

**GS-HYDRO**

# END FORMING MACHINES



**GS-PIPING WITHOUT WELDING™**



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# Reshaping machine

## M-WF 385Xplus

### Walform machine

Tube diameter range .....6–42 mm  
 Capacity of oil tank.....6 l  
 Maximum hydraulic pressure.....650 bar  
 Dimensions (LxWxH) .....990x850x275 mm  
 Weight.....290 kg  
 Power requirements.....2.8 kW



- Reshaping without internal support
- Reshaping with internal support

### Reshaper for WALFORMplus steel St 37.4/52.4

Tube O.D. [mm]	Wall Thickness [mm]								
	1	1.5	2	2.5	3	3.5	4	5	6
	Reference								
6	612 284	615 820							
8	612 555	615 821	615 822						
10	612 557	615 823	615 824	615 825	615 826				
12	612 559	615 827	615 830	615 831	615 832				
15		615 833	615 836	615 839					
16			615 842	615 845	615 848		615 849		
18			615 850	615 853	615 856				
20			615 857	615 860	615 863		615 864		
22			615 865	615 995	615 868	615 869			
25			615 870	615 873	615 876	615 877	615 878	615 994	
28			615 879	615 882	615 885	615 888			
30				615 889	615 892		615 895		615 896
35					615 897		615 900	615 901	
38					615 902		615 905	615 906	615 907
42					615 908	615 911	615 914		

### Reshaper for WALFORMplus stainless steel 1.4571

Tube O.D. [mm]	Wall Thickness [mm]								
	1	1.5	2	2.5	3	3.5	4	5	6
	Reference								
6	612 284	615 917							
8	612 903	615 918							
10	612 904	615 919							
12	612 560	615 920	615 921						
15		615 922	615 925						
16			615 928	615 931	615 934				
18			615 935	615 938	615 941				
20			615 942	615 945	615 948				
22			615 949	615 952	615 955				
25				615 956	615 959		615 960		
28			615 961	615 964	615 967				
30				615 970	615 973		615 976	615 977	
35					615 978		615 981	615 982	
38					615 983		615 986	615 989	615 990*
42					615 991				

## Pre-assembly machines

### Tractopress

#### Cutting ring assembly device w/ autom. pressure adj.

##### Features/Equipment

- Compact and rugged table-top unit for mobile and flexible use
- Assembly of most customary single-bite and double-bite cutting rings
- Proof and leakage-free assembling due to automatic pressure adjustment
- Integrated cooling for hydraulic oil
- Short assembling times of only few seconds
- Short set-up time when changing the tube diameter

##### Options

- Storage box for clear depositing of the tools (assembling connections and counter-support plates)



### Pre-assembling machine PACE1PRESS

- Light, but extremely powerful. Designed for hydraulic and sprinkler pipes (also High Fog) installations.
- Easy and simple to use: Socket change and pressure adjustment take just few seconds.
- Easy to move around with the shoulder strap, that also reduces stress on arms.
- Revolutionary technology protected by several global patents.



Technical Data	
Tube diameter range	6–42 mm
Hydraulics	3.7 l/min.
Capacity of oil tank	3 l
Max. hydraulic pressure	200 bar
Feed rate of the piston	9.3 mm/sec.
Dimensions (LxWxH)	450x250x450 mm
Weight	Approx. 50 kg
Power requirement	1.1 kW

Technical specifications	
Battery operated	
Voltage	18 V
Weight	7 kg
Pipe diameter	min. Ø6 mm, max. Ø42 mm

## Deburring machines

### Tubograt 48/60

Internal and external deburring device for tubes

Features

- Compact and rugged table-top unit for mobile and flexible utilisation
- Special deburring tools made from HSS (high-speed steel) for Tubograt 48/60
- Clean internal and external deburring due to the fixed rotation speed of the deburring tools
- Integrated collecting box for metal chips
- User-friendly and easy to service



Tubograt 48



Tubograt 60

Technical Data	Tubograt 48	Tubograt 60
Tube diameter range	6–48 mm	20–60 mm
Tool rotation speed	180 min.	140 min /280 min
Dimensions (WxHxD)	440x250x310	510x265x375
Weight, approx.	21 kg	33 kg
Operating voltage	400V 50Hz 3Ph	400V 50Hz 3Ph
Power requirement	0.12kW	0.37kW

## Tube cutting machines

### Perfect 250

The saws is manufactured to EEC rules, equipped with a "cooling system", automatic pump and a "closed" cooling liquid tank.

