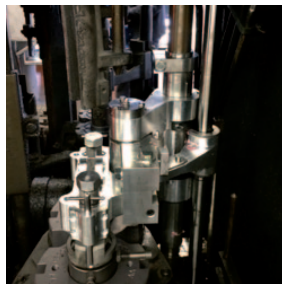
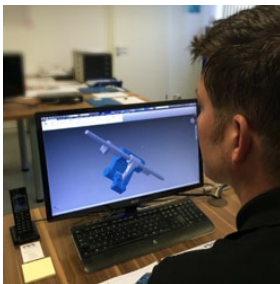




manufactIS GmbH

powered by ROSS®



consulting  
development  
design  
spare parts  
on-site service



## first glass service

An endless stream of red-gold-glowing bottles leaves your IS-machine. Perfectly shaped and without defects. The machine is running, shift by shift, you have no downtime.

Are your production and IS-machine in this perfection, we can do so little for you. But should one of your employees say: „It runs, but ...“, could this „but“ be a challenge.

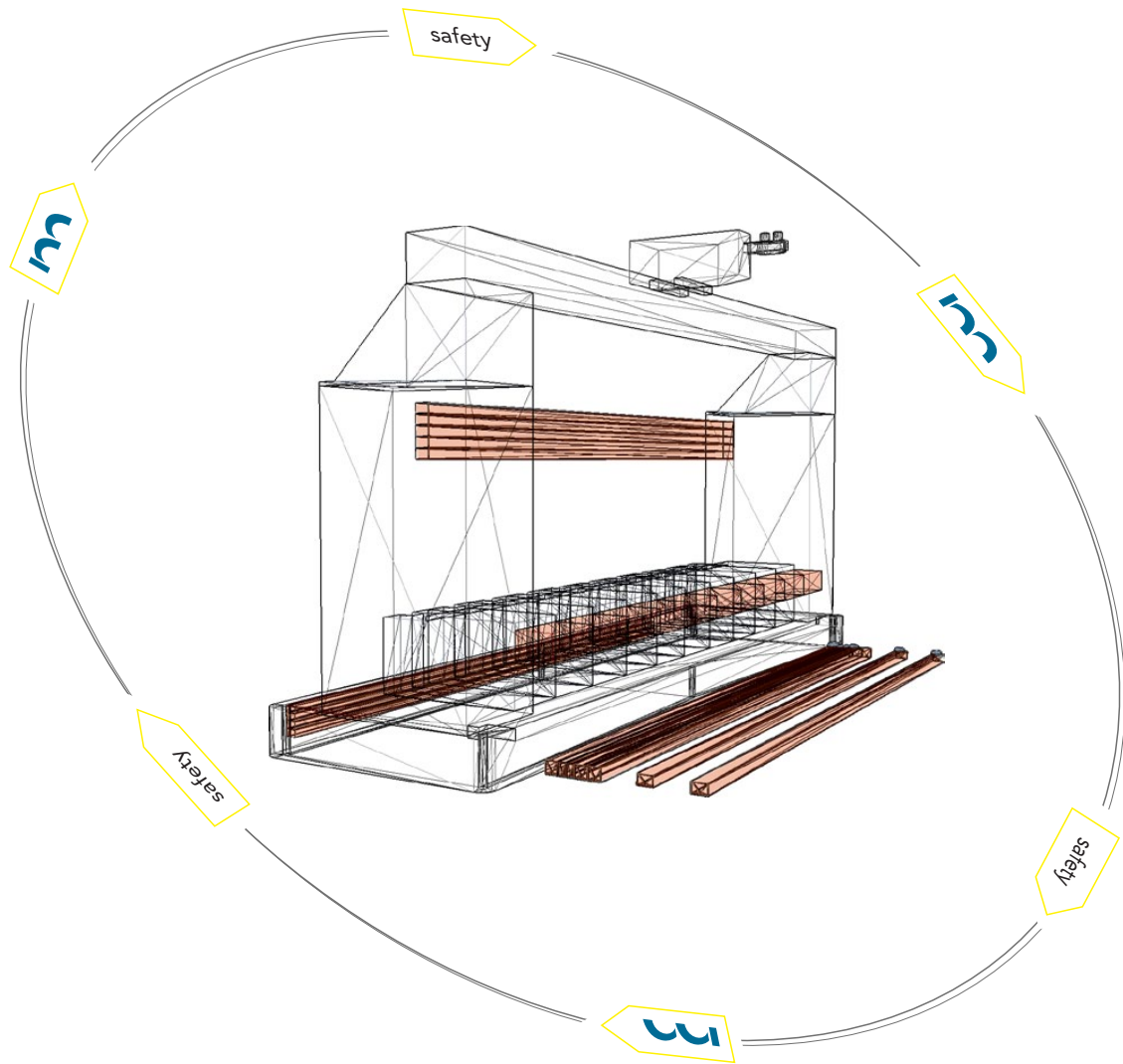
Steadily increasing production requirements and always new regulatories regarding already proven technology have been added. Especially the areas of safety and ergonomics in the workplace are now focused much stronger than it was the case a few years ago. And that's good! Future-proof implementation of these requirements is certainly a challenge.

