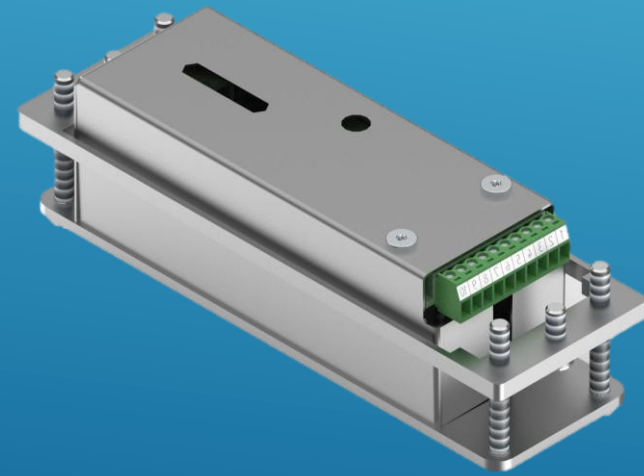
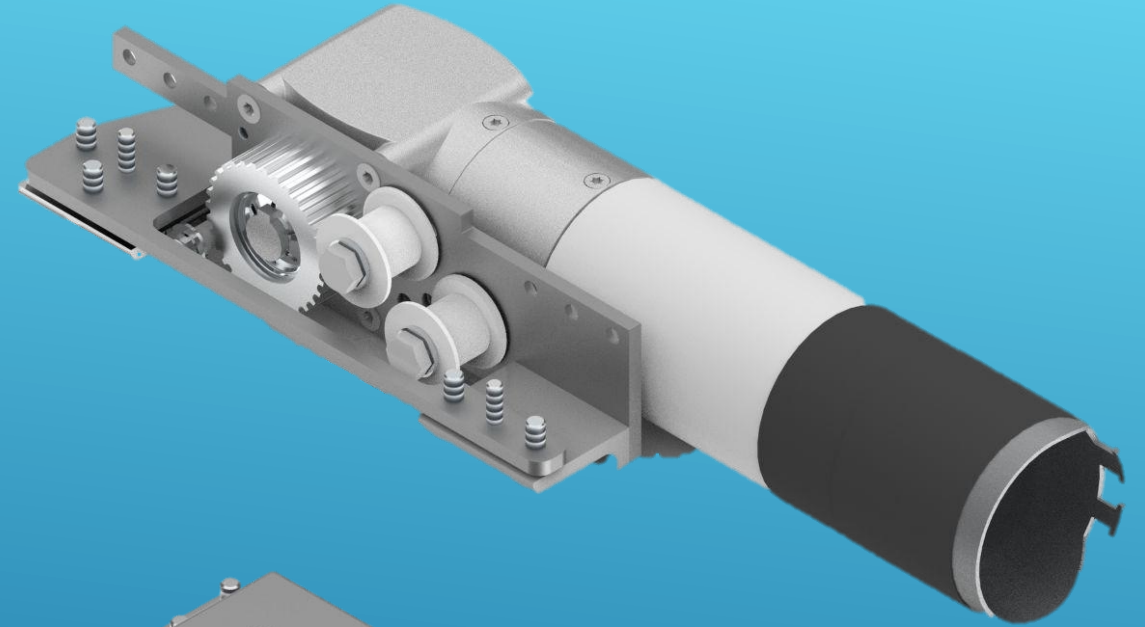




Liberda Antriebstechnik



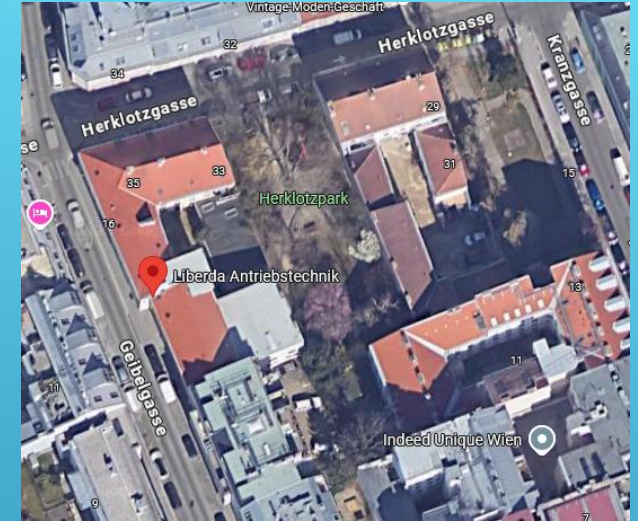


Company Overview

- Founded 1994 by Mr. Viktor Liberda
- Limited liability company
- currently ~ 30 employees
- Management:
 - CEO DI Marko Arzt
 - CFO Romana Schleinzer
- Two affiliated companies
 - Austria – Liberda Antriebstechnik GmbH
 - Slovakia – Liberda Sensortechnik k.s.
- over 30 years of experience in the field of motor/drives systems for frameless glass sliding doors (minimal windows) and fire protection doors
- Quality products Made in Austria


