

Solutions for machine builders

Build a better machine with Eaton solutions integrated



EATON

Powering Business Worldwide

We serve the needs of machine builders and their customers around the world.

Eaton is a leading power management company, providing energy-efficient solutions that help our customers use electrical, fluid and mechanical power more reliably, efficiently, safely and sustainably.

We provide a breadth of innovative solutions globally that help you build a more sustainable business.

Eaton brings a new dimension of expertise.

Shorter product lifecycles mean your end customers expect you to design and build highly customized machines, or retrofit existing ones, faster and at a lower cost. Your customers demand machines that operate without fault for longer and at the highest possible level of energy efficiency.

When designed with our best-in-class electrical and hydraulic solutions, your machines will deliver higher levels of accuracy, speed, energy efficiency, reliability and flexibility. Eaton is the only provider of solutions that combine hydraulic and electrical systems for a machine with power density and precision power control.

Legacy of innovation.

Over the years, our innovative portfolio has grown, including solutions from:

Aeroquip	Moeller
Bussmann	Vickers
Cutler-Hammer	Walterscheid



For a more profitable business, build a more productive machine with Eaton solutions integrated.

A more simplified, compact and lower cost machine

Eaton significantly speeds time to market for machine builders and reduces the footprint and operating costs of machines without compromising performance.

We reduce the time and expense of machine wiring, testing and commissioning up to 85% with our unique SmartWire-DT panel-wiring solution. Its flexible, open system architecture is ideal for new machines, as well as existing ones. Our solutions, including compact hydraulic systems, also reduce machine equipment footprint and increase the speed of manufacturing processes while reducing errors.

A more reliable machine

Machines and production facilities equipped with Eaton products are more reliable, minimizing costly downtime.

Extend the service life of products by predicting hose failure before it happens with our intelligent hydraulic hose monitoring system. Uninterruptible power supplies at the machine level minimize production downtime and data loss caused by voltage dips, power outages or surges. And advanced hydraulic pumps and filtration solutions provide for a quieter and cleaner operating environment.

A more energy efficient machine

Increase energy efficiency with Eaton solutions that enable advanced control of electric motors and hydraulic pumps, valves and cylinders. Our monitoring solutions also deliver data transparency in real time from the controller to the actuator.

A safer machine

Eaton's safety solutions protect your machines from the inside out. We safeguard people, machines and systems, by reducing the risk of machine overload, damage and fire. Our functional safety solutions also help you meet relevant regulatory requirements without duplicating wiring.

Solutions for all machine types, including metal cutting and forming, processing and packaging, injection molding, material handling and many more.



Circuit and power protection solutions: circuit breakers, fuses, disconnects and uninterruptible power supplies



Fluid conveyance and management: hydraulic and industrial hoses, including condition monitoring systems



Motor control: contactors, starters, soft starters and variable frequency drives



Connectivity solutions: SmartWire-DT wiring solutions for inside and outside the control cabinet



Sensors and limit switches: photoelectric and proximity sensors and safety limit switches



Human machine interface and logic control: operator interface/PLC combinations, intelligent relays, pushbuttons and software



