PRODUCT OVERVIEW
ABOUT US
QUALITY “MADE IN GERMANY”

Based on an innovative product policy, we produce high-quality products tailored to our customers’ needs. Our efficiency is due to optimal production operations and qualified personnel. Continuous service readiness and further development are the bases of our success.

We use our experience and competencies to meet your requirements. With more than 10,000 projects realized in various industries, we always strive to collaborate with our customers and partners on a trustful and long-term basis.

Customer satisfaction is our motor and motivation. We develop customized solutions for every set of requirements, from individual parts up to serial production.
YOUR ADVANTAGES
FORWARD-LOOKING IDEAS | WORLD-CLASS PRODUCTS

Design & quality
Innovative design and high quality „Made in Germany“

Wide variety
Comprehensive portfolio for almost all branches of industry

Service & advice
Optimal service and competent advice from a highly qualified team of engineers and technicians

Innovation
Combinable modular system compatible with all common drive concepts

Efficiency
Short delivery periods and high availability due to optimized work processes and an enterprise resource planning (ERP) system

Flexibility
Customized solutions from individual parts up to serial production
PRODUCT OVERVIEW

ALLM 203, 204
Mechanical system with roll guides outside of profile. Driven by linear motor.

ALLR 203, 204 non-driven
Mechanical system with roll guides outside of profile.

Repeating accuracy: ± 0,05mm
Velocity: v ≤ 8 m/s

ALLZ 203, 204
Mechanical system with roll guides outside of profile. Belt driven

Repeating accuracy: ± 0,1 mm
Velocity: v ≤ 5 m/s

ALLZQ 203, 204
Mechanical system with roll guides outside of profile. Rack and pinion driven

Repeating accuracy: ± 0,1 mm
Velocity: v ≤ 5 m/s

CLL 60
Expanded positioning system of the LL 60 series with elegantly rounded outer edges and internal roller guide. The system is driven either by highly precise threaded spindles or a timing belt.

This unit is ideal for the system build-up of housings with minimum component requirements. Developed for building large-size delta 3D printers.

The CLLT/K unit is driven either by a trapezoidal threaded spindle or a ball screw spindle. The carriage of the CLLZ system is moved by means of a revolving interior timing belt.

Repeating accuracy: ± 0,1 mm
Velocity: v ≤ 6 m/s
PRODUCT OVERVIEW

EGT/EGK 30, 40, 60, 80
Mechanical system with plastic prismatic guides.
System is driven by an integrated trapezoidal thread or ballscrew.

Repeating accuracy:
Trapezoidal thread: ± 0,2 mm
Ballscrew: ± 0,025 mm

EGTH/EGKH 40, 60, 80
Mechanical telescopic system with plastic prismatic guides.
System is driven by an integrated trapezoidal thread or ballscrew. Result is a telescopic movement.

Repeating accuracy:
Trapezoidal thread: ± 0,2 mm
Ballscrew: ± 0,025 mm

EHT/EHK 60, 80
The rotary motion of the threaded spindle is converted into a linear motion of the pressure tube. Due to the piston rod principle, high axial forces can be realised, e. g. for shelf and dosing applications.

Repeating accuracy:
Trapezoidal thread: ± 0,2 mm
Ballscrew: ± 0,025 mm

EHTX 60, 80
The rotary motion of the threaded spindle is converted into a linear motion of the pressure tube. Thanks to a piston rod mounted in parallel, high axial forces can be realised, e. g. for shelf and dosing applications.

Repeating accuracy:
Trapezoidal thread: ± 0,2 mm

EHTXex 80
This positioning system is suitable for use according to the intended purpose in potentially explosive areas.
2014/34/EU (ATEX)
II 2G Ex h IIB T4 Gb
-20 °C ≤ Ta ≤ 60 °C
PRODUCT OVERVIEW

**ELR** 30, 40, 60, 60S, 80, 80S, 100, 125 *non-driven*
**ELRZ** 30, 40, 60, 60S, 80, 80S, 100, 125 *non-driven*
**ER** 30, 40, 60, 60S, 80, 80S, 100, 125 *non-driven*

Mechanical system with roll guides outside of profile.

