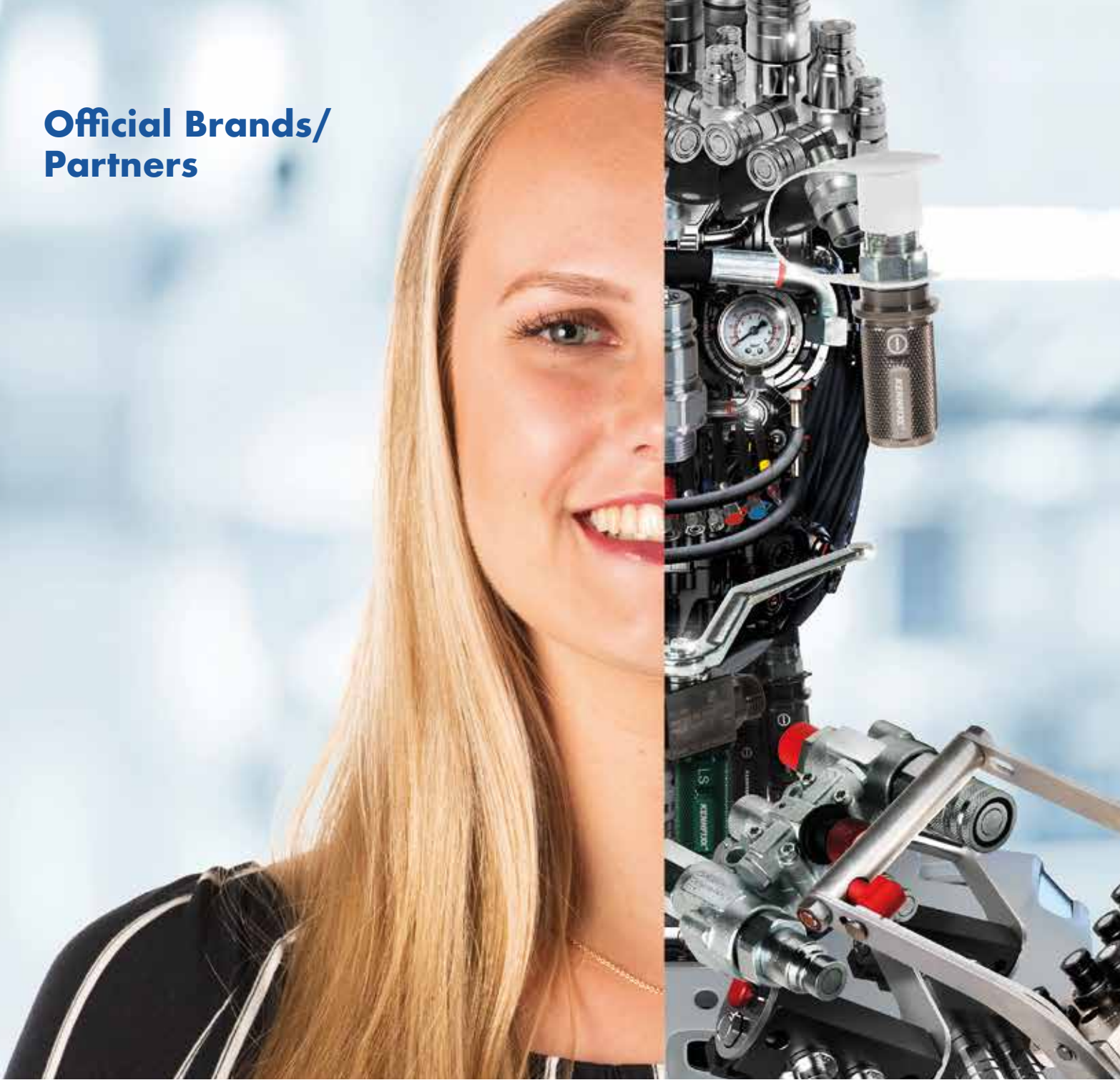


# PRODUCT RANGE



# Official Brands/ Partners



Stucchi®

**KENNFIXX**®

stahlbus®



PISTER®  
Kugelhähne

GRIFA softstep

**POLO**  
CONNECTORS



**STOPPFIXX**

**STAUFF**®

ht  
hoses technology



## Product Range

Who defines our range?

Our customers and their needs and requirements!

You specify what we offer.

We can recommend components that you might not know yet.