Liberda corporate group

- **Vienna**
 - Head Office
 - Production & Assembly
 - Research & Development
 - mechanical development
 - Quality management
 - Finance department
 - Logistics
- **Šamorín**
 - Electronic production
 - Electronic development
 - Electronic repairs
 - prototype production





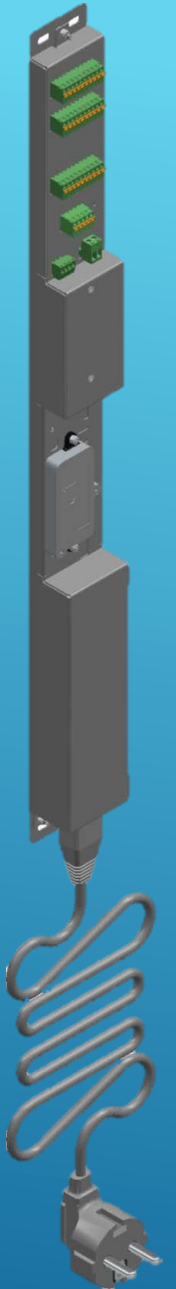
Productline – Classic Line

- Motor can be located in the upper or vertical profile
 - Vertical and horizontal toothed belt possible
 - Electronic located in the vertical profile or control cabinet
- 
- 3 sizes for different sash weights
 - Size 1 – up to 350 kg
 - Size 2 – up to 700 kg
 - Size 3 – up to 1200 kg
 - Mechanics tested for a 30-year service life



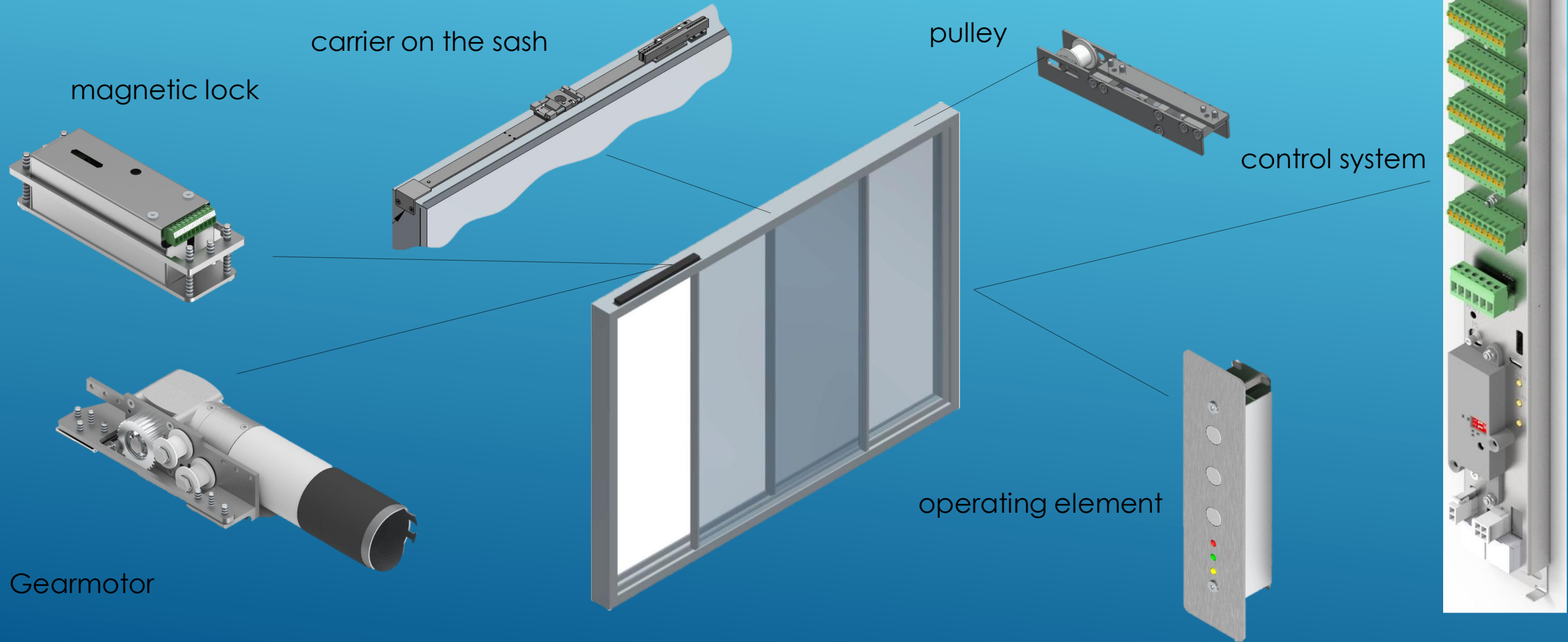
Productline – Classic Line

- We can cover a wide range of applications and installation cases with our system
- We customize our solution to your profile
- We manufacture our control system ourselves
- We develop new solutions on customer request





