

Movement by Perfection



Ventilation, control and **drive technology**



## ZAtopx

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

# ZAtopx

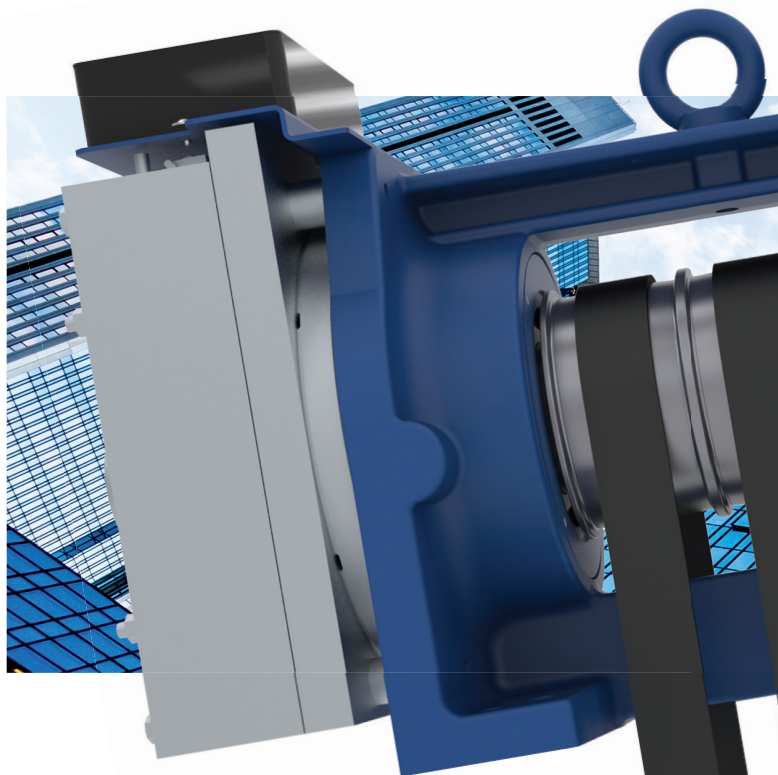
The new way to the top

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

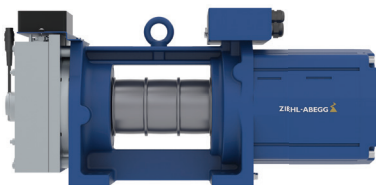
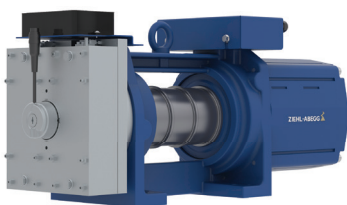
Our intelligent high-tech elevator machine with state-of-the-art belt concept rounds out our existing extensive range of excellent elevator machines for every type of building, plant or anywhere where passengers or goods need to be transported up and down.

**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 100 mm** 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

Highly efficient, gearless elevator machine with state-of-the-art suspension concept with belts

- Elevator Directive 2014/33/EU
- 3-belt or 5-belt version
- Travelling speed up to 1.6 m/s
- Noise emission < 50dB(A)

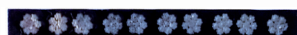
- Traction shaft of 100 mm
- Payload up to 1050 kg / 14 people
- Travel distance 75 m





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

with belts for slim construction lines



Compact and sturdy steel cables embedded in state-of-the-art PU material complete the **ZAtopx** safety concept. 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 in versions for up to a maximum of 3 and a maximum of 5 belts, making it suitable for applications with 2 to 5 belts.



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

gy 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 belts
- Low operating costs due to utmost quality with long service life
- Extremely quiet winding



Expertise from a single source – The perfect combination

## ZAdyn 4C

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





# Feel the **future**

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

combination 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

