

E-DRIVE PRODUCT LINE

Electric drive technology with maximum efficiency

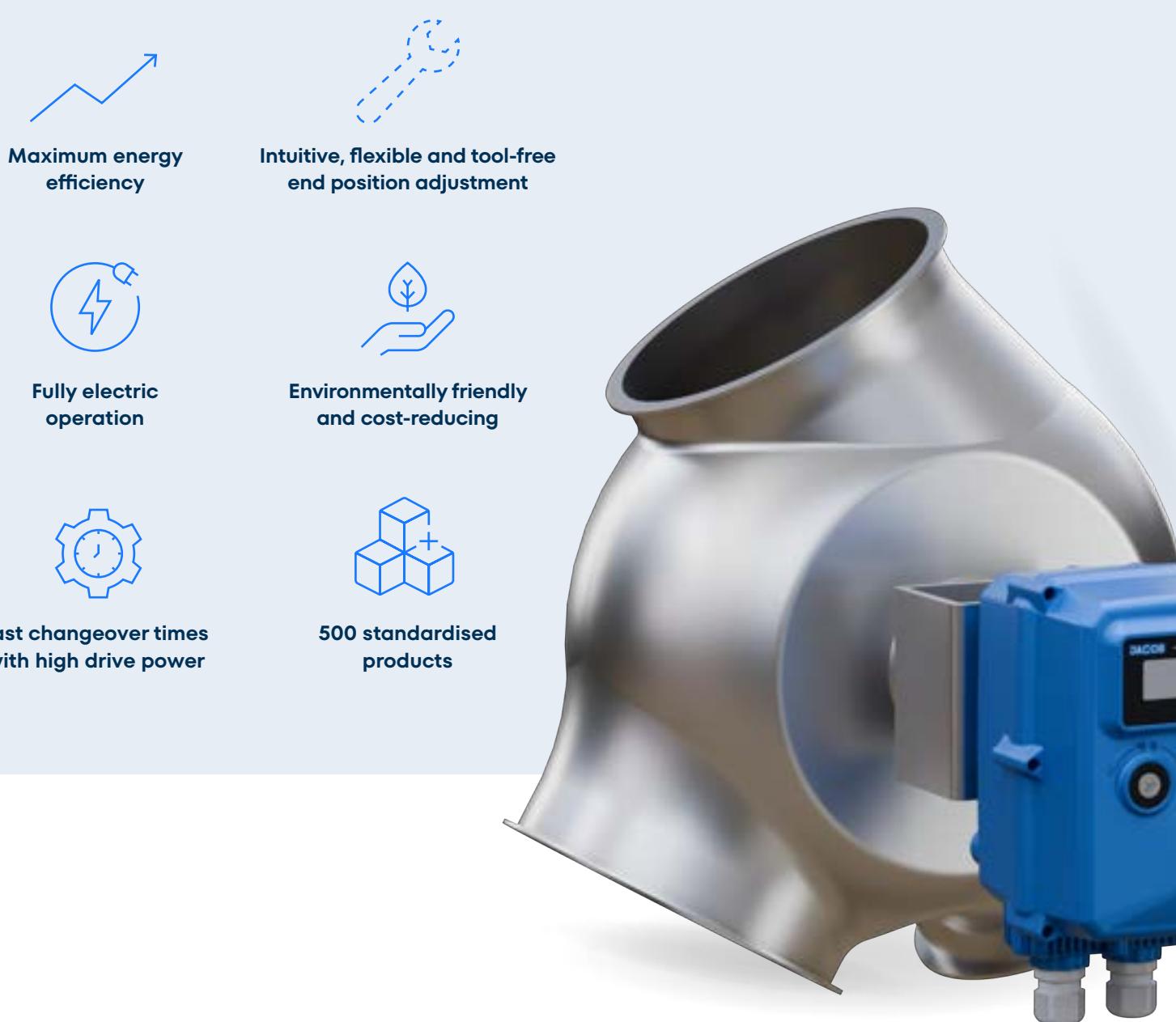


Future-proof alternative

The new JACOB's E-Drive series combines maximum energy efficiency with modern electric drive technology – the sustainable alternative to pneumatic solutions. With this expansion of our standardised product portfolio, we offer 500 additional high-performance solutions in our range of throttle valves and 2-way distributors. Our new E-Drive series impresses with fast changeover times, high drive power and tool-free setup – maximum flexibility with minimal effort.



