

## Field Service, Spare Parts, Rebuild, Upgrade

Our expert team of experienced service engineers is able to service every kind of Waterspray System and Steambox on site at the paper machine during a regularly shut. There is no difference for us, if it is a W&H AccuShower or W&H AccuSteam or third-party system like VIB Systems or Voith.

Our Services:

- Inspection, maintenance of AccuSteam and AccuShower Systems
- Inspection, maintenance of Steam Box and Waterspray System any Manufacturer, VIB Systems or Voith
- Rebuild, Upgrades, re-installation, exchange of older systems
- Start Up and Supervision
- OEM Spare parts supply and repair for all systems, even third-party suppliers
- Modification, upgrade of electrical cabinets- Technical service and OEM parts

**Regularly inspections and maintenance, will provide you the following benefits:**

1. Minimize downtime of the paper machine and production
2. No quality problems during paper making process
3. Increase production



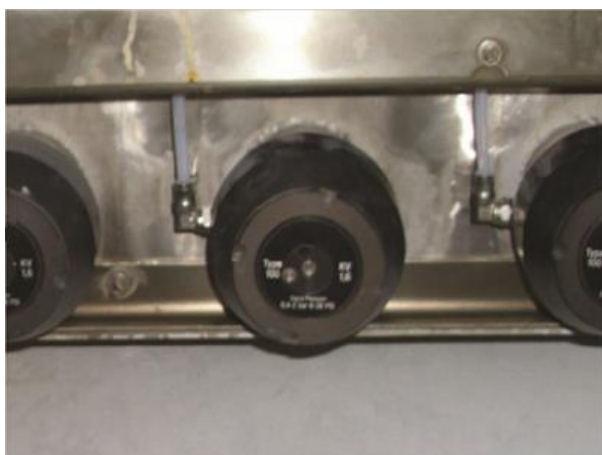
## AccuSteam / Steambox Service Zone Control Valve

The **Woollard and Henry** zone control valve consists complete out of stainless steel 316L and is equipped with a Nomex/ Kevlar reinforced diaphragm. The Fly Flange quick connection allows to change the valves in seconds without using any special tools.

Damaged **nonW&H** valves can be replaced by our **W&H** valve connected with a tailor-made adapter. Furthermore, we are able to overhaul any zone control valve from other suppliers.

For this we have our 20 years' experience and a well-equipped stock with OEM spare parts.

We can supply every kind of pressure range 0 - 1.0 / 0.4 - 2.0 and 0.8 - 4.0 bar for pneumatic zone control Valves.



Replacement of a broken  
**nonW&H** zone control  
valve with an adapter  
and W&H Valve:

## AccuSteam Steambox I/P Converter

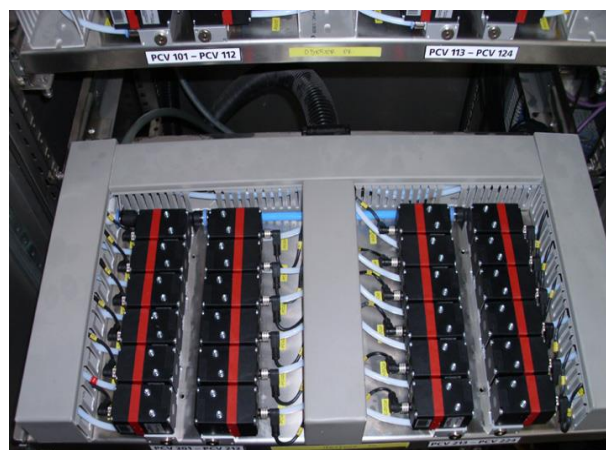
The Woollard and Henry I/P converter bases on the latest, piezo electronic technology.

The unit is supplied and controlled by a two- wire connection 4-20 mA, also usable to replace the four- wire connected converter.

We can supply every kind of pressure range 0 - 1.0; 0.4 - 2.0 and 0.8 - 4.0 bar

We are able to replace the complete I/P converter unit in a cabinet by using our own racks. Modification and upgrades for the PLC control parts are also possible.

Replacement of all I/P converter in a nonW&H panel:





## AccuShower Digital Valve Block

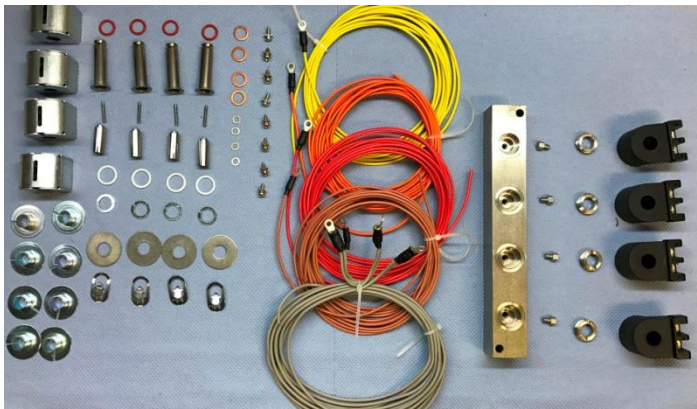
The **Woollard and Henry** service is able to overhaul every kind of digital valve block.

