

*Kosan Crisplant's filling heads are designed for safe and easy filling and evacuation of all types of LPG cylinders.*

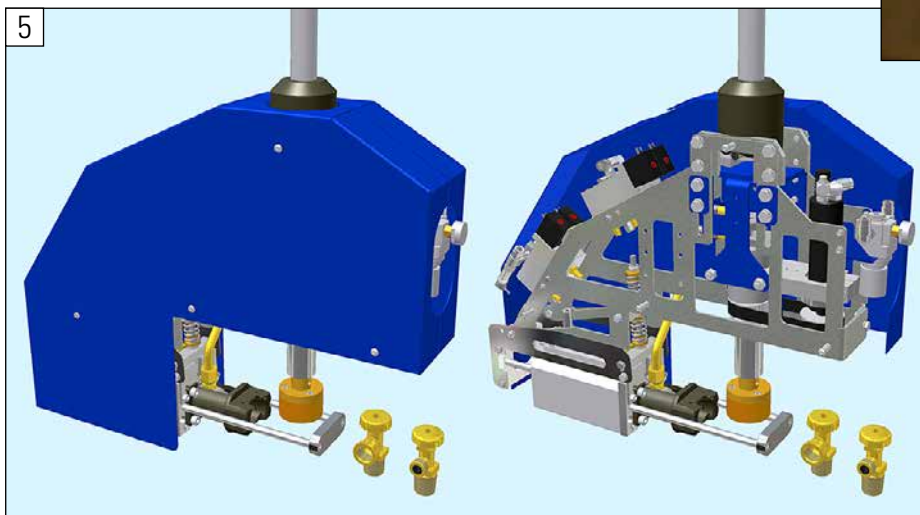
- High quality and solid systems developed on the basis of 50 years' experience
- Operation: fully automatic, semi-automatic or manual
- Optimised flow and filling speed
- High safety level
- Can be used for both filling and evacuation

### Your benefits

- Lasting quality
- Easy and fast coupling and decoupling
- Minimum gas discharge at coupling and decoupling
- No gas discharge at sudden interruptions in compressed air supply
- Manual and semi-automatic filling heads are operated by single hand
- Flexible suspension for coupling of valves which are not in central position for filling
- Ergonomic operation of manual and semi-automatic filling heads thanks to balanced suspension
- Minimum maintenance



*Fully automatic AFH filling head for centre valves*



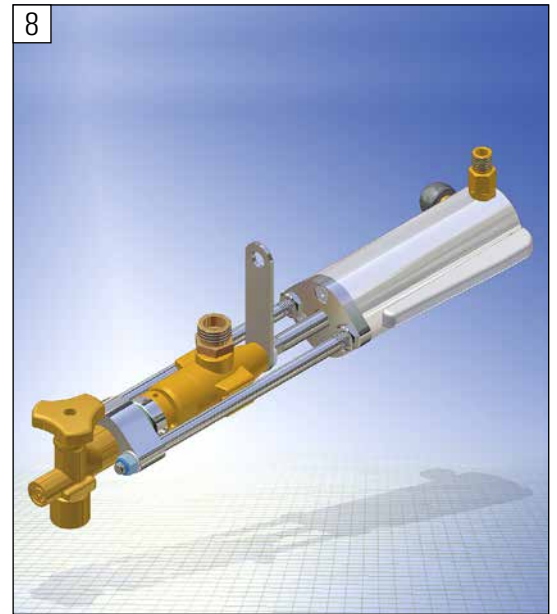
*Fully automatic filling head for screw valves*



*Semi-automatic (self-decoupling) SAC filling head for centre valves*



*Manual mechanical MFC filling head for centre valves*



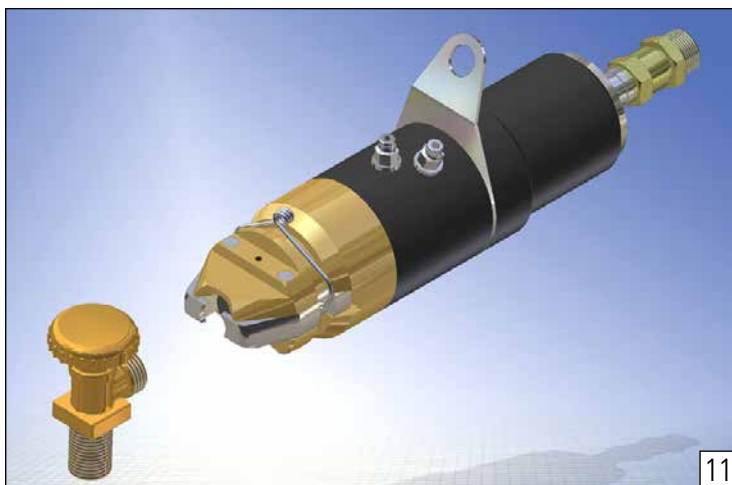
*Manual pneumatic PI filling head for OPD valves and check valves*



*Manual pneumatic PUI filling head for screw valves*



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*Semi-automatic (self-decoupling) SAS filling head for screw valves*

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### Your possibilities

- Filling heads for all types of centre valves and screw valves
- Customer specific filling heads for special valves
- Coupling and decoupling can be manual, semi-automatic or fully automatic
- Usage in combination with a large variety of filling machines

### Your safety

- Ex marking according to the ATEX Directive and applicable EN standards:  
**CE** **Ex** II 2G Ex h IIB T3 Gb
- All filling heads are intended for operation in hazardous areas classified as Zone 1 or Zone 2 according to EN/IEC 60079-10-1
- All filling heads 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

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