

GS-HYDRO

HOSE ASSEMBLING MACHINES



GS-PIPING WITHOUT WELDING™



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Swaging machines



20MS



32MS

20MS and 32MS hose crimping machines

	20MS	32MS
Hose size [inch]	1 1/2"	2"
Swaging force	1370 kN	2000 kN
Motor	3 kW	4 kW
Dimensions (LxWxH)	630x800x626	630x800x637
Weight, approx.	157 kg	205 kg

Standard dies

Code	Swaging dia. [mm]	Code	Swaging dia. [mm]
20-10	10–12	32-10	10–12
20-12	12–14	32-12	12–14
20-14	14–16	32-14	14–16
20-16	16–19	32-16	16–19
20-19	19–23	32-19	19–22
20-23	23–27	32-22	22–26
20-27	27–31	32-26	26–30
20-31	31–36	32-30	30–34
20-36	36–41	32-34	34–39
20-41	41–47	32-39	39–45
20-47	47–54	32-45	45–51
20-54	54–61	32-51	51–57
		32-57	57–63
		32-63L	63–69
		32-69L	69–75
		32-74L	74–80
		32-78L	78–87

Swaging machines

SM 625 E

Electro hydraulic hose crimping machine

Max. fitting size	1"
Maximum pressure	300 bar
Swaging force	1100 kN
Power requirement	230/400V 50Hz 3Ph
Dimensions (LxWxH)	285x190x340 mm
Weight	29 kg



SM 32 MC

Electro hydraulic hose crimping machine

Swaging range	1/4" to 1 1/4"
Maximum pressure	300 bar
Swaging force	1450 kN
Power requirement	230/400V 50Hz 3Ph
Motor	2.2 kW
Dimensions (LxWxH)	640x430x590 mm
Weight	125 kg



SM 38 EC/SC

Electro hydraulic hose crimping machine

Swaging range	1/4" to 1 1/2"
Maximum pressure	300 bar
Swaging force	1500 kN
Power requirement	230/400V 50Hz 3Ph
Motor	4.0 kW
Dimensions (LxWxH)	640x565x640 mm
Weight	172 kg



SM50 EC/SC

Electro hydraulic hose crimping machine

Swaging range	1/4" to 2"
Maximum pressure	300 bar
Swaging force	2500 kN
Power requirement	230/400V 50Hz 3Ph
Motor	5.5 kW
Dimensions (LxWxH)	680x655x740 mm
Weight	273 kg



Accessories for SM-machines



Stand with QC-rack



QC-handle

Dies for the SM-machines

SM625 Dies		SM32MC Dies		SM38EC Dies		SM50EC Dies	
Code	Min. swag. dia.	Code	Min. swag. dia.	Code	Min. swag. dia.	Code	Min. swag. dia.
38-08	8 mm	38-08	8 mm	38-08	8 mm	50-08	8 mm
38-11	11 mm	38-11	11 mm	38-11	11 mm	50-11	11 mm
38-14	14 mm	38-14	14 mm	38-14	14 mm	50-14	14 mm
38-17	17 mm	38-17	17 mm	38-17	17 mm	50-17	17 mm
38-20	20 mm	38-20	20 mm	38-20	20 mm	50-20	20 mm
38-23	23 mm	38-23	23 mm	38-23	23 mm	50-23	23 mm
38-26	26 mm	38-26	26 mm	38-26	26 mm	50-26	26 mm
38-31	31 mm	38-31	31 mm	38-30	30 mm	50-30	30 mm
38-34	34 mm	38-34	34 mm	38-34	34 mm	50-34	34 mm
38-39	39 mm	38-39	39 mm	38-39	39 mm	50-39	39 mm
		38-43	43 mm	38-45	45 mm	50-45	45 mm
		38-45	45 mm	38-51	51 mm	50-51	51 mm
						50-57	57 mm
						50-63	63 mm
						50-69	69 mm
						50-75	75 mm

Hose cutting machines

SPV 1010

Hose capacity 1-2 layers	1/4" to 1 1/2"
Motor	2.2 kW
Power requirement	230/400V 50Hz 3Ph
Velocity	2840 rpm
Dimensions (LxWxH)	600x500x520 mm
Weight	36 kg



CM75PH

The CM75PH hose cutting machine has been designed to cut up all types of hoses up to 2" diameter 4-spiral hoses. The 520 mm diameter blade operates at 3000 rpm. The hose is pushed against the blade by a pneumatic cylinder. Piston movement speed can be quickly and easily adjusted to choose optimal cutting speed for each type of hose.

