

Movement by Perfection

The Royal League in ventilation, control and drive technology



ZA topx

Highly efficient elevator motor with StPUBelt concept
for very slim construction lines

ZAtopx

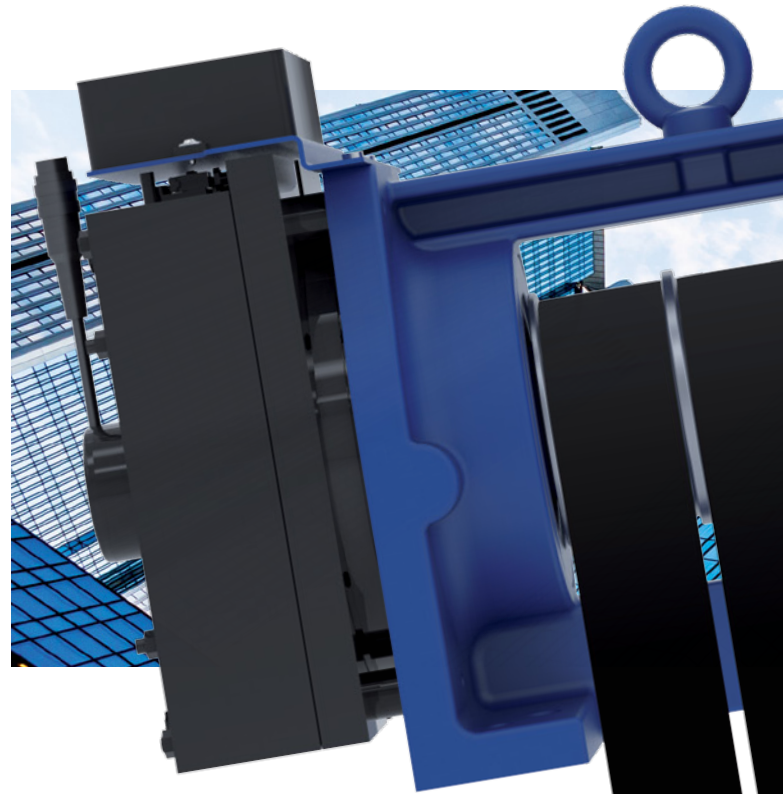
The new way to the top

The new way to the top is called **ZAtopx**.

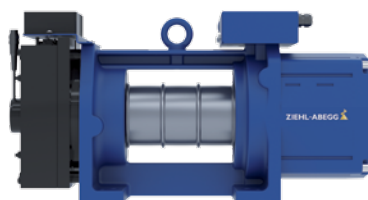
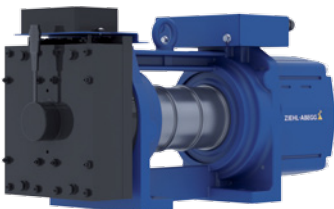
Our intelligent high-tech elevator machine with state-of-the-art St**P**UBelt (steel and PU belt) concept rounds out our existing extensive range of excellent elevator machines for every type of building, plant or anywhere where passengers or goods need to be transported up and down.

ZAtopx combines outstanding, highly efficient, quiet and durable motor power with very quiet, reliable operational performance and an impressively low noise level. The new elevator machine, with special, strong belts as the suspensions means, enables the use of traction shafts which have been **reduced down to 100mm** and, thus, installation in very slim construction lines.

This modern concept opens up entirely new architectural worlds for elevator planning, as less space required for the technology means more space for the cabin, interiors and passengers.



ZAtopx - The high-tech drive



TECHNICAL HIGHLIGHTS

ZAtopx

Highly efficient, gearless elevator machine with state-of-the-art concept for suspension means – St**P**UBelt steel and PU belt

- Elevator Directive 2014/33/EU
- 3-belt or 5-belt version
- Travelling speed up to 1.6 m/s
- Noise emission < 50dB(A)
- Traction shaft of 100 mm
- Payload up to 1050 kg / 14 people
- Travel distance 75 m



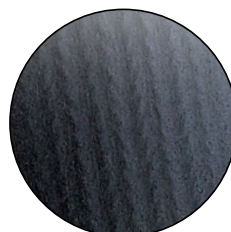


The new **ZAtopx** elevator machine with St**PUBelt** concept for the slimmest of installation situations

with belts for slim construction lines



10 compact and sturdy steel cables (St) embedded in state-of-the-art PU material round off the **ZAtopx** safety concept. St**PUBelt** steel and PU belts –



High-performance belts made of durable, highly abrasion-resistant, corrosion-free polyurethane material ensure homogeneous and quiet winding



even in the event of a potentially small bending radius and high tensile strength. **ZAtopx** is available with 3-belt or alternatively with 5-belt technology.