The machines require limited floor space.

Maximum sawing angle 45°.

Operating voltage 230/400V 50Hz 3Ph.

Recommended used in repair shops and in smaller workshops.



Type	Max. O.D. tube	Saw blade	Saw blade speed	Power requirement	Weight	Dimensions (LxWxH)
P250	80 mm	250x2x32	2 speed 52/104	1/0.8 kW	73 kg	700x850x400 mm
P275	90 mm	275x2x32	2 speed 33/66	1.3/1.1 kW	112 kg	850x970x500 mm
P300	102 mm	300x2x32	2 speed 33/66	2/1.5 kW	135 kg	1050x990x500 mm

### H250

- Compact bench mounted or portable saw for cutting small to medium size tube.
- Adjustable twin clamping system provides a clean cut even at 45°
- Manual quick adjustment of the head when cutting 0°
- A pump provides a continuous flow of coolant from the base tank (S225 got patented mechanical low-consumption lubrication)
- Complete protection is provided by the special cover and adjustable devices.
- Fully equipped with tool bag containing special tools required for adjustments and maintenance.



Type	Max. O.D. tube	Saw blade	Saw blade speed	Power requirement	Weight	Dimensions (LxWxH)
S225	70 mm	225x2x32	2 speed 56/112	1.2/0.8 kW	48 kg	650x300x720 mm
H250	80 mm	250x2x40	2 speed 50/100	1.4/1.1 kW	70 kg	700x420x800 mm
H300	95 mm	315x2.5x40	2 speed 45/90	1.4/1.1 kW	140 kg	750x450x900 mm

## Cleaning system

### Jet Cleaner

#### For tubes and hoses

System is based on mechanical cleaning by "shooting" a polymer foam plug through pipes and hoses with compressed air. The cleaning plugs is approx. 20% larger than the i.d. of the hose/pipe. The compressed plug will rotate, -and absorb, "on it's way", dirt and other impurities from the inside walls on tubes/hoses. When repeating this operation twice, a normal cleanliness-requirement is will be achieved.

Recommended air pressure: 6-8 bar (dry air)

Jetcleaner part no. 201, combined machine  
 Jet Tube Kit, incl. 15 pcs. nozzles for pipe, complete with case.  
 Case for hose and pipe nozzles, part no. 204.  
 Table holder, part no. 205.  
 Adaptor for pipe nozzle, part no. 300.



Gun part no. 201  
 Capacity pipes – 6–60 mm o.d.



A case with 5 nozzles for pipes (6–42 mm)

Part No	Pipe nozzle dimension	Part No	Pipe nozzle dimension
Jet-0610	6x1 mm	Jet-2525	25x2.5 mm
Jet-0615	6x1.5 mm	Jet-2530	25x3 mm
Jet-0810	8x1 mm	Jet-2540	25x4 mm
Jet-0815	8x1.5 mm	Jet-2820	28x2 mm
Jet-1010	10x1 mm	Jet-2830	28x3 mm
Jet-1015	10x1.5 mm	Jet-3020	30x2 mm
Jet-1020	10x2 mm	Jet-3030	30x3 mm
Jet-1215	12x1.5 mm	Jet-3040	30x4 mm
Jet-1220	12x2 mm	Jet-3520	35x2 mm
Jet-1515	15x1.5 mm	Jet-3530	35x3 mm
Jet-1520	15x2 mm	Jet-3830	38x3 mm
Jet-1620	16x2 mm	Jet-3840	38x4 mm
Jet-1625	16x2.5 mm	Jet-3850	38x5 mm
Jet-1815	18x1.5 mm	Jet-4220	42x2 mm
Jet-1820	18x2 mm	Jet-4230	42x3 mm
Jet-2020	20x2 mm	Jet-4240	42x4 mm
Jet-2025	20x2.5 mm	Jet-5030	50x3 mm
Jet-2030	20x3 mm	Jet-5050	50x5 mm
Jet-2215	22x1.5 mm	Jet-6030	60x3 mm
Jet-2220	22x2 mm	Jet-6050	60x5 mm
Jet-2520	25x2 mm		