More efficiency. More flexibility. More possibilities.



Throttle valves, 2-way distributors

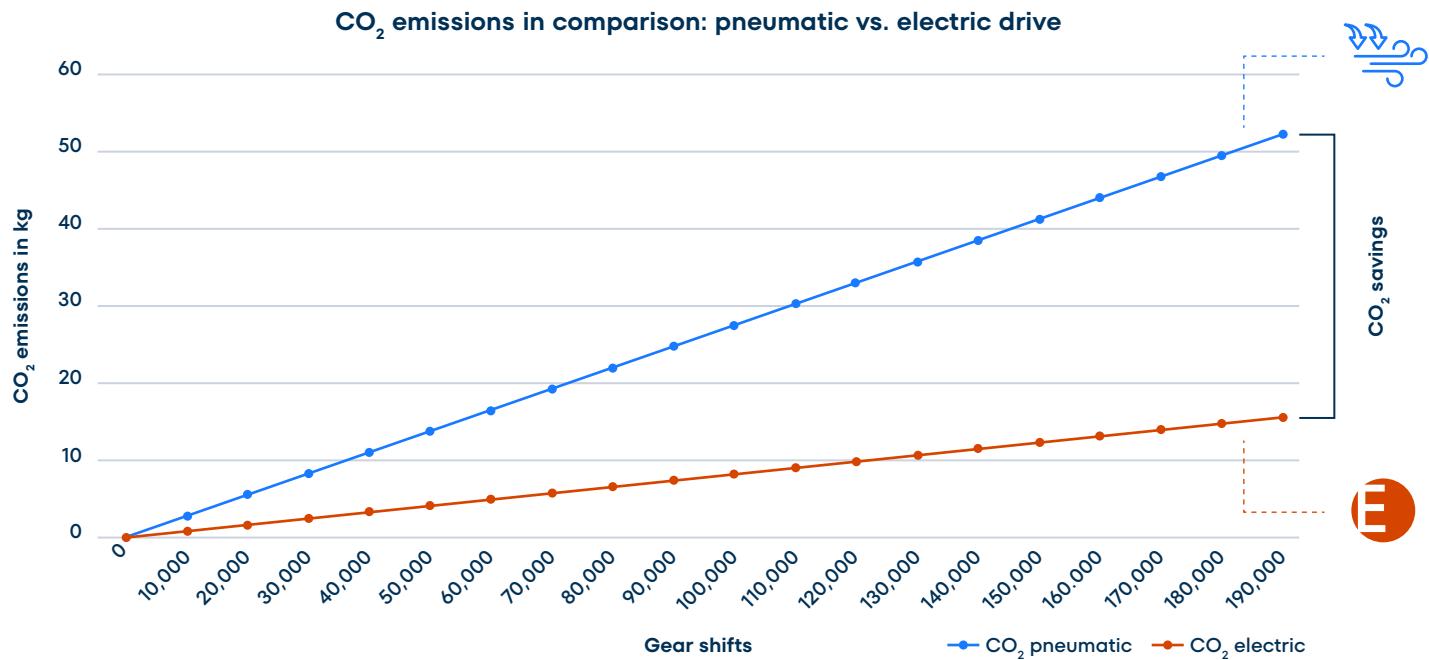
Voltage	24 V AC/DC & 230 V AC
Torque	20–400 Nm
Changeover time 90°	5 sec.*
Protection class	IP67
Controllable via	MODBUS, CANBUS, TCP/IP, PLC and digital