manufactIS is exactly the right partner for such challenges. In the domains of consulting, development, design, spare parts and on-site service, we have acquired over many years know-how around the IS-machine. As a competent partner in this business, we know „where the shoe pinches ...“ and can now offer this know-how to optimize your IS-machines.

We can offer you a variety of small and large „problem solvers“. Our range is constantly growing along with the ideas and requirements of our customers.

### manufactIS

- supports on all technical matters related to the IS-machine.
- realizes modifications and new designs according to customer requirements.
- installes own-, external- or special-designs and developments.
- designs and integrates safety components for IS-machines.
- carries out assemblies e.g.: modernization, implementing manifolds, re-piping, regulator installations, linkage exchange etc.
- realizes section exchange and machine transport.
- performs service, repair and maintenance work at your IS-machine.
- is an innovative parts supplier.

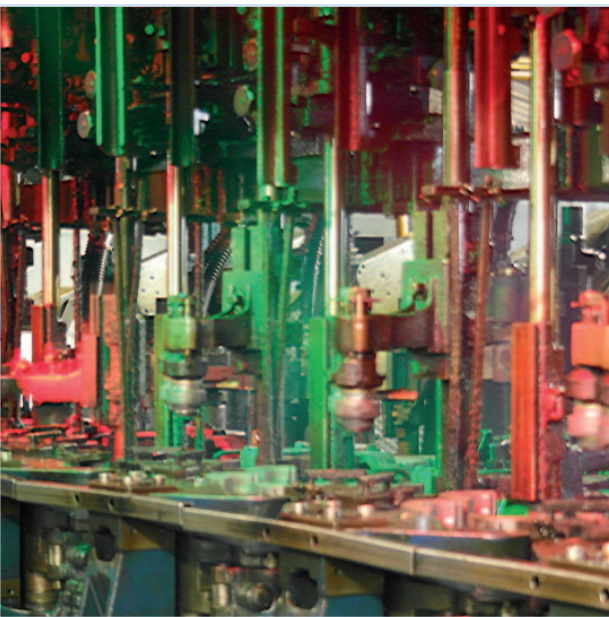


## modernization, innovative technology and safety around the IS-machine

We give you the possibility with a safe and innovative components exchange to upgrade your machine for the next life cycle. Economically and technically these machines are equivalent to a new, comparable machine.

On the contrary – to get your already familiar technology safer and more productive leads to a huge process and production advantage. Your investment is precisely planable and can be modular fashioned according to your needs. Current technology, modern production and safety – always up to date. The further selected examples are products and solutions of our previous challenges and demands of our external source of ideas.