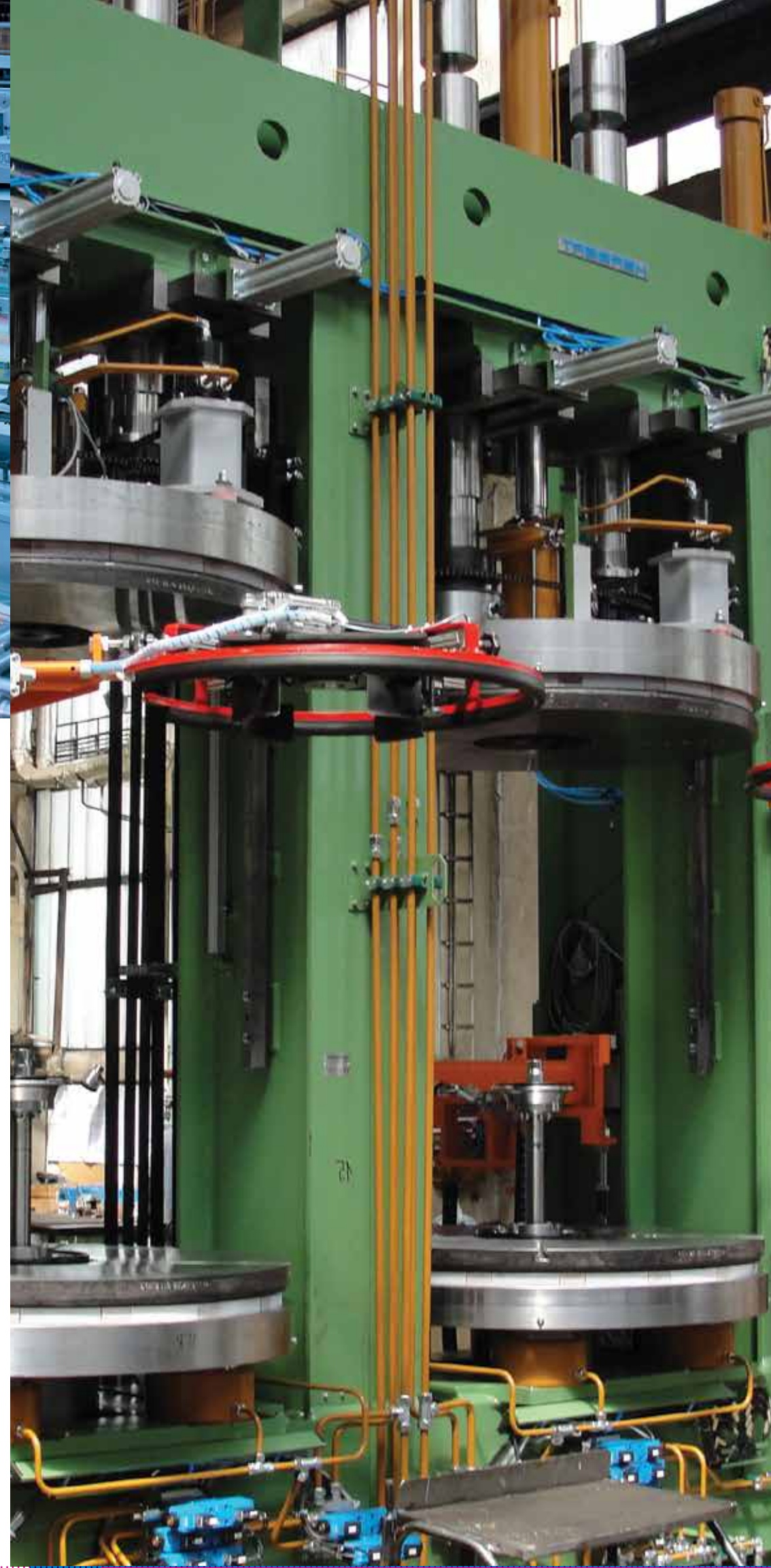
Hydraulic pumps and valves: directional valves, screw-in cartridge valves and piston pumps



Filtration solutions: bag and cartridge filters and housings

Machine applications

Serving machine builders who supply a broad range of customers with advanced solutions that intelligently control and protect their most valuable asset, the machine.



Machines with Eaton solutions integrated deliver higher levels of accuracy, speed, energy efficiency, reliability and flexibility.

With more than 100 years of experience in serving the needs of machine builders, we understand the challenges you face every day.

Worldwide network

Machine builders need smart and responsive local partners to help them globalize their business from concept to delivery. Eaton engineers are globally networked to share expertise and experience to solve machine builders' toughest challenges. With an extensive network of distributors, electrical wholesalers and panelbuilders around the world, Eaton ensures that you have access to products when and where you need them.

Applied expertise

Eaton's knowledgeable electrical and hydraulic application engineers design and implement machine control solutions tailored to meet the precise needs of machine builders. Working with Eaton, you can simplify and streamline your machine development process by tapping into our extensive application expertise and standardized tools that are constantly improved based on industry best practices.

Broad offerings with global approvals

Eaton's broad portfolio of global standard components have the approvals that enable customers around the world to significantly reduce their total cost to design and build machines.



Discover how Eaton can solve your power management challenges.

Bringing your business a new dimension of expertise and customized innovative solutions for a more productive machine and a more profitable business.

Eaton.com/machinebuilding