For more than 30 years we have been working with our reliable partners and suppliers.

They include the Italian coupling manufacturer **STUCCHI** as well as **PISTER** and **RUB** who produce ball valves and **O+P**, manufacturer of machines for hose and tube processing.

Our long-standing partnerships offer you a German partner with direct access to internationally established quality products.

For many years we have been offering the bundling of components to form hydraulic packages - just to satisfy our customers' requirements and demands; furthermore we offer construction service by means of modern software.

We manufacture hydraulic hose lines on several production lines and we assemble hydraulic components on individual customers' request.

Our hose marking system **KENNFIXX**® is individualized and assembled in Hattingen. Take advantage of our skills!

We look forward to cooperating with you as your competent partner.

Thank you for your confidence - yours sincerely

J. Wagener  
Managing Director

## Intelligent and user friendly solutions

In addition to standard tasks as a wholesale trader we develop logistic solutions with you, this ensures an intelligent delivery of components. For your benefit we work out the best solution: **PRO-Stock** or **KanBan systems** and **after sales service**.

## Contact us personally

Our professional team will be pleased to assist you in case of questions or suggestions every workday **from 8 a.m. to 4 p.m.**

## Proved to be good


We are curious to know about your requests and wishes. Together with you we meet all challenges. The ISO certifications of our quality and environmental management system attest a smooth and sustainable flow of all business processes.



# Flat Face quick coupling

Interchange: ISO 16028\*



<b>A-series ZN</b>	BSP, SAE, JIC, metric	with Zinc-Nickel-plating	up to 420 bar
<b>A-series</b>	BSP, SAE, JIC, metric		up to 420 bar
<b>FIRG-series</b>	BSP, NPT		up to 300 bar
<b>APM-series</b>	Connection under pressure		up to 350 bar 
<b>A-/APM-plug</b>	with ED-sealing		up to 350 bar
<b>FIRG Q-series</b>	Tenifer-coating / Viton		up to 300 bar
<b>A-BL-series*</b>	high number of impulses		up to 350 bar
<b>HP-series*</b>	high pressure		up to 720 bar
<b>AX-series</b>	stainless steel		up to 350 bar
<b>FL-series</b>	stainless steel		up to 350 bar

\* HP-series and A-BL-series are not interchangeable with ISO 16028



CONNECTION UNDER PRESSURE CUP

All illustrations used in this delivery program are exemplary.

# Flat Face screw coupling



<b>VP-series</b>	connection under pressure / locking mechanism	up to 600 bar	
<b>VEP-Series</b>	connection under pressure	up to 600 bar	
<b>VEP-HD-Series</b>	connection under pressure tested to 1.000.000 impulse cycles	up to 500 bar	

## Multi coupling – Flat Face Design

Connection under full residual pressure on both sides  
hydraulic - electric - air - water



Multi coupling - quick change systems		
<b>DP 2</b>	2-line system	
<b>GR 3</b>	3-line system	
<b>DP 4</b>	4-line system	
<b>GRV 5</b>	5-line system / valve block construction	
<b>GR 6</b>	6-line system	
<b>GR 10</b>	10-line system	

### Multi couplings in modular system:

different coupling sizes and types can be combined



Please find the user's manual as well as the maintenance manual on our homepage under the following link: <http://www.wagener-gmbh.com/support/>



All illustrations used in this delivery program are exemplary.

# Plug Coupling Push Pull series



<b>Push-Pull (SVK) I-series</b>	ISO 7241-1-A (Standard)	up to 250 bar
<b>BIR-series</b>	ISO 7241-1-A (Standard)	up to 350 bar
<b>I PC-series</b>	ISO 7241-1-A (with pressure relief valve)	up to 250 bar 
<b>Coupling sleeve</b>	with break-away function	up to 250 bar
<b>Plug holder</b>	Size 3	
<b>Sleeves made of die cast zinc</b>	Size 3 for Unimog	up to 250 bar
<b>IR / IRV-series</b>	Ball valves / cone valves steel	up to 300 bar
<b>IRB</b>	ISO 7241-1-B steel	up to 350 bar
<b>IRBX-series</b>	ISO 7241-1-B stainless steel	up to 250 bar
<b>TE-series</b>	nordic design optional: with pressure relief valve	up to 350 bar 
<b>Brake line coupling</b>	ISO 5676	up to 150 bar
<b>CH-series</b>	Hose connector	up to 1200 bar
<b>IRBO-series</b>	ISO 7241-1-B brass	up to 200 bar

