

A yellow rectangular box is positioned on the left side of the page, containing the word "Presses" in a bold, black, sans-serif font.

Presses

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Safety-related equipment, upgrade and operation of presses

Guaranteed safety coupled with high availability and full flexibility – the demands on the automation of standalone presses and press lines are becoming increasingly complex for designers and users alike.

Operators and maintenance staff have direct access to the danger zone, so a universal safety concept is required. Production cycles must run smoothly to guarantee economic efficiency, even on the smallest of loads. For an overall automation concept at optimum cost, Pilz is your competent partner.

**Are you looking to equip, upgrade or operate your plant safely?
We'll do it for you!**

- ▶ Solutions for all types of presses, from a manually operated standalone workstation to a fully automated press line.
- ▶ Tailor-made, long-lasting complete solutions. Many Pilz products have been specially developed for the press industry.
- ▶ Support for safety-related new designs and retrofits of old presses.
- ▶ Pilz will accompany you throughout the whole machine lifecycle. Consulting, Engineering, specific user training: we can offer everything from one source. Just talk to us!



Further information on solutions in the press sector:

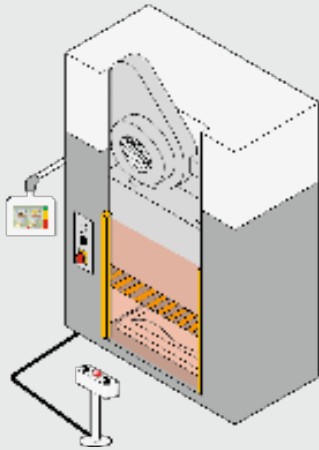



Pilz – Your solution supplier for safe presses

As market and technology leader for safe automation, Pilz is a long-standing, competent partner for press manufacturers, system integrators and the processing industry. We can offer the complete solution for all types of presses, based on many years' experience.


Benefits to you

- ▶ Safety for man and machine
- ▶ high availability and flexibility
- ▶ increased productivity due to optimised workflows and the very latest control and sensor technology
- ▶ Reduction of standstill and downtimes
- ▶ Services to cover the whole machine lifecycle
- ▶ approved safety concepts in accordance with international norms and standards

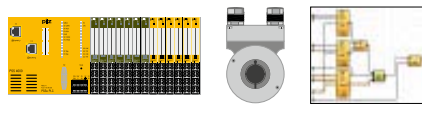




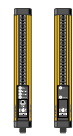
PSEnvip




PNOZmulti



Safe electronic rotary cam arrangement



PSENopt




Services

Our solution

- ▶ Innovative, safe monitoring, control and drive technology as well as optoelectronic protective devices.
- ▶ Safe electronic rotary cam arrangement in the automation system PSS 4000, specially developed for mechanical presses. The optimum solution for a universal press control system, approved in accordance with EN 692.
- ▶ Productive camera-based protection and measuring system PSEnvip, specially for press brakes.
- ▶ Economical upgrade and safety approval for new and existing presses.
- ▶ Services throughout the whole machine lifecycle. From Risk Assessment to CE Marking in accordance with the Machinery Directive, Inspection of Safeguarding Devices and specific user Training.

Further information on the subject of presses:

 Webcode 1061

www.pilz.com/presses

Pilz is a technology leader in safe automation. We will work with you to develop a safety concept that is tailored exactly to your requirement.



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