This work can be done on site or in our service workshop based near Frankfurt Germany. All necessary OEM spare parts we have on stock



Used Digital valve Blocks  
Corroded and wearing parts

(here a VIB Systems  
Control cabinet)



W&H Overhauling Kit



refurbished Digital Valve

## Upgrade and Rebuild of Control Equipment

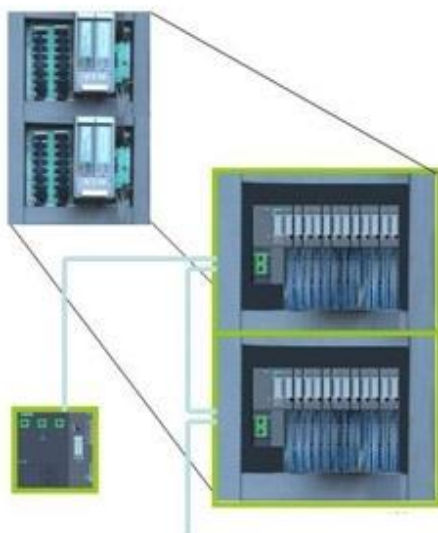
In the past some suppliers of Waterspray Systems and Steamboxes used their own internal company standard for control software and hardware. After several years of operation it happens that no service and spare parts for these control systems is available.

For this reason Woollard & Henry has developed several replacement kits based on common Siemens Technology.

W&H is able to replace most of these special hardware parts by Siemens Technology.

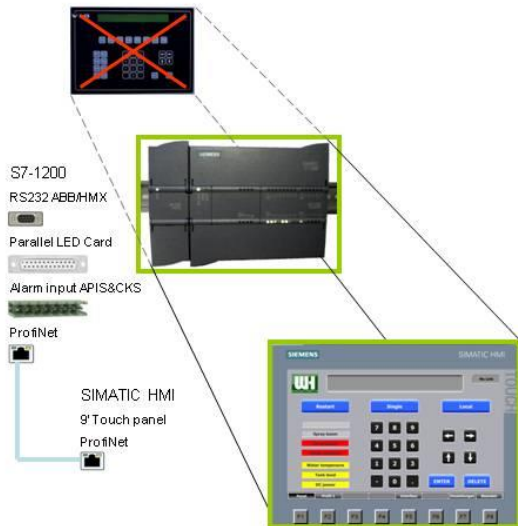
### Some Examples replacing ex VIB Hard- and Software

## MFC Controller replacement



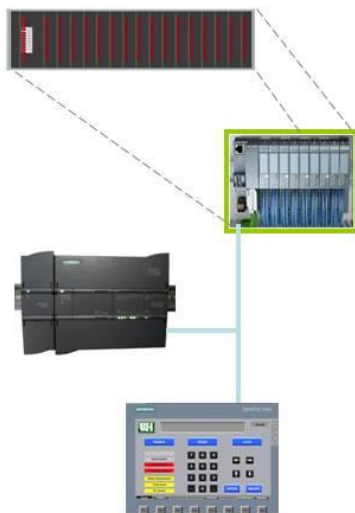
- Standard Siemens component
- Short circuit proof outputs
- Very fast set point update
- Integration into the existing software VIB or directly in the house own QCS.
- MFC Controller and Backplans can be used as spare parts for the old systems.

## CKS – APIS replacement



- A hundred percent compatible replacement for CKS or APIS Controller.
- Optional expandability with several operating units 9' Touch panel.
- Supported data connections: Serial ABB / SCL Link with automatic protocol recognition and Profinet for easy integration into the QCS newer generation.
- Data communication monitoring
- Freely configurable alarm inputs
- Set point profile with SlideBar adjustment
- Fast set point update

## LED-Card Rack replacement



- All features such CKS – APIS replacment
- Standard Siemens component
- Short circuit proof outputs
- Very fast set point update