Overview of the system

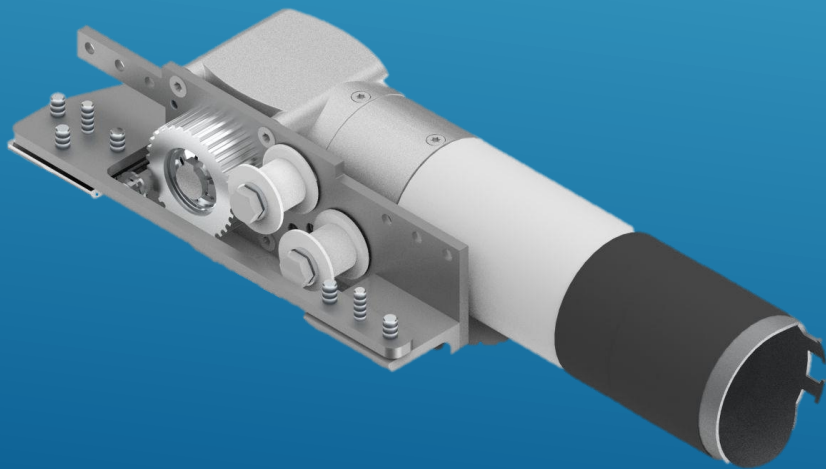




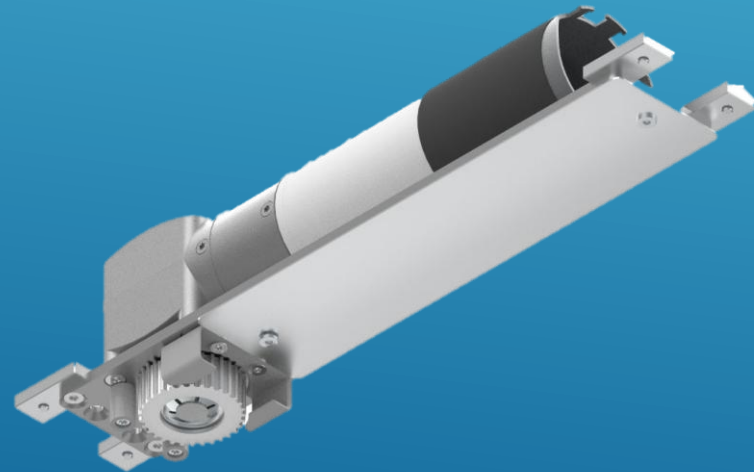
Classic Line – Space consumption

- The space required for the motor in the upper profile depends on the version

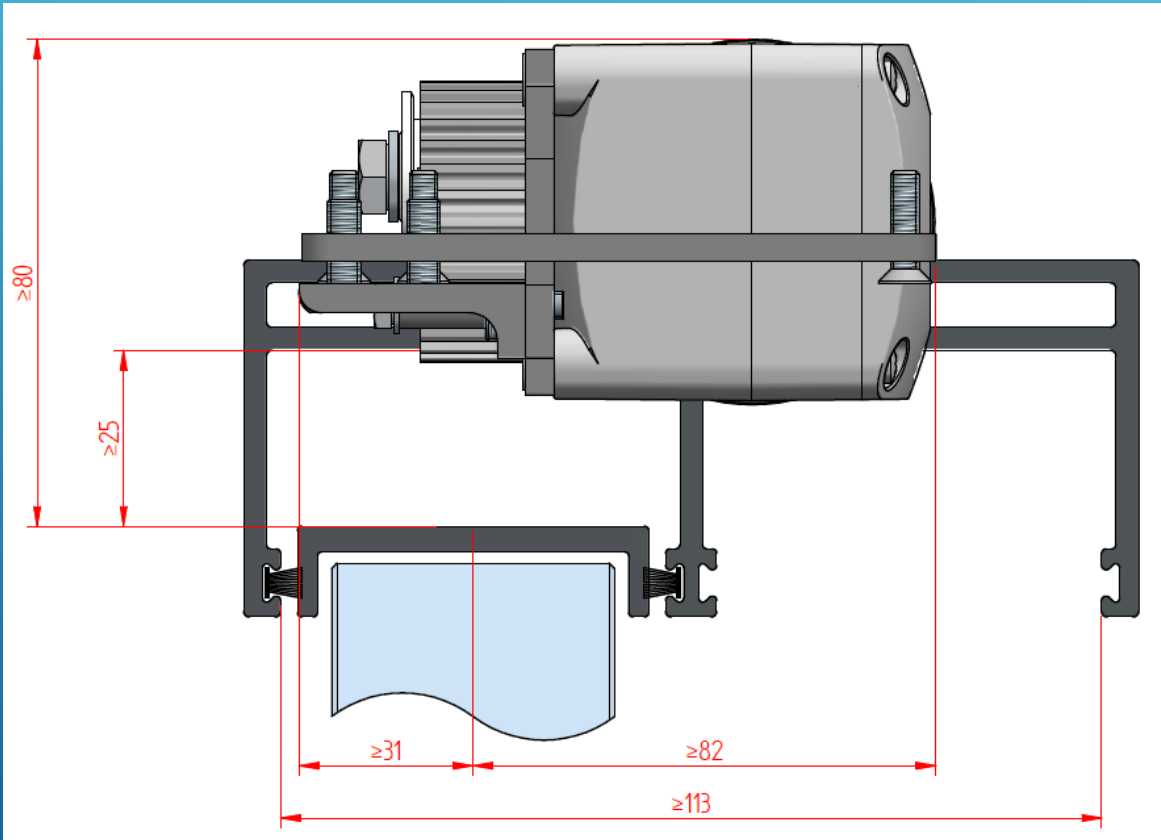
Horizontal tooth belt