**E** 40, 60, 60S, 80, 80S *non-driven*
Mechanical system with roll guides outside of profile.

**UL** 40, 60, 80 *non-driven*
Mechanical system with roll guides inside of profile.

**ELZA** 40
**ELDZA** 60, 60S, 80, 80S, 100

Same function as ELSZ. A rack is mounted onto the leading profile. A pinion gear is fitted to the carriage.

Repeating accuracy: ± 0,2 mm
Velocity: $v \leq 3$ m/s

**ELFZ 60S, 80S, 100, 125**
Special lifting system with roll guides outside of profile. System is driven by one rotating timing belt with one drive. The function corresponds to a simple pulley block.

Repeating accuracy: ± 0,1 mm
Velocity: $v \leq 4$ m/s

**ELFZex 60S, 80S, 100, 125**
Special lifting system with roll guides outside of profile. System is driven by one rotating timing belt with one drive. The function corresponds to a simple pulley block. This system is additionally ATEX 2014/34/EU certified.

Repeating accuracy: ± 0,1 mm
Velocity: $v \leq 1$ m/s
PRODUCT OVERVIEW

ELHZ 60, 60S, 80, 80S, 100, 125
Mechanical system with roll guides outside of profile. System is driven by an internal belt. Position of shaft is horizontal to the carriage.

Repeating accuracy: \( \pm 0.1 \text{ mm} \)
Velocity: \( v \leq 8 \text{ m/s} \)

ELSD 40, 60, 60S, 80, 80S, 100
Same function as ELHZ. An additional turning shaft is integrated into the leading profile. Grippers and other components can be adapted to the shaft.

Repeating accuracy: \( \pm 0.1 \text{ mm} \)
Velocity: \( v \leq 6 \text{ m/s} \)

ELSZ 30, 40, 60, 60S, 80, 80S, 100, 125
Same function as ELZ, but with driven carriage.

Repeating accuracy: \( \pm 0.1 \text{ mm} \)
Velocity: \( v \leq 6 \text{ m/s} \)

ELVZ 60, 60S, 80, 80S, 100, 125
Mechanical system with roll guides outside of profile. System is driven by an internal belt. Position of shaft is vertical to carriage.

Repeating accuracy: \( \pm 0.1 \text{ mm} \)
Velocity: \( v \leq 8 \text{ m/s} \)

ELT/ELK 30, 40, 60, 60S, 80, 80S, 100, 125
Mechanical system with roll guides outside of profile. System is driven by an integrated trapezoidal thread or ballscrew.

Repeating accuracy:
Trapezoidal thread: \( \pm 0.2 \text{ mm} \)
Ballscrew: \( \pm 0.025 \text{ mm} \)
**PRODUCT OVERVIEW**

**ELZ/ELZex 30, 40, 60, 60S, 80, 80S, 100, 125**

Mechanical system with roll guides outside of profile. System is belt driven. ELZex like ELZ. The positioning system is suitable for use according to the intended purpose in potentially explosive areas (see ATEX 2014/34/EU marking).

Repeating accuracy: \( \pm 0.1 \text{ mm} \)
Velocity: \( v \leq 10 \text{ m/s} \)
(ELZex: \( v \leq 1 \text{ m/s} \))

**ELZ 60-W, 60S-W**

Mechanical linear unit with external roller guides. Due to the rectangular profile higher torques and loads can be taken up. In addition, a very high stability and low deflection are ensured for long axis systems.