### Cleaning Plugs for Pipes/Tubes

Plug No	Hose i.d. [mm]	Standard pcs/bag
135-04	3	300
135-05	4	300
135-07	5	300
135-08	6	300
135-09	7	300
135-10	8	300
135-12	9	300
135-14	10–11	300
135-16	12	300
135-18	13–14	300
135-20	15	300
135-22	16–17	100
135-25	18	100
135-26	19	100
135-28	20–21	100
135-30	22–23	100
135-33	24–25	100
135-35	26–27	50
135-38	28	50
135-40	29–31	50
135-45	32–35	50
135-50	36–40	50
135-55	41–45	50
135-60	46–50	50
135-65	51–55	50





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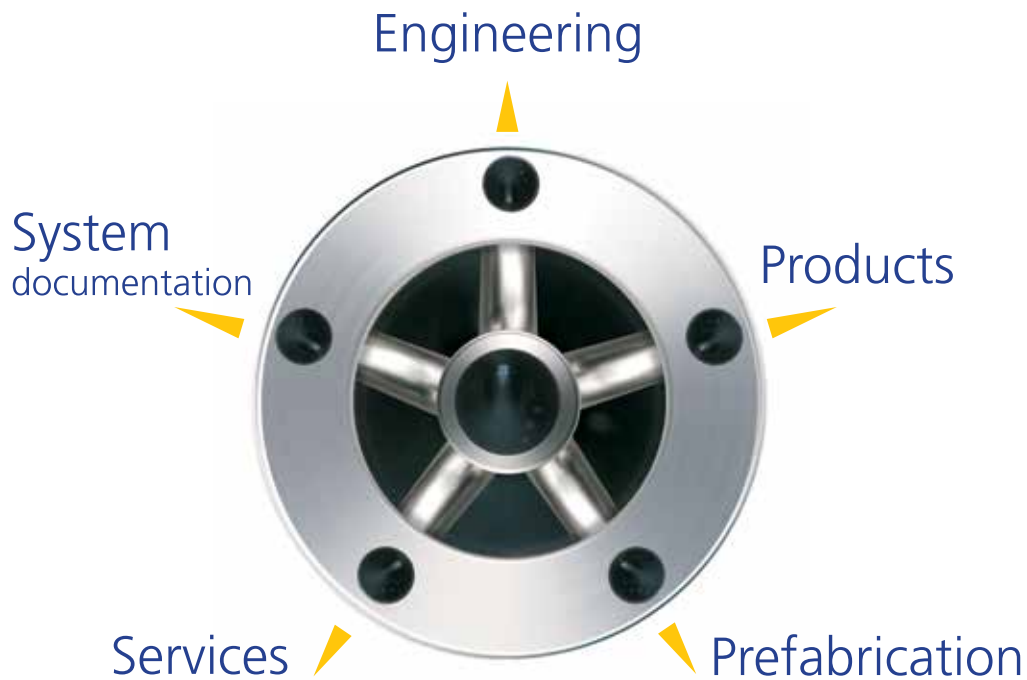
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**GS-Hydro** is the original provider of non-welded piping solutions with numerous benefits for a wide variety of demanding applications. We create value together with our customers by providing innovative fluid transfer solutions which enable safe operation, reduced environmental impact and lower total cost of ownership. We deliver our piping and hose solutions globally in more than twenty-five countries through own companies and partners.

## GS-Hydro system offering



8990306613 Product Offering End Forming Machines, January 2015



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