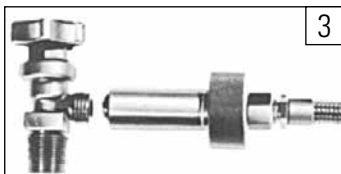


***Kosan Crisplant's evacuation systems are designed for easy and safe evacuation of LPG cylinders before repair as well as for evacuation of overfilled and leaky LPG cylinders.***

- Solutions for any evacuation requirement
- All systems have thoroughly tested designs
- Complete modular systems
- Minimum cylinder handling
- Means to avoid accumulation of leaky and incorrectly filled cylinders
- Ex-proof design for installation directly in filling hall



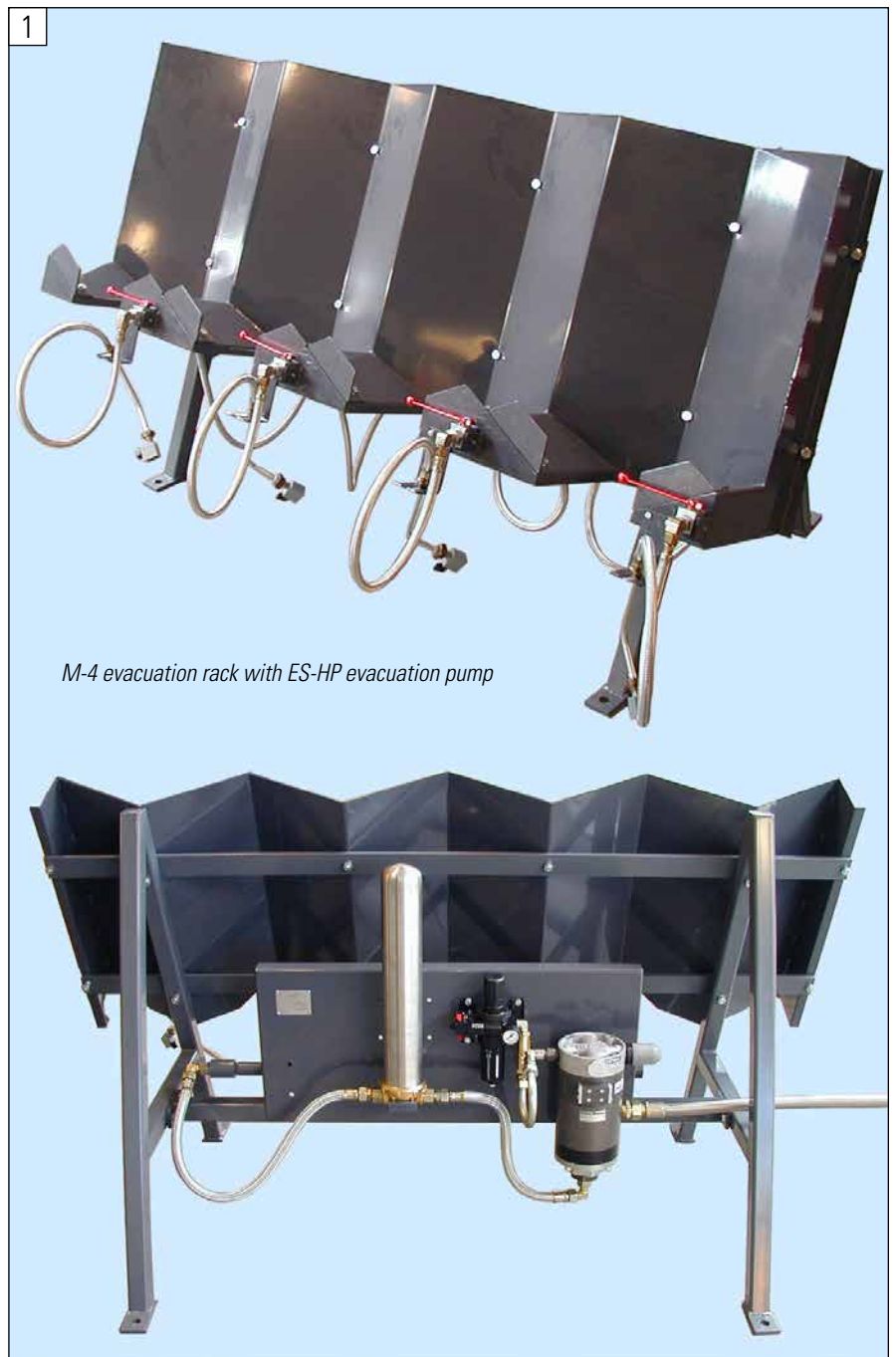
*Almost all Kosan Crisplant's filling heads can also be used as evacuation heads*