Repeating accuracy: \( \pm 0.1 \text{ mm} \)
Velocity: \( v \leq 10 \text{ m/s} \)

**ELZD 60-W, 60S-W**

Mechanical linear unit with external roller guides. Two carriages, which are driven individually by a timing belt, move along the guide body independently of one another. Due to the rectangular profile higher torques and loads can be taken up. In addition, a very high stability and low deflection are ensured for long axis systems.

Repeating accuracy: \( \pm 0.1 \text{ mm} \)
Velocity: \( v \leq 10 \text{ m/s} \)

**ELZG 30, 40, 60, 60S, 80, 80S**

Mechanical system with 2 roll guides outside of profile. System is driven by one rotating timing belt. At each end of this belt a carriage is fixed. Result is two carriages moving in opposite direction over the complete length of the leading the profile.

Repeating accuracy: \( \pm 0.1 \text{ mm} \)
Velocity: \( v \leq 10 \text{ m/s} \)

**ELZI 30, 40, 60**

X/Z gantry consisting of a double guide in the horizontal X level and a vertical Z axis. The unit is driven by a rotating belt, which remains connected through various deflection points.

Repeating accuracy: \( \pm 0.5 \text{ mm} \)
Velocity: \( v \leq 5 \text{ m/s} \)
**PRODUCT OVERVIEW**

**ELZQ 60, 80, 80S**
Special lifting unit with function as ELZA. High dynamic and accuracy is achieved by a precision rack and pinion.

- **Repeating accuracy:** ± 0,1 mm
- **Velocity:** \( v \leq 3 \text{ m/s} \)

**ELZT 40, 60, 60S, 80, 80S, 100**
Same function as ELZ. Two carriages are moving in different directions. Result is a telescopic movement.

- **Repeating accuracy:** ± 0,1 mm
- **Velocity:** \( v \leq 6 \text{ m/s} \)

**ELZU 30, 40, 60, 60S, 80, 80S, 100**
Surface portal, consisting of 2 Y-axes and 1 X-axis, driven by one rotating belt. This belt runs around different deflection pulleys. Positioning is achieved by two motors. The coordinate is diagonal to the deflection points of the Y-axes.

- **Repeating accuracy:** ± 0,5 mm
- **Velocity:** \( v \leq 6 \text{ m/s} \)
- **Acceleration:** max. 20 m/s²

**ELZU 60-W, 60S-W**
Surface gantry consisting of two Y-axes and one reinforced X-axis. The unit is driven by a rotating belt, which remains connected through various deflection points. Due to the reinforced rectangular profile higher torques and loads can be taken up. In addition, a very high stability and low deflection are ensured for long axis systems. Advantage: Only small masses are moved and thus it is possible to achieve high accelerations.

- **Repeating accuracy:** ± 0,5 mm
- **Velocity:** \( v \leq 6 \text{ m/s} \)
- **Acceleration:** max. 20 m/s²
PRODUCT OVERVIEW

ELZZ 60, 60S, 80, 80S, 100, 125
Same function as ELZ, but each carriage with separate drive. Divided pulleys have separate bearings, so two parallel moving belts are connected each with one carriage.

Repeating accuracy: ± 0,1 mm
Velocity: v ≤ 5 m/s

DLM/DLVM 120, 160, 200
Mechanical system with double roll guides inside of profile. Driven by linear motor.

Repeating accuracy: ± 0,1 mm
Velocity: v ≤ 8 m/s

DLR 120, 160, 200 non-driven
Mechanical system with double roll guides inside of profile.

Velocity: v ≤ 6 m/s

DLSZ 120, 160, 200
Mechanical system with roll guides inside of profile. Same function as DLZ but with driven carriage.

Repeating accuracy: ± 0,1 mm
Velocity: v ≤ 6 m/s

DLT/DLK 120, 160, 200
Mechanical system with double roll guides inside of profile. System is driven by an integrated trapezoidal thread or ballscrew.