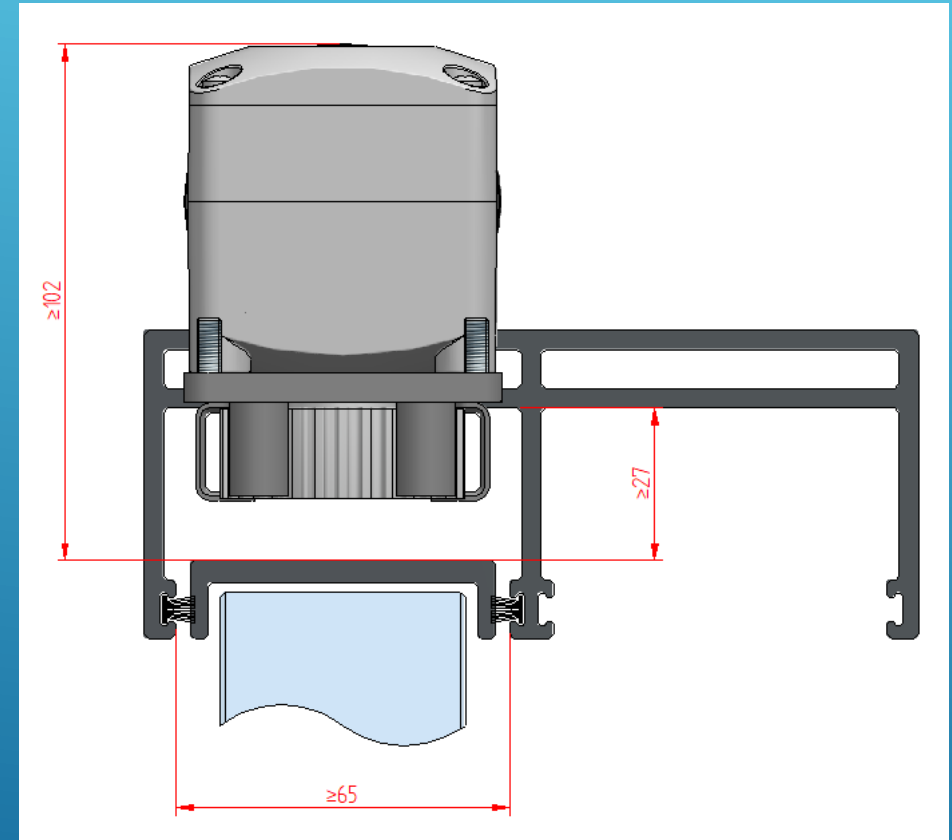
vertical tooth belt



Classic Line – Space consumption



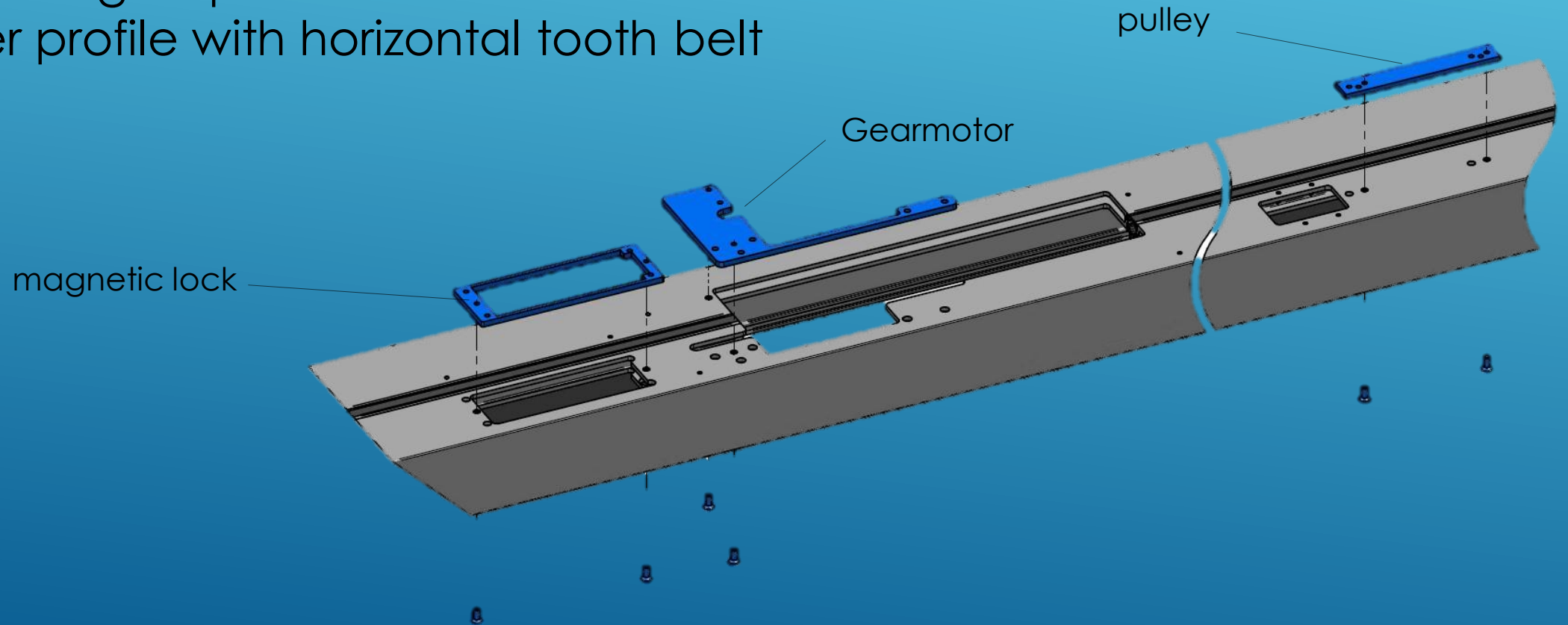
horizontal tooth belt



vertical tooth belt

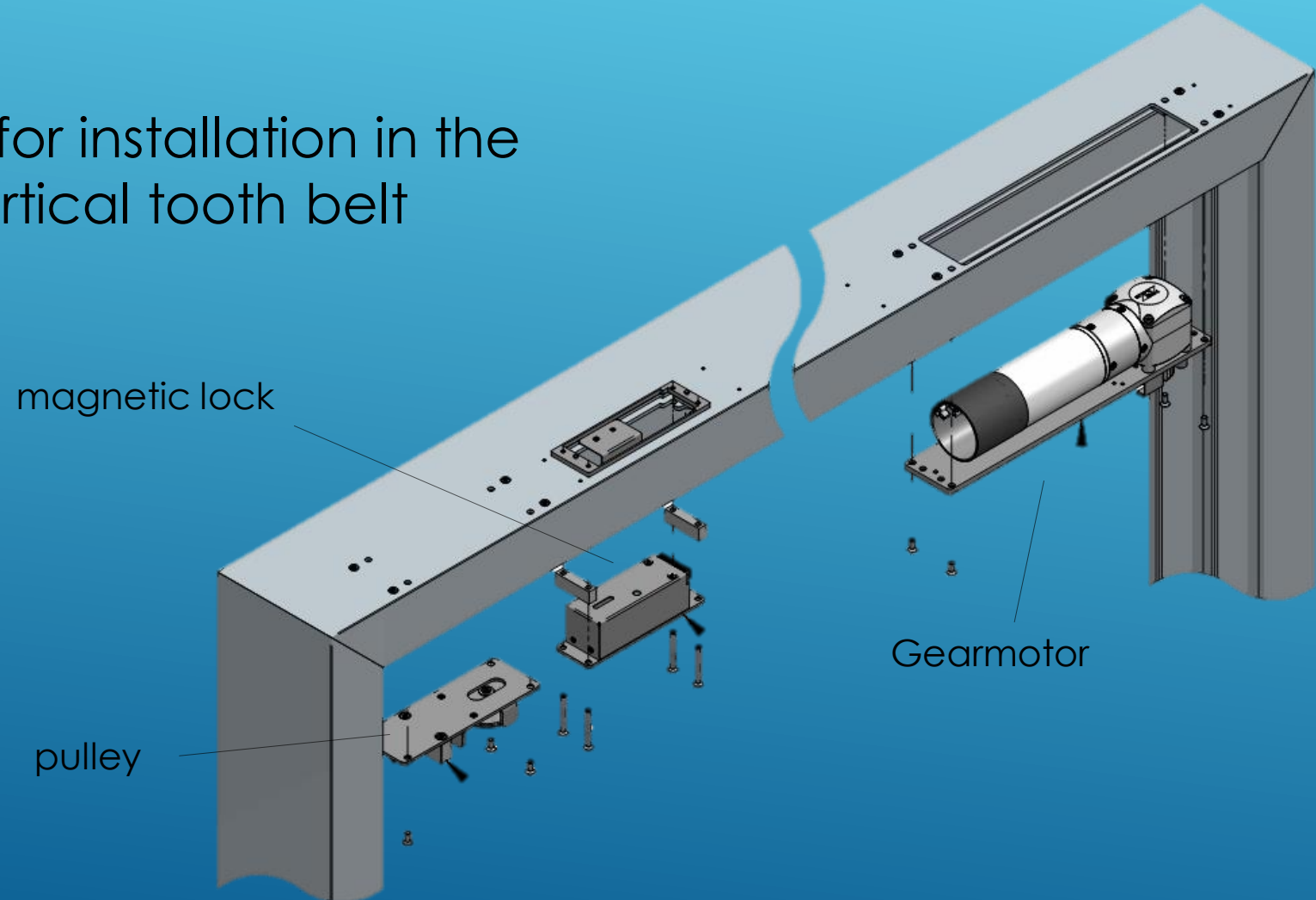
Millings and Drillings - Classicline

- Machining required for installation in the upper profile with horizontal tooth belt



