**FILLING HEADS**

*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
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

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

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