Repeating accuracy:
Trapezoidal thread: ± 0,2 mm
Ballscrew: ± 0,025 mm
PRODUCT OVERVIEW

DLT/DLK 120 P, 160 P, 200 P
Mechanical system with double roll guides inside of profile. System is driven by an integrated trapezoidal thread or ballscrew. A special curved aluminium sheet is covering the carriage side.

Repeating accuracy:
Trapezoidal thread: ± 0,2 mm
Ballscrew: ± 0,025 mm

DLVZ 120, 160
Mechanical system with roll guides inside of profile. System is driven by an internal belt. Position of shaft is vertical to carriage.

Repeating accuracy: ± 0,1 mm
Velocity: \( v \leq 6 \) m/s

DLZ 120, 160, 200
Mechanical system with roll guides inside of profile. System is driven by an internal belt.

Repeating accuracy: ± 0,1 mm
Velocity: \( v \leq 6 \) m/s

DLZA 120, 160, 200
Rack and pinion system for high dynamic operations.

Repeating accuracy: ± 0,2 mm
Velocity: \( v \leq 3 \) m/s

DLZPVI 120, 160, 200
This unit consists of a rectangular aluminium profile with 2 integrated roller guides. The carriage is moved by a belt drive. On the drive side the pulley is beared on the shaft of a planetary gear. A special curved aluminium sheet is covering the carriage side.

Repeating accuracy: ± 0,1 mm
Velocity: \( v \leq 6 \) m/s
PRODUCT OVERVIEW

DSM 160P
Mechanical system with a double integrated ball rail inside of profile. Driven by linear motor, but with a covered guide profile. A special curved aluminium sheet is covering the carriage side. Enclosed with a stainless steel casing and components.

Repeating accuracy: ± 0,02 mm
Velocity: v ≤ 6 m/s

DLZPVIE 120, 160, 200
This unit consists of a rectangular aluminium profile with 2 integrated roller guides. The carriage is moved by a belt drive. On the drive side the pulley is beared on the shaft of a planetary gear. A special curved aluminium sheet is covering the carriage side. Enclosed with a stainless steel casing and components.

Repeating accuracy: ± 0,1 mm
Velocity: v ≤ 6 m/s

DLZZ 120, 160, 200
Mechanical system with roll guides inside of profile. Each carriage with separate drive. Divided pulleys have separate bearings, so two parallel moving belts are connected each with one carriage.

Repeating accuracy: ± 0,1 mm
Velocity: v ≤ 6 m/s

DSM 160, 200
Mechanical system with a double integrated ball rail inside of profile. Driven by linear motor.

Repeating accuracy: ± 0,02 mm
Velocity: v ≤ 8 m/s

DSM 160P
Mechanical system with a double integrated ball rail inside of profile. Driven by linear motor, but with a covered guide profile.

Repeating accuracy: ± 0,02 mm
Velocity: v ≤ 6 m/s

DSR 120, 160, 200 non-driven
Mechanical system with a double integrated ball rail inside of profile.

Velocity: v ≤ 6 m/s
**PRODUCT OVERVIEW**

**DSSZ 120, 160, 200**
Mechanical system with a double integrated ball rail inside of profile. Same function as DSZ but with driven carriage.

*Repeating accuracy:* ± 0,1 mm  
*Velocity:* \( v \leq 6 \text{ m/s} \)

**DST/DSDK 120, 160, 200**
Mechanical system with a double integrated ball rail inside of profile. System is driven by an integrated trapezoidal thread or ballscrew.

*Repeating accuracy:*  
Trapezoidal thread: ± 0,2 mm  
Ballscrew: ± 0,025 mm

**DST/DSDK 120 P, 160 P, 200 P**
This unit consists of a rectangular aluminium profile with 2 integrated rail guides. The carriage is driven by means of a rotating spindle with leading nut. A special curved aluminium sheet is covering the carriage side.

*Repeating accuracy:*  
Trapezoidal thread: ± 0,2 mm  
Ballscrew: ± 0,025 mm

**DSZ 120, 160, 200**
Mechanical system with a double integrated ball rail inside of profile. System is driven by an internal belt.