Millings and Drillings - Classicline

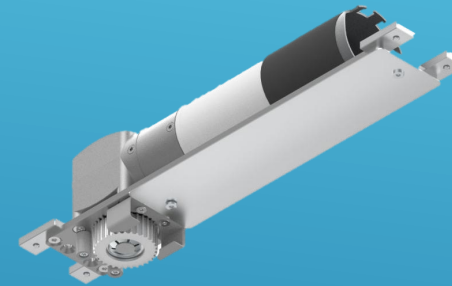
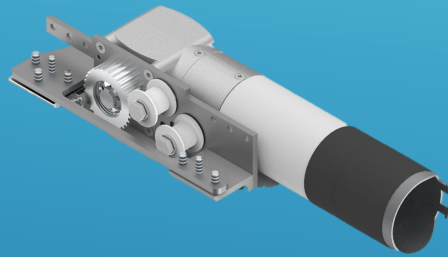
- Machining required for installation in the upper profile with vertical tooth belt





Classic Line

horizontal vs vertical tooth belt



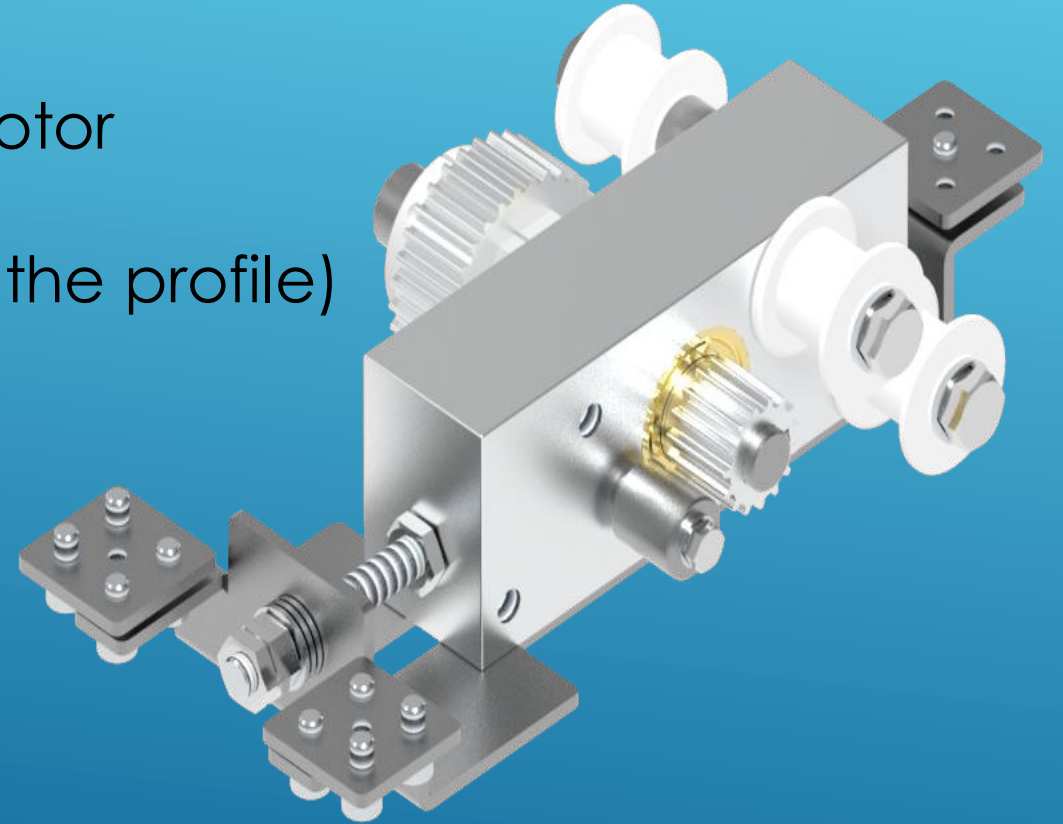
horizontal belt	vertical belt
Lower height	Smaller width
Greater width uses 2 tracks	Belt runs inside the profile
Complex milling	Simpler milling
Belt sags earlier	Easier placement of the drives
	Less space consumption in the track
	Higher installation height



