5 Ways BRUsystem Outperforms

- **Experience smoother, quieter rides.** Our system is meticulously engineered to minimize noise and vibration at every critical point. The motor, the traction sheave–suspension media interface, and throughout the overall system design, ensuring superior passenger comfort
- **Guaranteed traction, every time.** Our offering delivers consistent, validated traction under rated conditions due to the optimal matching of traction sheave and suspension media that mix-and-match component stacks often cannot guarantee
- **With a higher power density of up to 30% than conventional motors**, our solution achieves more output in less space, ideal for modern building design where space efficiency matters.
- **Built to last.** Designed with higher safety factors and validated through lifetime analysis under various operating conditions, our system ensures dependable performance throughout its expected service life, in line with market standards
- **Thanks to lower current consumption and reduced input power requirements**, our traction motor design may allow the use of a lower-rated frequency converter (VFD), offering potential cost and space savings.

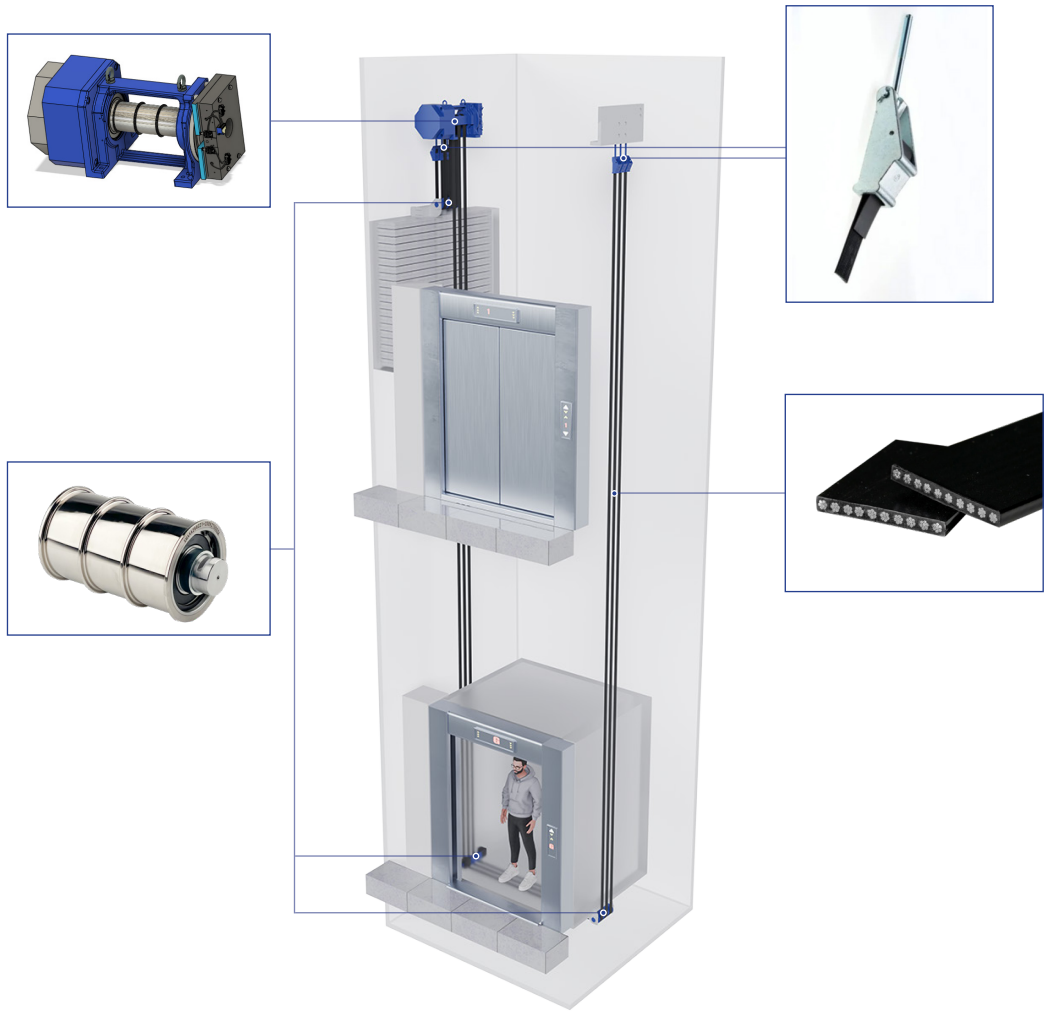
Explore our full range of solutions

BRUGG Lifting

BRUsystem

by lancor

motores eléctricos · electric motors



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Complete Engineered Traction Package

A comprehensive elevator drive package combining BRUGG Lifting's advanced suspension technologies (Belts or CTP ropes) with optimized mechanical and electrical components, including motor, traction sheave, brake, terminations, and diverter sheaves. Designed specifically for low-to-mid-rise applications with superior ride quality, safety, and efficiency.

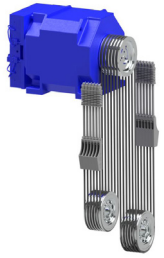
BRUGG Lifting and LANCOR have partnered together to provide a high quality drive system that is perfectly suited to BRUGG Lifting's coated ropes and belts. providing you the customer with industry leading performance and quality. Available exclusively from BRUGG Lifting only.

Solving Customer Challenges

- **OEMs:** Fill gaps in system engineering and certification requirements.
- **Integrators:** Simplify sourcing with pre-configured, performance-proven systems.
- **Modernization Providers:** Compact, efficient retrofitting packages with Swiss quality assurance.



BELT machine



CTP machine



BRUbelt



BRUrope Coated

BRUsystem: Shaping the Future

Beyond Products, Beyond Services, it's about Complete Solutions

Integrated Engineering Solution Package

Not just a component offering but a complete Traction Package Solution engineered and optimized for superior performance, maximum safety and minimal integration complexity.

Compact, Efficient, Easy

Space-saving MRL design, energy-efficient motor selections and fewer belts/ropes to reduce installation time and maintenance efforts.

Engineering Support

Empowering users to aim for the overall system development and not just focus on product competencies.

Partner in Innovation

Direct access to the coated-product technologies, quick adaptation to the market trends and expansion of the business portfolio even with limited resources.

BRUGG Lifting Brand

One source, complete ownership, Swiss Quality. Backed by 120+ years of excellence in developing and manufacturing elevator suspension media.

Parameter	1:1		2:1					
	BELT	CTP	BELT Light Duty	BELT Medium Duty	BELT Heavy Duty	CTP Light Duty	CTP Medium Duty	CTP Heavy Duty
Applicable Codes	ASME A17.1, EN81-20/50							
Passenger Capacity (kg)	≤ 630	≤ 525	≤ 907	≤ 1134	≤ 1588	≤ 907	≤ 1134	≤ 1588
Speed (m/s)	≤ 1.75		≤ 1.75					
Travel Height (m)	≤ 75		≤ 75					
Balancing	50%		50%					
Layout	MRL		MRL					
Suspension Medium	53kN	8.1 mm Rope	53 kN	53 kN	73 kN	8.1 mm Rope		
No. of Belts/Ropes	3	5	3	3	3	4	5	6
Brake Torque (Nm)	280	440	280	280	380	380	440	600