*Repeating accuracy:* ± 0,1 mm  
*Velocity:* \( v \leq 6 \text{ m/s} \)

**DSZA 160, 200**
Mechanical system with a double integrated ball rail inside of profile. The carriage is driven by a pinion on a high precision rack. The rack and pinion system is suitable for highly dynamic servo operation and ideal for lifting movements. The pinion is equipped with maintenance-free ball bearings.

*Repeating accuracy:* ± 0,1 mm  
*Velocity:* \( v \leq 5 \text{ m/s} \)
PRODUCT OVERVIEW

**DSZPVI 120, 160, 200**
Mechanical system with a double integrated ball rail inside of profile. System is driven by an internal belt. One pulley is beared on a planetary gear shaft.

Repeating accuracy: ± 0,1 mm
Velocity: \( v \leq 6 \text{ m/s} \)

**DSZPVIE 120, 160, 200**
Mechanical system with a double integrated ball rail inside of profile. System is driven by an internal belt. One pulley is beared on a planetary gear shaft. Enclosed with a stainless steel casing and components.

Repeating accuracy: ± 0,1 mm
Velocity: \( v \leq 6 \text{ m/s} \)

**DSZS 120, 160, 200**
Same funktion as DSSZ but with fixed drive under the profile.

Repeating accuracy: ± 0,1 mm
Velocity: \( v \leq 6 \text{ m/s} \)

**DSZS 120 P, 160 P, 200 P**
Mechanical system with a double integrated ball rail inside of profile and with fixed drive under the profile. A special curved aluminium sheet is covering the carriage side.

Repeating accuracy: ± 0,1 mm
Velocity: \( v \leq 6 \text{ m/s} \)

**DSZZ 160, 200**
Mechanical system with a double integrated ball rail inside of profile. Each carriage with separate drive. Divided pulleys have separate bearings, so two parallel moving belts are connected each with one carriage.

Repeating accuracy: ± 0,1 mm
Velocity: \( v \leq 6 \text{ m/s} \)
PRODUCT OVERVIEW

GGT / GGK 90
Spindle axis for wheelchair lifting systems, lifting platforms and other lifting applications. Mechanical linear unit with two internal sliding guides. The carriage is moved by means of a rotating thread spindle with an assigned follower nut. The openings in the guide body are closed by a plastic cover band.

Repeating accuracy:
- Trapezoidal thread: ± 0.2 mm
- Ball screw: ± 0.025 mm

GDGT/GDGK 90
Optimized spindle axis for lift systems, bicycle assembly stands and other lifting applications. Mechanical linear unit with internal sliding guides. The guide carriages are moved by means of threaded spindles. The double “GG” profile ensures a very high stability.

Repeating accuracy:
- Trapezoidal thread: ± 0.2 mm
- Ball screw: ± 0.025 mm

LLN 60
Mechanical linear unit with an integrated roller guide. The system is driven by a revolving knobbed belt. The knobbed belt is self-tracking and has a very low operating noise level thanks to its knobs being offset by 45°. Furthermore, it is almost vibration-free in the transition sections.

Repeating accuracy: ± 0.1 mm
Velocity: \( v \leq 6 \text{ m/s} \)

LLZ 60, 80
The guide body consists of an aluminium square profile, with an integrated roller guide. The carriage is moved by means of an internal rotating toothed belt.

Repeating accuracy: ± 0.1 mm
Velocity: \( v \leq 6 \text{ m/s} \)

LLZE 60
Function like LLZ 60, but with a stainless steel casing and components.

Repeating accuracy: ± 0.1 mm
Velocity: \( v \leq 6 \text{ m/s} \)
**PRODUCT OVERVIEW**

**LSN 60**
Mechanical linear unit with internal rail guide. The system is driven by a revolving knobbled belt. The knobbled belt is self-tracking and has a very low operating noise level thanks to its knobs being offset by 45°. Furthermore, it is almost vibration-free in the transition sections.