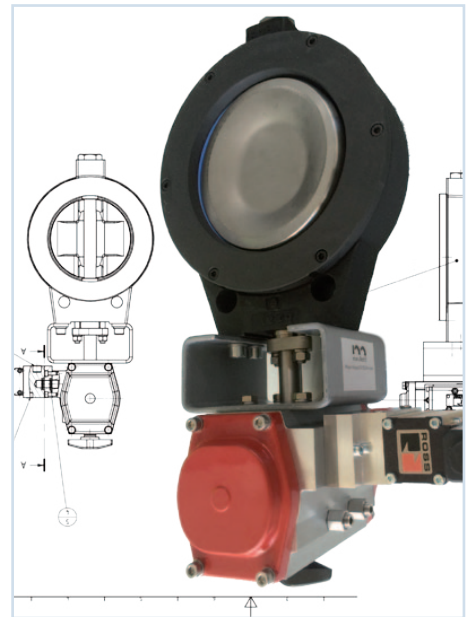




LED safety-lights



L-O-X safety-valve technology



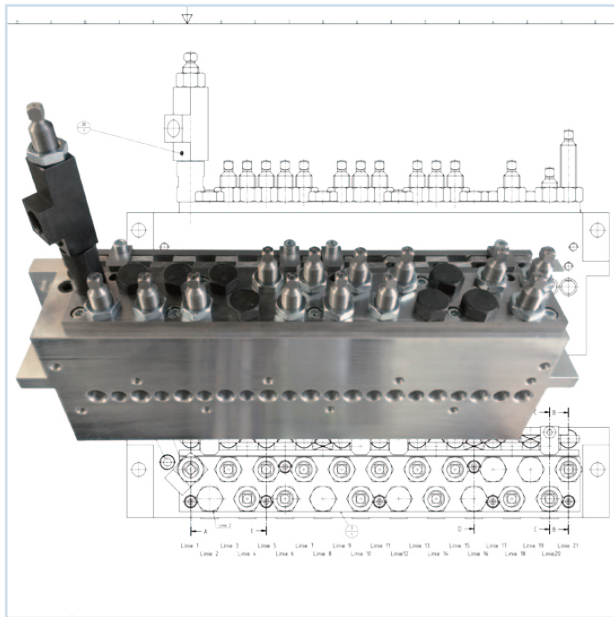
pneumatic shut-off

## safety-products according to machine normatives

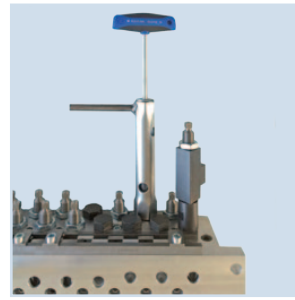
Nothing should be more in focus than the health and physical safety of your employees. And to be honest, IS-machines are dangerous machines. The requirement for safety may not only be a concern of unions and legal guidelines.

We develop and provide more safety for your IS-machine and offer:

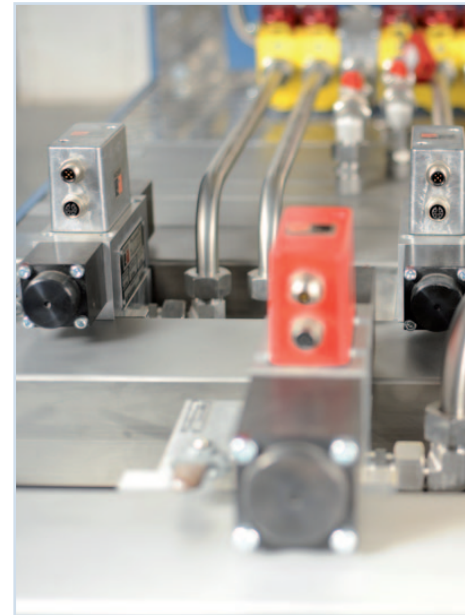
- L-O-X safety-valve technology
- overhead manifolds with LED safety-lights and lifting devices
- mechanical barriers
- anti slippery coated step sheets and contact surfaces
- handles / uplift assists
- interference protection from moving parts / mechanisms
- monitored pneumatic shut-off



high speed control block



throttle tool cartridges



proportional valve technology

There are many opportunities for improvements and additions. Here are some examples of areas where we could be of service to you. Of course, as a plug & play solution and retrofitable.