Add-on Telescope gearbox

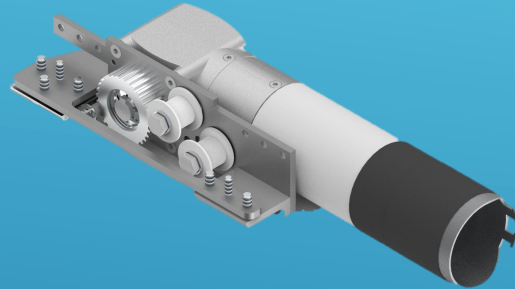
Advantages:

- Drive up to 3 sash with one motor
- greater stability (less milling in the profile)
- fewer control systems
- shorter tooth belts

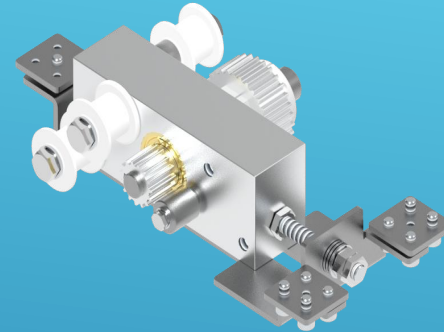


Add-on Telescope gearbox

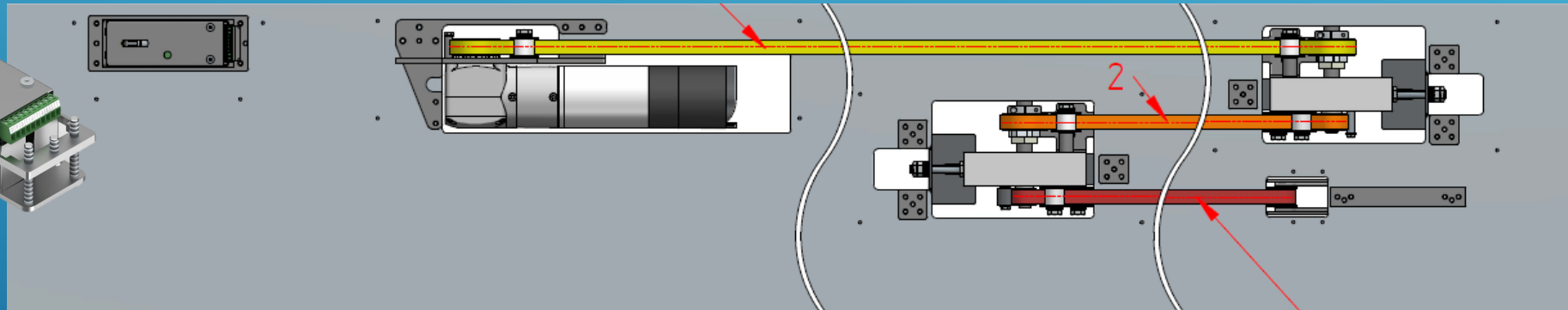
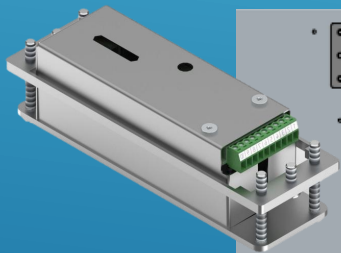
Gearmotor