- Repeating accuracy: ± 0.1 mm
- Velocity: $v \leq 6$ m/s

**LSZ 60, 80**
The guide body consists of an aluminium square profile, with an integrated rail guide. The carriage is moved by means of an internal rotating toothed belt.

**LSZ 60, 80 HP**
Function like LSZ. Positioning system with very high accuracy.

- Repeating accuracy: ± 0.1 mm
- Velocity: $v \leq 6$ m/s

**LSZE 60**
The guide body consists of an aluminium square profile, with an integrated rail guide. The carriage is moved by means of an internal rotating toothed belt. With a stainless steel casing and components.

- Repeating accuracy: ± 0.1 mm
- Velocity: $v \leq 6$ m/s

**LLR 60, 80** *non-driven*
Mechanical system with roll guides.

**LSR 60, 80** *non-driven*
Mechanical system with an integrated ball rail inside of profile.

- Velocity: $v \leq 6$ m/s

**MLN 60, 60S**
Mechanical linear unit with external roller guides. The system is driven by a nobbed belt guided within the guide profile. The nobbed belt is self-tracking and has a very low operating noise level thanks to its nobs being offset by 45°. Furthermore, it is almost vibration-free in the transition sections.

- Repeating accuracy: ± 0.1 mm
- Velocity: $v \leq 8$ m/s
PRODUCT OVERVIEW

MLZ 60, 60S, 80, 80S, 100
Mechanical system with roll guides outside of profile. The system is driven by a belt that is guided inside the profile.

Repeating accuracy: ± 0.1 mm
Velocity: \( v \leq 8 \text{ m/s} \)

MLZ 60-W, 60S-W
Mechanical linear unit with external roller guides. Due to the rectangular profile higher torques and loads can be taken up. In addition, a very high stability and low deflection are ensured for long axis systems.

Repeating accuracy: ± 0.1 mm
Velocity: \( v \leq 8 \text{ m/s} \)

MLZD 60-W, 60S-W
Mechanical linear unit with external roller guides. Due to the rectangular profile higher torques and loads can be taken up. In addition, a very high stability and low deflection are ensured for long axis systems. Two guide carriages, each with its own drive, move along the guide body.

Repeating accuracy: ± 0.1 mm
Velocity: \( v \leq 8 \text{ m/s} \)

QLR 60, 80, 100 non-driven
Mechanical system with roll guides inside of profile.

Velocity: \( v \leq 6 \text{ m/s} \)

QLZ 60, 80, 100
Mechanical system with roll guides inside of profile. System is driven by a belt which is guided within the profile. This unit is suitable for cleanroom applications (Clean room classification: VDI 2083, class 4; ISO 14644-1, class 6; US Federal Standard 209E, class 1.000)

Repeating accuracy: ± 0.1 mm
Velocity: \( v \leq 6 \text{ m/s} \)
**PRODUCT OVERVIEW**

**QLZE 60, 80, 100**
Like QLZ, but enclosed with a stainless steel casing and components.

- **Repeating accuracy:** $\pm 0.1$ mm
- **Velocity:** $v \leq 4$ m/s

**QSR 60, 80, 100, 125** *non-driven*
Mechanical system with an integrated ball rail inside of profile.

- **Velocity:** $v \leq 6$ m/s

**QSRZ 60, 80, 100, 125** *non-driven*
Same function as QSZ, but without drive.

- **Repeating accuracy:** $\pm 0.1$ mm
- **Velocity:** $v \leq 6$ m/s

**QLZE 60, 80, 100** *non-driven*
Like QLZ, but enclosed with a stainless steel casing and components.

- **Repeating accuracy:** $\pm 0.1$ mm
- **Velocity:** $v \leq 4$ m/s

**QSSZ 60, 80**
Same function as QSZ, but with driven carriage.

- **Repeating accuracy:** $\pm 0.1$ mm
- **Velocity:** $v \leq 6$ m/s
**PRODUCT OVERVIEW**

**QST/QSK 60, 80, 100**
Mechanical system with an integrated ball rail inside of profile. System is driven by an integrated trapezoidal thread or ballscrew.

