

Set the new standard for machine performance

Altivar Machine ATV320 redefines possibilities
for machine manufacturers



What if one drive model could put all of your machines on the leading edge of the industry? What if that model was easy to install and integrate into automation architectures, regardless of cabinet 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.

altivardrives.com

Life Is On

Schneider
Electric

The new benchmark in machine performance

The Altivar Machine ATV320 has a number of **out-of-the-box** features for building more effective 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 cabinet 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
cabinet usage



For more information and
product references visit

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