# Screw Couplings



<b>Screw coupling</b>	Standard	up to 450 bar
<b>Screw coupling VD</b>	version, steel valve guidance	up to 450 bar
<b>Coupling</b>		up to 420 bar
<b>VLS-Series</b>	CAT design	up to 465 bar
<b>VOF-Series</b>	BSP, NPT, wing style	up to 345 bar
<b>Truck coupling</b>	EDBRO coupling	up to 250 bar
<b>SK 700</b>	high pressure tool coupling	up to 700 bar
<b>RO-Series</b>	Hammer coupling	up to 500 bar



CONNECTION UNDER PRESSURE CUP

All illustrations used in this delivery program are exemplary.

# High Pressure Ball Valves



<b>BKH</b>	block-type ball valve
<b>SKH</b>	forged steel ball valve
<b>RKH</b>	stainless steel ball valve
<b>BK3</b>	3-way diverter ball valve
<b>MKH</b>	multi-way ball valve
<b>PV</b>	ball valve panel mounting SAE
<b>BKHU</b>	3-way ball valve panel mounting
<b>FKH</b>	flanged ball valve
<b>BBKH</b>	mining ball valve
<b>ARKH</b>	stainless ball valve with welding ends / welding cones

Also available: ball valves for gas industry, petrochemistry, power plants DN 25 up to 200  
Connections: DIN, ANSI, SAE, ISO

# Brass Ball Valves

Gas - Industry - Pneumatics - Water - Heating



<b>Series 33</b>	1/4" bis 2"	full flow, heavy-duty version, DIN thread
<b>Series 90</b>	1/4" bis 2"	full flow
<b>Series 84</b>	1/4" bis 2"	approved for gas and drinking water
<b>Series 101</b>	1/4" bis 2"	3-way with T- and L- ball design
<b>Series 17</b>	DrainLok	Motor drain ball valve
<b>Series 6400</b>	1/4" bis 4"	full flow with ISO 5211-flange for actuator mounting
<b>Series CP/C-Tork/EA</b>		actuators

Further series from the RuB portfolio are available on demand

All illustrations used in this delivery program are exemplary.

# Hydraulic Lines

## Hydraulic hoses:

- Our product range includes all hydraulic hoses for construction machines, agricultural machines and for general equipment manufacturers.

- Our hydraulic hoses are suitable for hydraulic fluids on the basis of mineral oil and synthetic oil (HL, HLP, HLPD, HVLP), for oil-water emulsions (HFAE, HFAS, HFB), for water-glycol solutions as well as plant-based or mineral oil based lubricants.

Restrictions may result from manufacturer specific oil additives. In particular cases we ask you to contact us for reasons of security.

## Hydraulic hoses

On demand with pressure testing: cleaned and finished corresponding general or specific norms.



### assembled hydraulic lines

sizes: DN 6 to DN 50  
pressure range: up to 630 bar  
1SN, 2SN, 1SC, 2SC-P, 3SL, 4SP, 4SH, R13, R15, TE and thermoplastic.



### hose packages

assembled with couplings, ball valves, fittings or other hydraulic components.

## Hydraulic tubes and lines

Surfaces and materials on demand



### Assembled tube lines

- sizes: 6 to 42 mm
- wall thickness on demand
- bent and pre-assembled
- pipes in lengths



# Hydraulic Packages



Sizes: DN 6 to DN 50



## Hydraulic packages

The combination of the hydraulic articles in the package is assembled on customers demand.

We are pleased to include articles of third parties as well as drawing parts.

# Hose Safety Catch



Please find more information in our STOPflex-catalogue



## Screw fittings



You will find the wide range of DIN-fittings and adapters in our separate price list.