*Repeating accuracy:*
- Trapezoidal thread: ± 0,2 mm
- Ballscrew: ± 0,025 mm

**QST/KE 60, 80, 100**
Mechanical system with an integrated ball rail inside of profile. System is driven by an integrated trapezoidal thread or ballscrew, but enclosed with a stainless steel casing and components.

*Repeating accuracy:*
- Trapezoidal thread: ± 0,2 mm
- Ballscrew: ± 0,025 mm

**QSZ 60, 80, 100, 125**
Mechanical system with an integrated ball rail inside of profile. System is driven by a timing belt which is guided within the profile.

*Repeating accuracy:* ± 0,1 mm
*Velocity:* $v \leq 6$ m/s

**QSZE 60, 80, 100**
Mechanical system with an integrated ball rail inside of profile. System is driven by a timing belt which is guided within the profile, but enclosed with a stainless steel casing and components.

*Repeating accuracy:* ± 0,1 mm
*Velocity:* $v \leq 4$ m/s

**QSZT 60, 80, 100**
Linear unit consisting of two parallel QSZ axes. The carriage moves along the guide body via a rail guide and is driven by toothed belts; the special connection of the two toothed belts results in a telescopic movement. This linear system is designed for high loads.

*Repeating accuracy:* ± 0,2 mm
*Velocity:* $v \leq 3$ m/s
PRODUCT OVERVIEW

SLTR/SLTZA 30, 50
Heavy Duty Traverse without drive (SLTR) and with rack and pinion drive (SLTZA).

Repeating accuracy:  ± 0,1 mm
Velocity: v ≤ 5 m/s

WGVZ / WKVZ 16
This positioning system is guided either by means of ball bushings (WKVZ) or sliding bushings (WGVZ). The carriage is moved by means of a revolving vertical timing belt. The open arrangement ensures that no dirt can accumulate in the interior parts. Optionally, the unit is also available with two carriages (right/left).

Repeating accuracy:  ± 0,1 mm
Velocity: v ≤ 10 m/s

WGT/K / WKT/K 16
This positioning system is guided either by means of ball bushings (WK) or sliding bushings (WG). The carriage is moved by means of a rotating thread spindle. The open arrangement ensures that no dirt can accumulate in the interior parts. Optionally, the unit is also available with two carriages (right/left).

Repeating accuracy:
- Trapezoidal thread:  ± 0,2 mm
- Ballscrew:  ± 0,025 mm

SLTR/SLTZA 30, 50
Heavy Duty Traverse without drive (SLTR) and with rack and pinion drive (SLTZA).

Repeating accuracy:  ± 0,1 mm
Velocity: v ≤ 5 m/s

WGVZ / WKVZ 16
This positioning system is guided either by means of ball bushings (WKVZ) or sliding bushings (WGVZ). The carriage is moved by means of a revolving vertical timing belt. The open arrangement ensures that no dirt can accumulate in the interior parts. Optionally, the unit is also available with two carriages (right/left).

Repeating accuracy:  ± 0,1 mm
Velocity: v ≤ 10 m/s

WGT/K / WKT/K 16
This positioning system is guided either by means of ball bushings (WK) or sliding bushings (WG). The carriage is moved by means of a rotating thread spindle. The open arrangement ensures that no dirt can accumulate in the interior parts. Optionally, the unit is also available with two carriages (right/left).

Repeating accuracy:
- Trapezoidal thread:  ± 0,2 mm
- Ballscrew:  ± 0,025 mm
Your specialist for modular positioning systems

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