



The valve terminal concept of the CPX/MPA reduces installation time and the required installation space by approximately a third.

## Make some room!

### Smaller packaging machines thanks to CPX/MPA

With the “Breakthrough Generation of Machines” from Italian packaging machine manufacturer Cama, brand and pharmaceutical manufacturers are experiencing a completely new feeling of space in their factories. The new machines from Cama take up one third less space thanks to the valve terminal concept CPX/MPA.

One characteristic feature of conventional machines is the large control cabinet outside the machine. The controllers within this cabinet are connected to the drives, sensors and valves by a multiplicity of cables and lengths of tubing several metres long. With the “Breakthrough Generation”, Cama completely redesigned its machines. This has made it possible to reduce the amount of space required by the machines. The control cabinets containing the electrical and pneumatic components are integrated in the machine pedestal angles. The compact machine footprint helps to minimise cabling and makes it easier to place the modules and components used right where they are needed and thus more accessible. The core product of this solution is the Festo valve terminal CPX/MPA with protection class IP65. CPX links the pneumatic and electrical control chains and connects these simply, quickly, flexibly and seamlessly to any automation concept and in accordance with any company-specific standards. Attention has also been paid to the topic of machine safety. The soft-start/quick exhaust valve MS6-SV is used to exhaust the system. It provides reliable protection against unexpected start-up and has an exhaust capacity 1.5 times its pressurisation capacity.

The side-loading unit consists of a handling unit with an electric axis EGC for precise travel to intermediate positions and a pneumatic mini slide DGSL. The EGC helps to reduce assembly times by 30 per cent compared to previous self-made and assembled electric axes. The deliberate use of both pneumatic and electric drive technology allows high precision to be obtained together with a high load capacity. ■