Surface: zinc nickel or zinc coated, alternatively stainless steel

## Swivel joints



### Angle swivel joint - plain bearing

Sizes: 1/4" bis 1 1/2"  
pressure range: up to 350 bar  
thread: BSP, metric



### Angle swivel joint - ball bearing

Sizes: 1/4" bis 1 1/2"  
pressure range: up to 350 bar  
thread: BSP, metric



### Axial swivel joint - ball bearing

Sizes: 1/4" bis 1 1/2"  
pressure range: up to 350 bar  
thread: BSP, metric



### Axial swivel joint - GA series

Sizes: 1/4" bis 2"  
pressure range: up to 200 bar  
thread: BSP, inner thread, outer thread

## Hydraulic accessories



- Manometers
- Throttle check valves
- Throttle valves
- Pipe breakage protection
- Apertures (covers)
- Tube cleaning and hose cleaning
- Tube clamps and hose clamps
- Flanges
- Measuring technology
- Maintenance plugs
- STOPPFIXX

All illustrations used in this delivery program are exemplary.

# Swaged couplings and bulk hose



## Series Ecovos and Ecovos +

Sizes: ON 6 to ON 50  
pressure range: up to 630 bar  
1 SN, 2 SN, 1 SC, 2 SC, 3 SL, 4 SP, 2 SC-P



## Series Multivos

Sizes: ON 6 to ON 50  
pressure range: up to 630 bar  
4 SH, R 13, R 15



## Standard and special fittings

Sizes: ON 6 to ON 50  
Pressure range: up to 630 bar  
1 SN, 2 SN, 1 SC, 2 SC, 4 SP



## Hydraulic hose

Sizes: ON 6 to ON 50  
Pressure range: up to 630 bar  
1 SN, 2 SN, 1 SC, 2 SC, 3 SL, 4 SP, 4 SH, R 13, R 15  
TE and thermoplastics.  
Bulk hose available on rolls for individual self assembly.

## Spring guards (abrasion protection spiral)



HDPE (hard propylene) for the protection of hydraulic hoses and for bundling a number of hoses

**Temperature range:** -60 °C + 100 °C

## MINETEX Textile hose



ht  
hoses technology

Polyamide hose cover for the protection of hydraulic hoses and for bundling a number of hoses

Standard name: **MSHA IC-312/1**

**Temperature range:** -40 °C + 120 °C

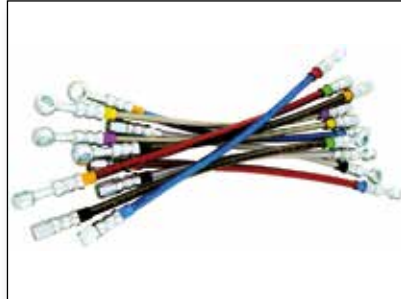
- extremely abrasion-proof
- customer logo possible

All illustrations used in this delivery program are exemplary.

# For motor vehicles since 1935 / motor cycles

(also Harley Davidson)

**BrakeQuip**  
INNOVATIVE SOLUTIONS FOR AUTOMOTIVE TUBES AND HOSES



- **Braking lines**

Rubber coated / stainless steel coated PTFE-hoses with ABE or test certificate

- **Brake pipes**

- **Power-steering pipes**

- **Fuel lines**

- **Tools**

# stahlbus®- transfer valve for hydraulic systems and engines

The intelligent solution!



stahlbus®

**Application example: oil change**  
Safe. Clean. Fast.

This valve allows traditional filling, draining and rinsing of systems and containers in an absolute safe, clean and fast way.



DATA SHEET

**application appropriate for filling under pressure and rinsing.**

# stahlbus®- bleed valve

More „Performance“ thanks to Sahlbus ®-System

**easy bleeding of systems!**

**The construction**



DATA SHEET

**application appropriate for hydraulic cylinders and pneumatic clamping devices.**

**Unsafe. Unclean. Slow.** The traditional method of bleeding hydraulic systems, e. g. brakes or couplings has a significant disadvantage - when loosening the traditional exhauster screw during the bleeding procedure the thread

is not sealed. Thus air may come in and hydraulic fluid may come out. Furthermore persistent air bubbles have the time to „claw“ at neuralgic places - not with stahlbus solutions anymore!

# STOPPFIXX

## Maintenance Plug With „Wow“-Factor!



- Shining colour: alarm red, does not get lost
- No catch tank, no cleaning cloth necessary
- For short-term closure of lines
- 3 in 1, proper size always at hand
- 2 - 42 mm, one plug for all sizes
- Applicable at temperatures from - 45°C to + 120 °C.
- Only about 100 grams light



adhesive effect ensures  
stepless adjustment

## Marking of couplings and hydraulic lines

# KENNFIXX<sup>®</sup>-SYSTEM

## HYDRAULICS · AIR · PARKING STATION



The innovative  
hydraulic plug grip  
with marking of couplings for construction  
machines and agricultural machines.