*2-way distributions > 300 excluded

Pipe slide gates

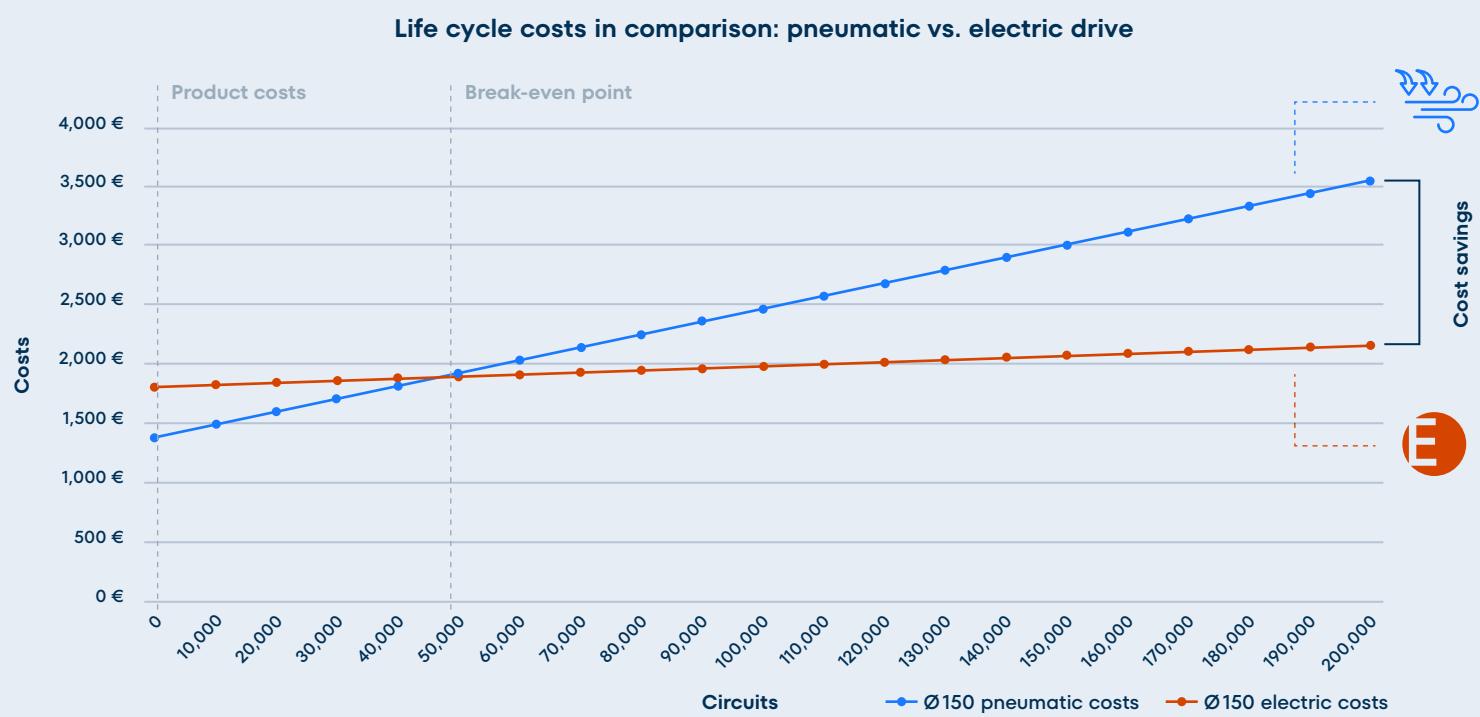
Voltage	24 V DC
Feed force	900 N
Changeover time	1–3 s
Protection class	IP40
Controllable via	IO-Link (PLC), digital
Intermediate position via	IO-Link control

Sustainability that pays off



By using an electric drive instead of a pneumatic drive, I save about 40 kg of CO₂ per year. This corresponds to the amount of CO₂ produced during the production of around 30 kg of paper.

More power, less consumption



The diagram shows the development of total costs (in €) for a pneumatic and an electric drive depending on mileage (switching). It illustrates that while the pneumatic drive is cheaper to purchase, it becomes more expensive to operate due to factors such as higher energy consumption or maintenance. The electric drive is more expensive to purchase but remains more cost-effective over time.

Contact

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To the
Product