*The MS-U evacuation head is especially designed for evacuation of LPG cylinders with screw valves with external thread*

## Your benefits

- Modular solutions with buffer tanks, pump, compressor and evacuation racks
- No bottlenecks - the total evacuation system including piping is designed by Kosan Crisplant
- High safety level thanks to fast handling of leaky and incorrectly filled cylinders
- Different evacuation heads mounted on the same evacuation rack



*M-4 evacuation rack with ES-HP evacuation pump*

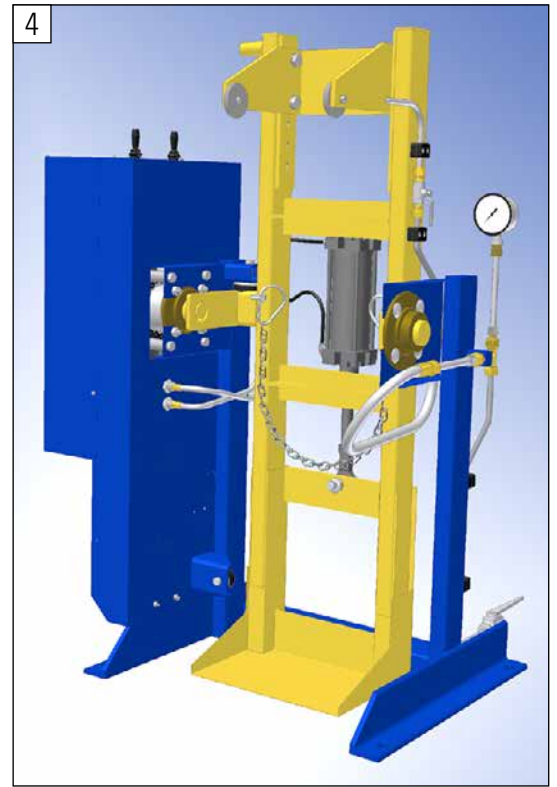
### Your possibilities

- Manual or automatic operation
- Manual or automatic, tiltable stand-alone evacuation racks for industrial cylinders
- Stationary evacuation racks for 1 to 12 domestic cylinders
- Tiltable evacuation racks for 4 to 8 domestic cylinders
- In-line or stand-alone evacuation racks for domestic cylinders
- In-line systems are supplied with chain conveyor for control of cylinder flow
- Air-driven compressor for small capacities

- Compressor/pump solutions for high capacities
- Evacuation heads for centre valves and screw valves

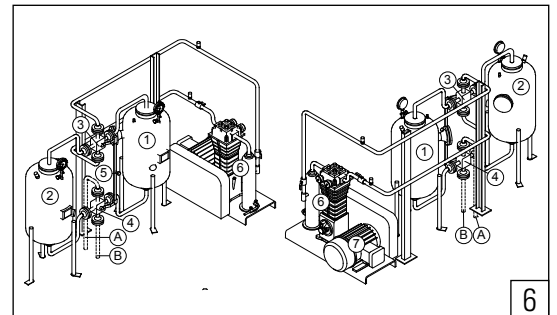
### Your safety

- Ex marking according to the ATEX Directive and applicable EN standards: **CE** **Ex** II 2G Ex h IIB T3 Gb
- All evacuation systems are intended for operation in hazardous areas classified as Zone 1 or Zone 2 according to EN/IEC 60079-10-1
- All evacuation systems are designed and validated in accordance with a certified ISO:9001 quality management system; furthermore, they are designed according to all relevant requirements set out in applicable EU Directives



The tiltable evacuation rack for industrial cylinders is designed for stationary installation. It can be equipped with manual pneumatic filling heads for screw valves and/or manual mechanical filling heads for centre valves.

In-line ERI evacuation system integrated in chain conveyor



The ES-M evacuation system is designed for stationary installation on floor

- |                                 |                    |
|---------------------------------|--------------------|
| A Connection to evacuation rack | 5 Handle           |
| B Connection to storage tank    | 6 Gas compressor   |
| 1-2 Tanks                       | 7 Electrical motor |
| 3-4 Four-way valves             |                    |