### 10 COLOURS

### ALL ADVANTAGES - ONE PRODUCT!

- Quick overview by colour system and polarity specification
- Easy assembling
- High quality and modern design
- Antislip by perfect haptics
- Anodized aluminium
- Customer logo/ function logo upon request

### available versions:



UPC



Restrict



Filter



BG2



BG3



BG4



with throttle function

- Use it for setting „pick-up function“ for example
- Flow rate firmly adjustable, stepless
- Available in BG3, 1/2" upon request



- Gives a new home to your line connections at the attachment
- The patented parking solution with magnetic holders
- Strong magnets for safe hold of the connectors
- Housing with space for 4 lines, other sizes available on demand
- Suitable for various types and sizes of couplings
- Ideal addition to **KENNFIXX<sup>®</sup>** hydraulic hose markings
- Cleanliness and safety for YOUR connectors, suitable for YOUR machine
- Saves time - saves money, helps to avoid contamination
- Quick and easy assembling

The innovative pressure air plug with marking of coupling for pressure air lines



- Adjustment of the pressure hose routing path possible by means of adjustable screw nut
- Avoiding of bending / tearing out the pressure hose by means of angled connector
- Standard connector M16 x 1,5 available
- Fast differentiation by means of colour system (red and yellow)
- Easy assembling
- High quality and modern design
- Anti-slip by perfect haptics
- Anodized aluminium, customizable with company logo



## Quick couplings for test purposes

**POLO** CONNECTORS quick couplings are the perfect solution for component tests under pressure with various media.

**POLO** quick couplings are ideal for functional tests of circuits and components that end with one of the following:

- inner thread
- outer thread
- profile
- form
- collar
- flange
- smooth tube

and when highest reliability, safety and maximum comfort for the operator is necessary.

For all manufacturers and suppliers of circuits or components working with pressure as well as for producers who test and grant the tightness of their products, **POLO** CONNECTORS are a must: A quick and safe and direct connection of the test item to the coupling can be ensured.

The usage of the patented **POLO** quick couplings grants a significant reduction of the engagement and disengagement times. Furthermore it simplifies the work of the operator.

The excellent benefits of **POLO** CONNECTORS are the significant timesaving during the coupling procedure and the reduction of joint stress for the operator.

**POLO** CONNECTORS quick couplings are perfect for function and pressure tests in the following application areas:

- Automotive
- Manufacturers of test systems
- Subcontractors of the automobile industry
- Manufacturers of pressure vessels
- Heating and cooling
- Test laboratories
- Hydraulics
- Laboratories for product testings
- Engine construction
- Manufacturers of valves
- Manufacturers of hydraulic cylinders
- Manufacturers of pneumatic cylinders
- Manufacturers of fittings etc.

**Push pull design with double safety system against unintended decoupling**



All illustrations used in this delivery program are exemplary.



# The access ladder for large mobile machines

The fast and safe way to get on and to get off



## GRIFA softstep

### Technical data:

**Weight:** 30 kg

### Installation dimensions:

400 x 670 mm (resp. 915 mm)

### Access height:

Depending on the machine (ø about 25 cm)

### \* Brand compatible:

Can be refitted to all brands.

Your local mechanic will be pleased to assist you.



# Machines for hose processing



-  Pressing
-  Cutting
-  Skinning
-  Printing
-  Assembling
-  Cleaning
-  Testing
-  Filtering
-  Accessoires



Workbench

Service and maintenance.

## Machines for tube processing



Multifunction



Deburring



Flanging



Bending



Mounting M+D

Service and maintenance.



## CONNECTIONS THAT LAST.

Ernst Wagener Hydraulikteile GmbH  
Am Walzwerk 4  
45527 Hattingen

Tel. +49 2324 68626-0  
Fax +49 2324 68626-70

service@wagener-gmbh.com  
www.wagenerhydraulik.de



## ORDERFIXX<sup>®</sup>



**The order APP**  
Free of charge from the  
App Store & Google Play Store  
Simple ordering via smartphone.



- **easy product selection**  
via scan or manual entering  
on the smartphone
- **Order**  
at Ernst Wagener Hydraulikteile GmbH  
only with customer account
- **your own barcodes or article numbers**  
after first entering by us
- **manual entering is possible**  
if your mobile phone camera does not work