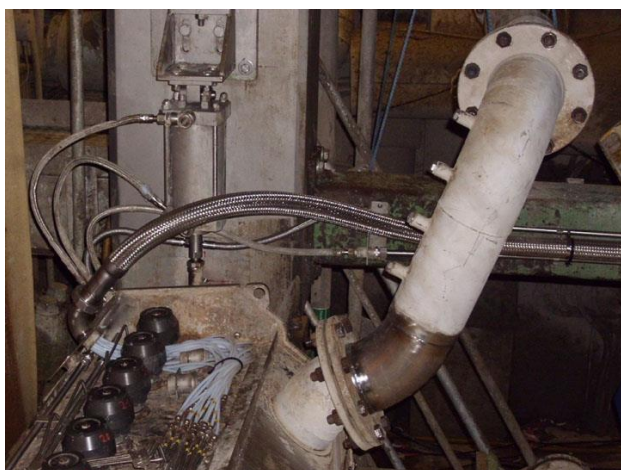


## Service and rebuild on W&H AccuSteam and Steambox of third party suppliers

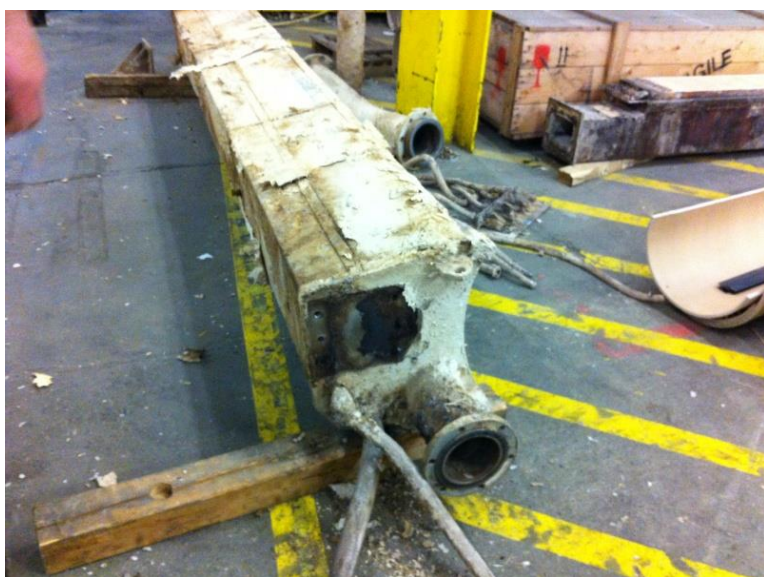
The **Woollard and Henry** Service Team is able to rebuild, modify and redesign existing systems.

The picture below shows the rebuild of a **nonW&H** Steamshower, relocated from first to second press position.

Our jobs were: replace the tubing, repair welding and modification of the steam connection. Overhauling all zone control valves.



Old VIB Steambox unit replaced by a new W&H Accusteam Steambox reusing the existing control and pneumatic lifting unit



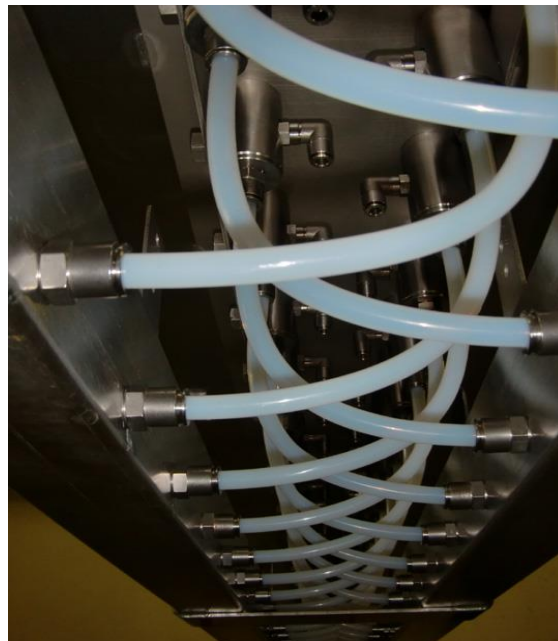
## Service and rebuild on W&H AccuShowers and Waterspray Systems of third party suppliers

We can supply a complete Waterspray Unit. Shown here a Waterspray System with 6000 mm working width and 120 spraynozzles replacing a 15 year old VIB unit



New W&H Waterspray Unit

New Internal  
Piping



Modernisation and Upgrade of 9.5 m

VISIT US [WOOLLARDANDHENRY.COM](http://WOOLLARDANDHENRY.COM) 200 Spraynozzles VIB Waterspray unit

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## Service on site

Our expert team of experienced service engineers are able to service every kind of water spray system and Steambox on site at the paper machine, during a regularly shut.

We are able to take care of and every kind of Steambox or Waterspray system even from third party supplies like VIB or Voith.

All spare parts are in OEM quality on stock. During a service on site at paper machine we have all necessary spare parts and tools available.

Parts will be cleaned, checked and if necessary, replaced.

used dirty Water Nozzles



cleaned in a ultrasonic bath



old and new  
Water Filter

