



Set the new standard for conveyor equipment performance

Altivar Machine ATV320 redefines possibilities for
material handling manufacturers and integrators

What if one drive family could put all of your material handling equipment on the leading edge of the industry? What if that motor drive was easy to install and integrate into automation architectures, regardless of panel layout or network system?

The Altivar Machine ATV320, part of the new Altivar™ Machine range, is that drive*. Its powerful combination of safety, reliability, and simplicity make it a versatile choice that reduces costs both during installation as well as throughout the machine's life cycle.

*from 0.25 Hp to 20 Hp.



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The new benchmark in conveyor equipment performance

The Altivar Machine ATV320 has a number of out-of-the-box features for building more effective material handling machines at optimized build costs, including:

Unprecedented flexibility

- **Simplified installation** thanks to the availability of two form factors, compact and book, that allow efficient space usage in various panel layouts despite mechanical constraints.
- **Advanced connectivity** via many networks that are based on Ethernet (Modbus TCP, Ethernet/IP, Profinet, EtherCAT) or serial (Modbus RTU, CANopen, Profibus DP, DeviceNet).

Improved machine performance

- **Reliable motor control** for asynchronous and synchronous motors, delivering leading-edge performance with simple, plug-and-play commissioning.

Extended machine availability

- **Continuous machine operation** as a result of robust design. Printed circuit boards are class 3C3 coated in accordance with IEC 61721-3-3 to protect against corrosion in harsh environments. The drive maintains a thermal state allowing uninterrupted operation with ambient temperatures up to 60°C.

Optimal machine safety

- **Comprehensive embedded safety solutions** for simple application requirements, from Safe Torque Off to full monitoring functionalities**, to comply with Machinery Directive 2006/42/EC and simplify certification.

**SS1: Safe Stop 1

SLS: Safe Limited Speed

SMS: Safe Maximum Speed

GDL: Guard Door Locking



ATV320 Compact

designed for machine body integration



ATV320 Book

designed for optimized panel usage



For more information and product references visit

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