

# HYDAC APPLICATIONS



## HYDAC Accessories in Paint Shops.



HYDAC  
ACCESSORIES GMBH  
Hirschbachstraße 2  
66280 Sulzbach/Saar  
Germany  
Phone: +49 (0)6897/509-901  
Fax: +49 (0)6897/509-1595  
E-Mail: [info@hydac.com](mailto:info@hydac.com)  
Internet: [www.hydac.com](http://www.hydac.com)



## HYDAC in Paint Shops

HYDAC has been supplying special ball valves in stainless steel to spray booth manufacturers and suppliers for well over 10 years, as a professional partner.

HYDAC is able to draw on its comprehensive standard range but can also design and build complex, patented solutions with automated functions.

The world of paints and varnishes is well-known to us.

Phrases such as rennin-free, negotiable by pigs and reduced clearance are part of our everyday language. In addition to the large-scale paint shops for the automobile industry, automated or manual ball valves

are also consistently used in small mobile spray booths.

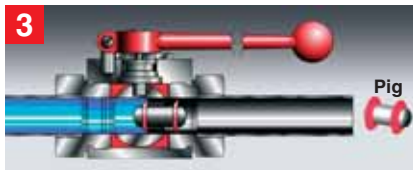
Here our special blocks must be compatible with unpleasant and aggressive fluids, such as primers, basecoats, clear varnishes, hardeners. And after all that, a pig is sent through the system to clear the last traces of paint from the pipe work.

In one paint shop approx.

1,200 special blocks are used.

These special blocks must have a solid connection with the system, by means of a fixed flange arrangement or orbital welding.

The profitability of a paint shop stands or falls by a sophisticated and responsive paint-change system in conjunction with minimum wastage of paint and resources.



### 1 Standard clamps in stainless steel

- Clamps to DIN 3015 in different sizes and models for nominal diameters 6.0 to 406.4 mm
- Material: polypropylene
- Steel parts: acid resistant
- Round and flat steel U-bolts with pipe supports in PP and PA for nominal diameters 17.1 to 273 mm

### 2 Ball valve range in stainless steel

- Flanged ball valves DN 15-300
- -50 °C to +350 °C
- DIN or ANSI flange
- Threaded ball valves from DN 04 to DN 50
- PN 16 to PN 315

### 3 Piggable ball valves

- The pig travels through the system to clean the pipes
- Full passage, internal diameter adjusted to the pipe
- Sealing cup with reduced clearance
- Silicon-free model

### 4 Change-over block for paint and solvent

- Switching options for spray gun: paint or solvent for cleaning
- Stainless steel ball valve
- Weld-type piggable housing

### 5 Paint regulating block

- Stainless steel combination for paint lines
- Shut-off, change-over, dosing

### 6 For shut-off of abrasive media

- Two bearings on request
- Metallic seals
- Medium: polyols, isocyanates, corrosion protection, underbody protection, adhesives, sealing compound or wax