

## Advantages to you

**TÜV-approved according to legal and CE safety requirements**

**For safety applications up to Performance Level (PL) e / category 4**

**Modular expandable system**

**Robust stainless steel construction**

**For use in extreme ambient temperatures and hostile conditions, e.g. dust, moisture, dirt, etc.**

**Protection against being locked in**



## Custom made solutions for your safety

With effective safety solutions from DOLD you can protect your staff as well as your production machinery. You can rely on our experience as long term manufacturer of safety modules and systems, monitoring devices and power electronics.

For more information or technical advice for planning and installation please ask for our documentation or visit our website at [www.dold.com](http://www.dold.com).



Functional Safety Type Approved  
[www.tuv.com](http://www.tuv.com)  
ID 0650000000

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## SAFEMASTER STS

The next most important thing besides my safety glasses

**DOLD** 

Our experience. Your safety.

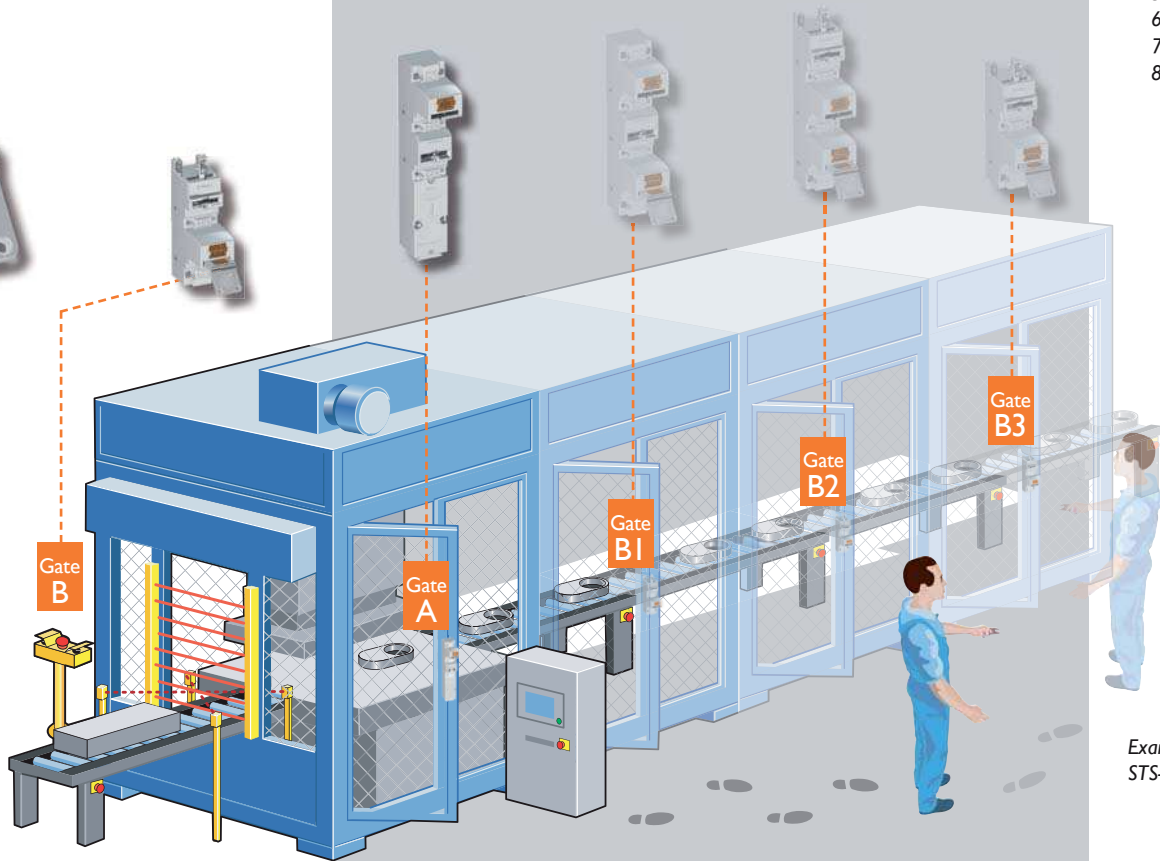
## Complete safety concept

Don't you wish you had a simple **safety switch and trapped key interlock system** to protect your dangerous working areas. If you are looking for a reliable, expandable, flexible and cost saving solution, then you have found the perfect product with our TÜV-approved system SAFEMASTER STS.



### An example

The picture shows a press with several access gates. When opening the main entry gate A during operation, the machine stops immediately. To open the maintenance gates B the following sequence has to be followed: Open gate A, take out coded key, insert key in gate B, open gate B. After reversing the procedure the production may be started again. Advantage: The maintenance gates are made safe without wiring.



## Expand your possibilities

The SAFEMASTER STS Program consists of modules that can be individually combined and adapted to your application. They combine the advantages of safety switches, interlocks and key transfer in one system. The modular design allows systems to be assembled out of several units, or to modify and expand existing systems as required. All mechanical interlocks can be utilised in machine and plant concepts without wiring. They provide an economic and reliable protection in wide applications.



## The safety combination

With only a few single components, a number of individual interlock units can be assembled. The stainless steel units guarantee good stability. Extensive equipment allows a simple mounting.

- 1 end module M
- 2 actuator module B
- 3 padlock module
- 4 actuator module A
- 5 bayonet ring
- 6 key module
- 7 switch module
- 8 solenoid locking module



Example:  
STS-Unit SX01A