ZAtopx – Best fun
the sma

ZAtopx – The motor is essential for the belts

Let **ZAtopx** make your elevator concept a true experience for your customers! Impress them with noticeable quality, quiet running, maximum

energy efficiency and highest reliability during elevator operation.

ZAtopx is the new way to the top!

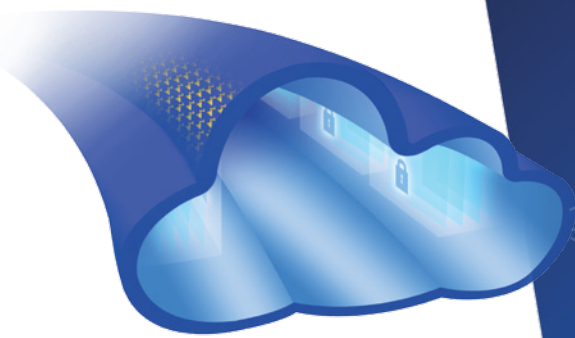
Innovative, flexible and compact **Advantages for every elevator project**

- Compact and quiet running elevators, even with the narrowest shaft dimensions
- Long travel distances without compensation rope
- No cabin guard rails when using a cabin that runs past the **ZAtopx**
- Quick and cost-effective installation of the StPUBelts
- Low operating costs due to utmost quality with long service life
- Extremely quiet winding





Functionality in
the smallest of spaces



360°
overview

ZAb bluegalaxy

The future of everything

With our intelligent cloud technologies, you can receive real-time insights about all of your networking-enabled devices, from frequency inverters and control systems through to entire elevator systems, just by clicking. Using highly intelligent functions you can monitor, communicate and analyse all the statuses of your devices or those of your customers, worldwide, no matter where you are. User interfaces can be used to manage the activity of your elevator systems. You can also use powerful digital options such as overview queries regarding the current status of your elevator (e.g. temperature, vibration, motor characteristic figures) to manage information on pre-emptive maintenance and services, and much more.



Expertise from a single source – The perfect combi

ZAdyn4C

Certified and tested functions

The intelligent frequency inverter for completely quiet and fault-free elevator operation

- Different compact designs allow for wall mounting in the machine room or elevator shaft
- Integrated line reactor & radio interference filter
- All interfaces already integrated
- Nominal current of 11 A – 74 A
- Operation of synchronous and asynchronous motors
- Operation without motor contactors with Safe Torque function Off function (STO) according to IEC 61800-5-2 (SIL 3)
- Automatic travel curve pre-assignment
- Extremely clear and simple menu structure on the extra ZApad operating terminal
- Low energy consumption thanks to regulated ventilation
- Counter for change in travel direction for elevators with plastic-sheathed cables or belts
- Easy to operate and start up





ZIEHL-ABEGG

Feel the **future**

Think eco – think economical energy costs **with blue technology**

Integration with frequency inverters from **ZIEHL-ABEGG**

Certified and
tested functions



ZA dynpro

Compact, high-power frequency inverter for when space is at a premium in elevator systems

- Allows for the smallest, space-saving control cabinets for elevator systems with or without machine room
- Individual control cabinet solutions
- Integrated radio interference filter
- External line reactor
- All interfaces already integrated
- Nominal current of 11 A – 74 A
- Operation of synchronous and asynchronous motors
- Operation without motor contactors with Safe Torque Off function (STO) according to IEC 61800-5-2 (SIL 3)
- Automatic travel curve pre-assignment
- Extremely clear and simple menu structure on the extra ZApadpro operating terminal
- Low energy consumption thanks to regulated ventilation
- Counter for change in travel direction for elevators with plastic-sheathed cables or belts
- Easy to operate and start up

The Royal League