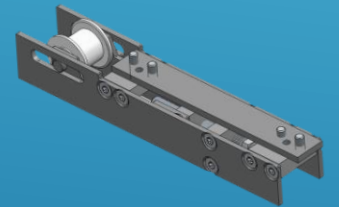
telescope gearbox 1:2



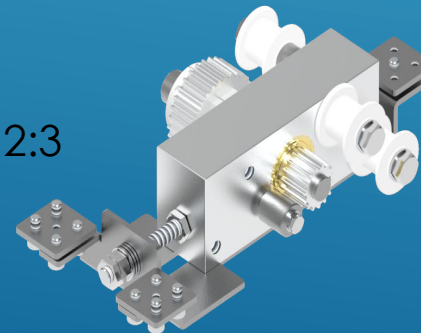
magnetic lock



pulley



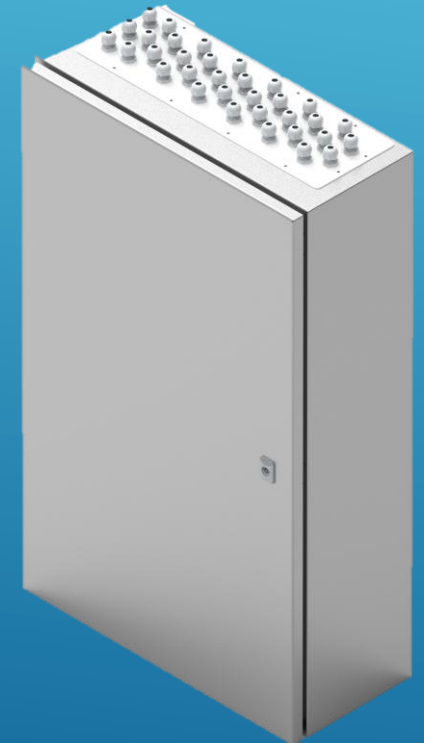
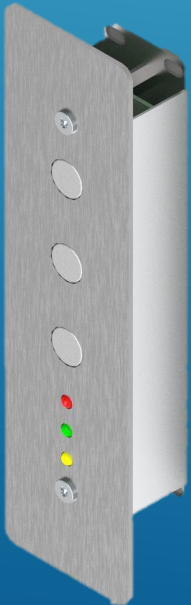
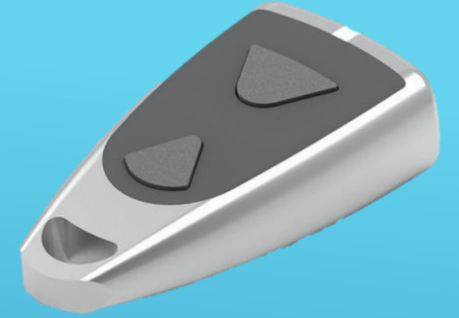
telescope gearbox 2:3





Accessories

- We offer a broad variety of Accessories like:
 - Radio transmitter
 - Remote maintenance options
 - Home automation system connection
 - Wifi option for the control system
 - Precisely fitting mounting brackets and fittings
 - Matching toothed belt
 - Prefabricated set articles
 - System prepared for plug & play

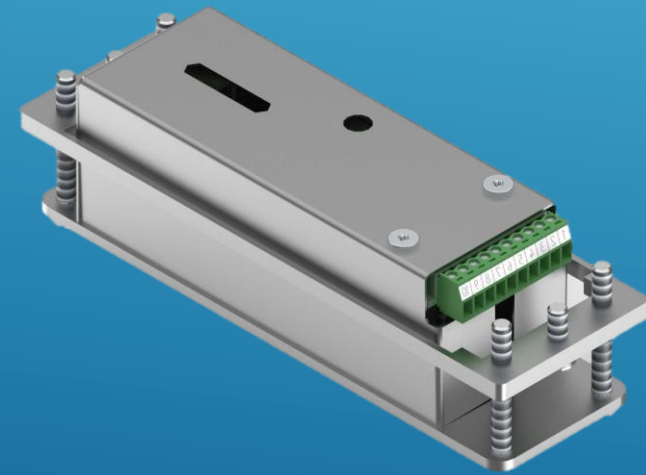
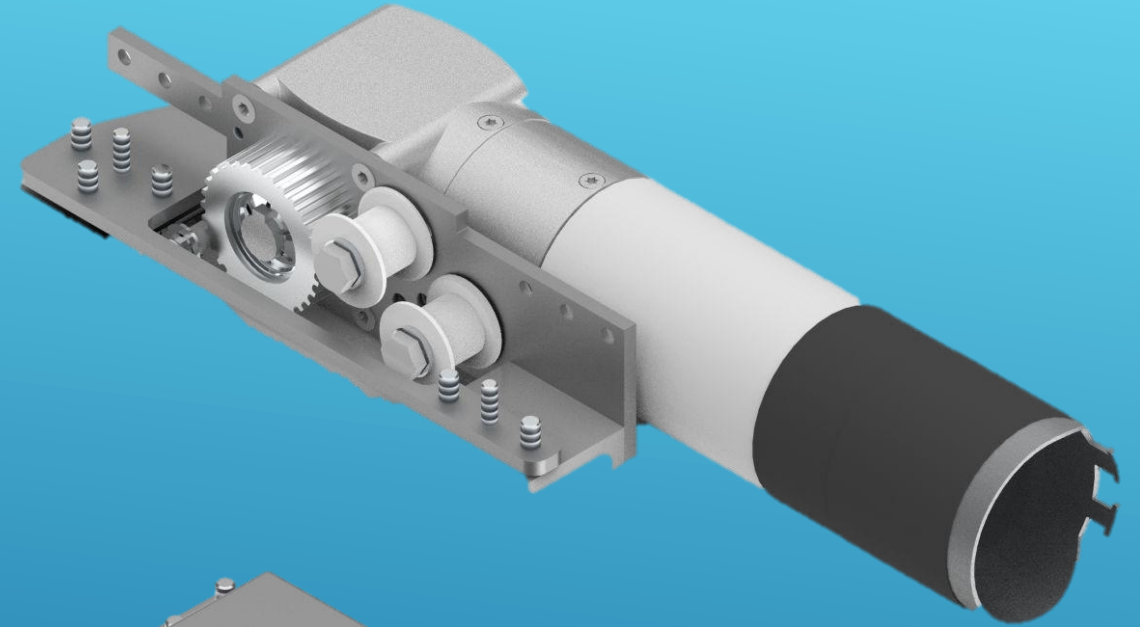




Contact Liberda

- Engineering / Sales
 - antriebe@liberda.eu
+43 1 895 32 44





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