SURFACE TREATMENT OF LPG CYLINDERS

Manually operated powder paint gun

Spray booth for manual application of wet paint

Spray booth for automatic application and recovery of powder paint

Tunnel oven for drying after pre-treatment, curing/drying wet paint or curing powder paint

Dry-filter booth for wet painting

Automatic transfer of cylinders from chain conveyor system to overhead conveyor system

Overhead conveyor system

Fully automatic powder painting equipment

Kosan Crisplant’s vast product line of equipment for surface treatment of LPG cylinders is a means to obtain high cylinder quality and long cylinder lifetime. Surface treatment, including cleaning and painting, is an important and natural part of the regular standard inspection procedure.

- Nice-looking cylinders have high market value
- End-users prefer newly painted cylinders
- Surface treatment extends cylinder lifetime
- Distributors and end-users treat newly painted cylinders with care

Your benefits
- A smooth unbroken cylinder surface can be cleaned easily
- Surface treatment protects against corrosion
- Kosan Crisplant only uses internationally recognized sub-suppliers
• Use manpower for cylinder maintenance in quiet periods
• Reduction in procurement of new cylinders

**Your possibilities**

There are three main methods for surface treatment of LPG cylinders:

1. Make-up wet painting in filling hall (hazardous area)
   • In-line in chain conveyor
   • Drying of cylinders on chain conveyor
   • Operation can be manual or fully automatic

2. Wet painting in non-hazardous area
   • Cylinders suspended in overhead conveyor
   • Can be used in combination with shotblaster and drying oven
   • Operation can be manual, semi-automatic or fully automatic

3. Powder painting in non-hazardous area
   • Cylinders suspended in overhead conveyor
   • Must be used in combination with shotblaster and drying oven
   • Operation can be manual, semi-automatic or fully automatic

When using the above methods, the following equipment can be applied:

• Stand-alone cabins for shotblasting
• In-line shotblasting with automatic loading onto or unloading from chain conveyor
• Ovens for burning off old painting before shotblasting for obtaining the best possible starting point for new surface treatment
• Manual spray booths
• In-line wet painting booths
• Fully automatic powder painting plants with overhead conveyor system and loading onto or unloading from chain conveyor

**Your safety**

• All equipment for surface treatment of LPG cylinders is EU approved and designed in accordance with current EU directives
• National/local approvals