

LINEAR UNITS

Quick guide



About us

L-SYSTEM has solid experience in selling mechanics and automation components to the Nordic and European markets, something we've done since 1974.



Let's talk!

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#wearelssystem



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OMEGA UNITS

LTZ50 series - robust linear units with rail guide

- Compact design, the width of the profile 50 mm
- Rail guide system, size -15-
- Double carriage design for high load
- Omega type belt for vertical applications
- Recirculating ball rail guide for heavy loads



LTZ55 series - compact linear units with internal rail guide

- Compact design, the width of the profile 55 mm
- Internal recirculating ball rail guide size -15 -
- Double carriage design for heavier loads
- Toothed belt type 25 AT5
- Omega belt type; perfect for vertical applications



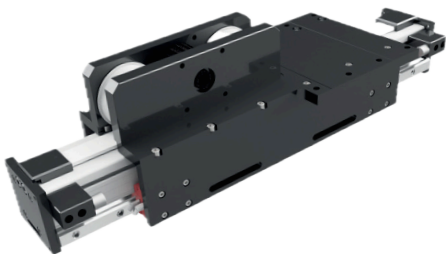
LTZ80 series - compact linear units with internal rail guide

- Internal guide linear units, width of the profile 80 mm
- Internal recirculating ball rail guide size - 20 - for heavy loads
- Double carriage design for heavier loads
- Toothed belt type 32 AT10
- Omega belt type; perfect for vertical applications



LTZ80S series - compact linear units with internal rail guide

- Internal guide linear units, width of the profile 80 mm
- Internal recirculating ball rail guide size - 20 - for heavy loads
- Quattro carriage design for heavier loads
- Toothed belt type 32 AT10
- Omega belt type; perfect for vertical applications



LT50 series - robust linear units with wheel or rail guide

- Compact design, the width of the profile 50 mm
- Guide system of guide wheels or rail guide, size -15-
- G8 guide wheel systems very resistant to pollution
- Recirculating ball rail guide for heavy loads



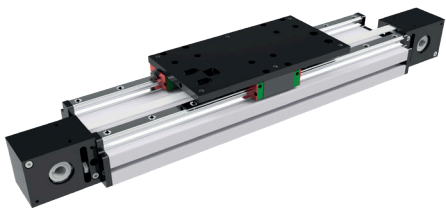
LT2 series - robust linear units with wheel or rail guide

- Compact design, the width of the profile is 60 mm
- Guide system of guide wheels or rail guide, size -20-
- Toothed belt type AT10, 16 mm wide
- C8 guide wheel system is very resistant to pollution
- Recirculating ball rail guide for heavy loads



LTY series - linear units with double guide rail

- Basic extrusion profile 45 x 135 or 45 x 180 mm
- Double rail guide system size -20- with 3 or 4 LM blocks
- Very heavy load capacity
- Toothed belt type AT10, 16 or 25 mm wide



EXTERNAL GUIDE UNITS

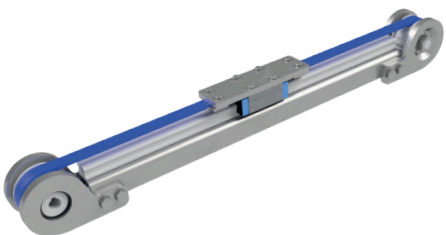
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STAINLESS STEEL UNITS

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LTi series - robust corrosion resistant linear units

- Open design, the width of the profile 45 or 55 mm
- Rail guide system, size -20- or double carriage for highload load
- C-rail guide size 45
- Toothed belt type 16AT10 in FDA blue version
- All components in inox
- Clean design



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INTERNAL UNITS

LT55 series - compact linear units with internal rail guide

- Compact design, the width of the profile 55 mm
- Internal recirculating ball rail guide size -15 -
- Double carriage design for heavier loads
- Toothed belt type 25 AT5



LT60S series - compact linear units with internal rail guide

- Compact design, width of the profile 60 mm
- Internal recirculating ball rail guide size -15-
- Double carriage design for heavier loads
- Toothed belt type 25 AT5
- Advanced internal lubrication system



LT80 series - compact linear units with internal wheel or rail guide

- Internal guide linear units, width of the profile 80 mm
- Internal recirculating ball rail guide size -20- for heavy loads
- Toothed belt type 32 AT10



LT80S series - compact linear units with internal rail guide

- Internal guide linear units, width of the profile 80 mm
- Internal recirculating ball guide size -20- for heavy loads
- Carriage length 220 or 280 mm
- Toothed belt type 32 AT10
- Advanced internal lubrication system



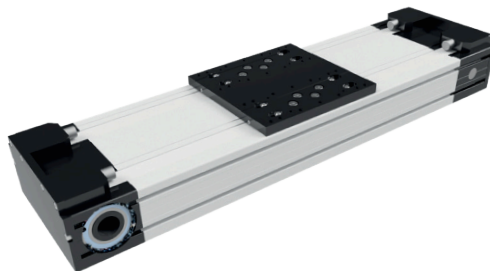
LT110S series - linear units with internal rail guide

- Internal guide linear units, width of the profile 110 mm
- Internal recirculating ball guide size -25- for heavy loads
- Carriage length 400 mm
- Toothed belt type 50 AT10
- Advanced internal lubrication system



LTY 200 series - linear units with a double internal guide rail

- Extrusion profile 80 x 200 mm
- Double rail guide system size -20- 4 LM blocks
- Very heavy load capacity
- 2x Toothed belt type AT10, 32 mm wide



MODULAR GUIDE UNITS

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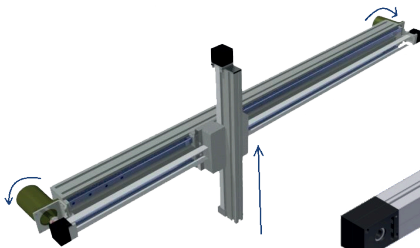
LTC series - linear units with toothed belt drive and guide wheel system

- Basic extrusion profile 45 x 90, 45 x 135 or 90 x 90 mm
- Guide system of hardened wheels on hardened shafts
- Toothed belt type AT10, 16, 25 or 50 mm wide
- Hardened and grinded V-shaped wheels
- Very resistant to pollution
- Endless different versions possible

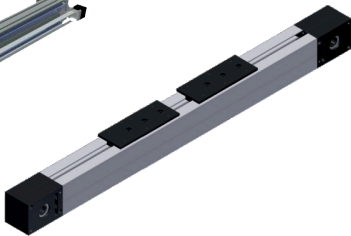


CUSTOMIZED LINEAR UNITS

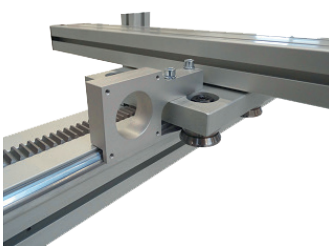
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LTO



LT60



LT88 RACK & PINION

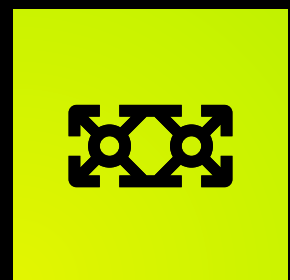
- We deliver **components & solutions.**

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