the back

3

Two-hand guide

Direct handrail operation



Safety-related vantages of the double handrail for two-hand guidance and operation of control buttons for clamping, releasing, swivelling and rotating.

The control buttons for CLAMPING and RELEASE of the gripper as two-hand safety control are located in the immediate vicinity to the hands and can easily be operated by thumb. While control buttons are pressed, both hands remain on the handrail and are thus in safe distance to the clamping unit, pivoting and rotating device.

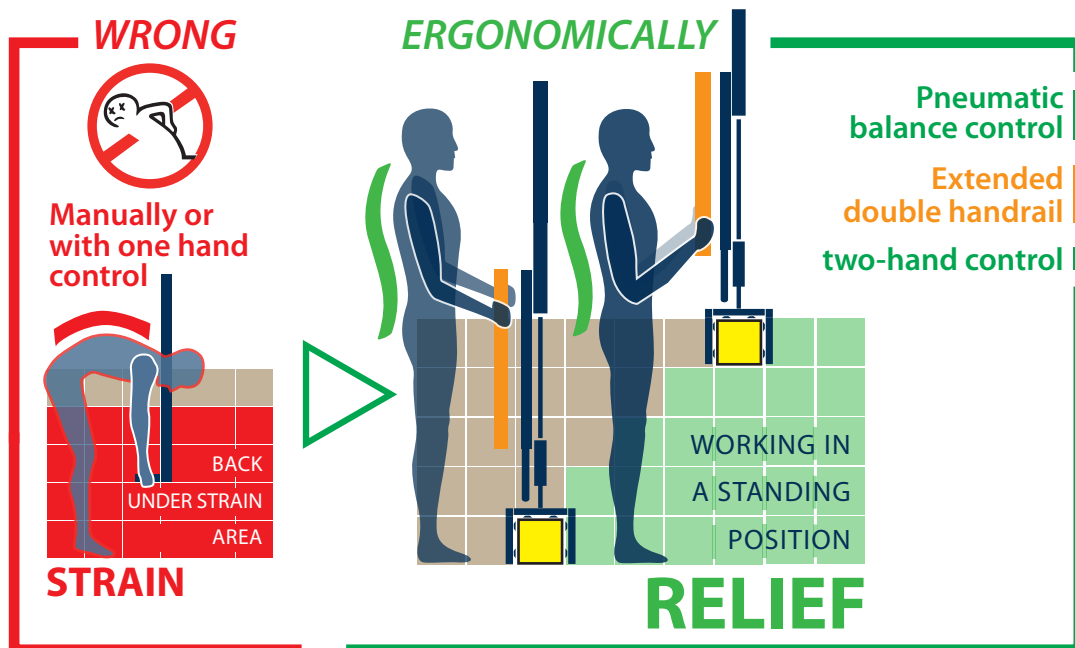
ADVANTAGE:

Symmetrical body posture and homogenous physical movements without twisting the spine.

Conclusion:

The extended handrail as an ergonomic double handrail is the better solution compared to the one hand control handle. The one-hand control unit cannot offer all the advantages of two-hand control.

The unilateral strain of the human body by the one-hand control handle leads to permanent damage to health. If ergonomics, then rather STRÖDTER!





SERVICE LOCATIONS GERMANY

Branch office Bavaria

85375 Neufahrn-Mintraching

phone: +49 (0) 700 20 13 00 00

fax: +49 (0) 8165 92 41 64 3

e-mail: by@stroedter.de

Branch office Baden-Württemberg

70794 Filderstadt

phone: +49 (0) 700 20 11 00 00

fax: +49 (0) 711 12 03 06 21

email: bw@stroedter.de

Branch office South/West

67240 Bobenheim-Roxheim

phone: +49 (0) 700 20 12 00 00

fax: +49 (0) 623 9 9 96 55 81

email: sw@stroedter.de

Branch office North

27798 Hude

phone: +49 (0) 700 20 14 00 00

fax: +49 (0) 448 49 20 43 7

email: no@stroedter.de

Branch office East

04299 Leipzig

phone: +49 (0) 700 20 10 00 00

fax: +49 (0) 342 92 64 13 7

email: sn@stroedter.de

BRANCH OFFICES WORLDWIDE

Branch office Hungary

LK-Hatec Kft., 6060 Tiszakécske

phone: +36 76 54 00 30

fax: +36 76 54 00 31

email: info@lk-hatec.com

Branch office South Africa

STRÖDTER Handling Systems SA

East London, South Africa

phone: +27 74 849 49 50

email: southafrica@stroedter.de

Branch office Netherland

STRÖDTER Handling Systems NL

AE Venlo, Kaldenkerweg 28

mobile: +31 77 3333 004

email: nederland@stroedter.de

TURNKEY!

PLANNING + STEELWORK + RAIL SYSTEM + MANIPULATOR + GRIPPER + INSTALLATION



STRÖDTER
PRODUCT FILMS
ON INTERNET



STRÖDTER
ON INTERNET



PARTNERS WORLDWIDE

STATECH, Geraardsbergen, Belgium

PRITEC AB VACULYFT, Fjärås, Sweden

DACO, Vitoria-Gasteiz, Spain

HELIX Systems, Homewood, AL, USA

EX-ES, Port Elizabeth, South Africa

SADE, Harbin, VR China

www.ergonomics-stroedter.com

STRÖDTER Handhabungstechnik GmbH • Gabelsbergerstraße 6 • 59069 Hamm
GERMANY • phone: +49 (0) 23 85 - 9 21 21-0 • fax: +49 (0) 23 85 - 9 21 21-21
email: info@stroedter.de • Homepage: www.stroedter.de • www.rollyx.de

STRÖDTER
Handhabungstechnik GmbH

ROLLYX
SCHIENENSYSTEM