## blank side

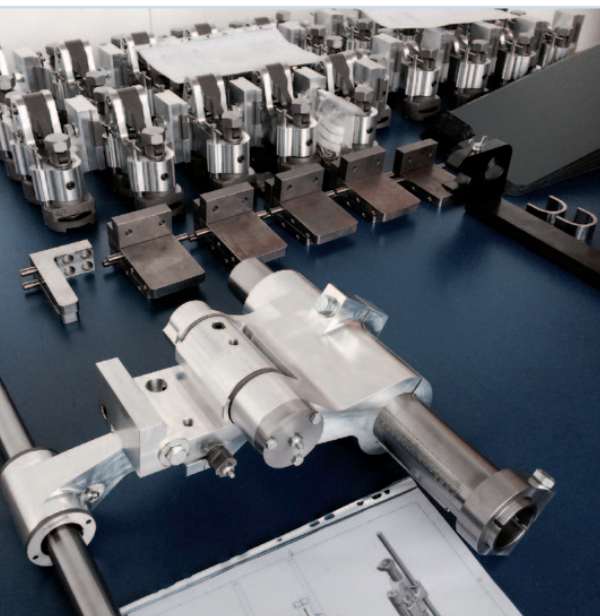
- manifolds with valve technology e.g.:
  - proportional valves
  - On/Off valves
- upgrade from Blow-Blow to Narrow-Neck-Press-Blow process

## valve block

- 21 line valve block
- high speed control block
- ECA valve block with facilitated maintenance for cartridge exchange

## control and regulation technology

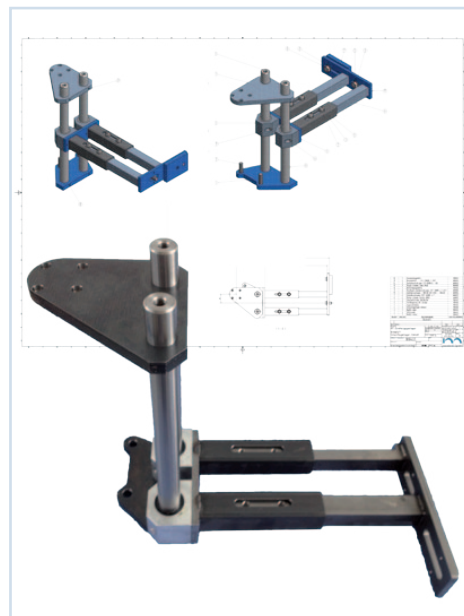
- LED control (optional: with pressure monitoring)
- proportional valve control
- test units
- regulator exchange – incl. new piping
- installation of proportional regulators
- Filter-Regulator-Lubrication Units (FRL)



variables and accessories



standard components



high torsion take out stiffener

## overhead

- manifolds equipped with valve technology e.g.:
  - proportional valves
  - On/Off valves
  - multiple base plates
- operator manifolds

## blow side

- manifolds equipped with valve technology
- customer required valve blocks
- conveyor-manifolds

## equipment that fits

manufactIS offers standard components and accessories. With support of strong partners we supply and install equipment around the IS-machine.

## spare parts

- IS-standard components
- accessories
- variables
- flex hoses (e.g.: plunger mech.)
- special parts



assembly on-site



dispatch and transport

## complete service on-site

We are not only your contact person „on-site“, gladly we also assist and assemble. Not only during installation of improvements or additions – but also for the exchange of smaller and larger components up to complete transport of your machine.

Even for services such as repair and maintenance, you can count on us. And for the competent overview, we pay attention to your local construction site.

quality made in germany!





manufactIS GmbH is a subsidiary of ROSS EUROPA GmbH, based in Herten.

If you would like more information or have any questions on our products and services, please get in touch.

We are more than happy to answer any questions you have and we will get back to you as soon as possible.

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