Technical specifications	
Hose size	2"
Controls	foot pedal
Noise level	74.9 dBA
Motor	7.5 kW
Standard voltages	230 V or 400 V
Number of cuttings/h	300
Protection class	IP54
Length	990 mm
Width	714 mm
Height	1318 mm
Weight	220 kg



CM 70F and CM 100F

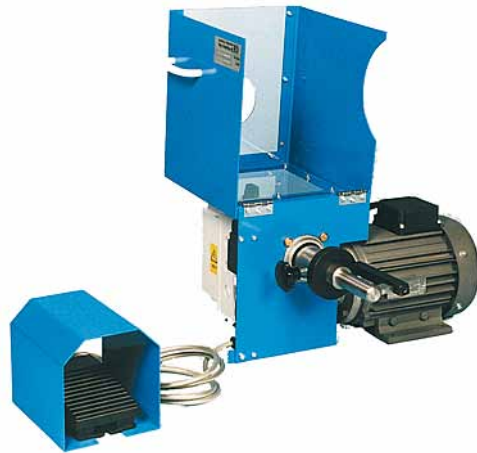
	CM70F	CM100F
Max. hose size	70 mm	100 mm
Motor	2.2 kW	4.0 kW
Power requirement	230/400V 50Hz 3Ph	230/400V 50Hz 3Ph
Velocity	3000 rpm	3000 rpm
Dimensions (LxWxH)	470x730x900	470x730x900
Weight	90 kg	112 kg



Hose skiving machine

HS 50 F2

Hose capacity	1/4" to 2"
Motor	1.1 kW
Power requirement	230/400V 50Hz 3Ph
Velocity	200 rpm
Dimensions (LxWxH)	490x460x270 mm
Weight	25 kg



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
 Jetcleaner, incl. 9 pcs. nozzles for hose, complete with case.
 Case for hose and pipe nozzles, part no. 204.
 Table holder, part no. 205.



Gun part no. 201
 Capacity hoses – 1/4"–2" i.d.



A case with 9 nozzles for hose

Part No	Hose nozzle dimension
Jet-14	1/4"
Jet-516	5/16"
Jet-38	3/8"
Jet-12	1/2"
Jet-58	5/8"
Jet-34	3/4"
Jet-1	1"
Jet-114	1 1/4"
Jet-112	1 1/2"
Jet-2	2"

Cleaning Plugs for Hoses

Plug No	Hose i.d.	Standard pcs/bag
150-09	1/4"	300
150-12	5/16"	300
150-14	3/8"	300
150-18	1/2"	300
150-22	5/8"	100
150-26	3/4"	100
150-33	1"	100
150-40	1 1/4"	50
150-50	1 1/2"	50
150-65	2"	50

Cleaning system

Ultra Clean for hoses

The UC-HL Hand Launchers are made of precision machined aluminium and fully anodized for harsh environments and heavy use.

ISO 13/10-cleanliness level can be achieved by using the Ultra Clean System.

UC-HL hand launchers supplied with full flow QC & unique 360° rotary coupling for non fatigue operator use.

Capsity:

- UC-HL is capable of cleaning 1/8" through 3 1/2" I.D.
- Recommended air pressure: 80-110 psi max.
- 5 micron filter and regulator strongly recommended.

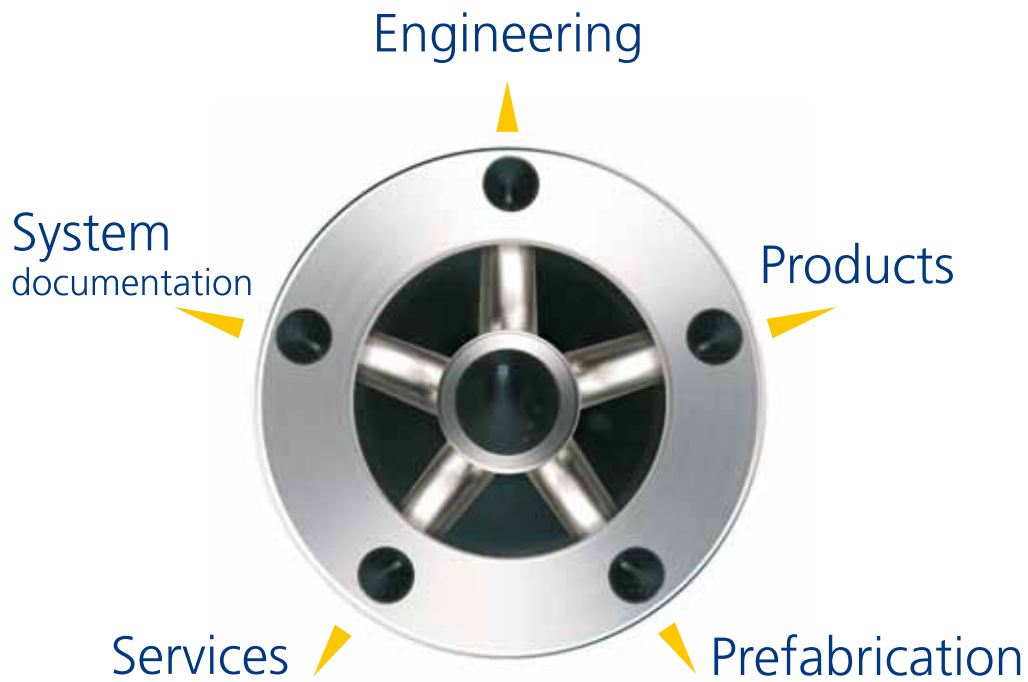
Part No	Description	Dimension
UCEL 125	Launcher	1/8" – 1 1/4"
UCHL 2	Launcher	1/8" – 2"
UCAR 1	Adaptor	For 1/8" – 1 1/4" to UCHL 2
UCHL 35	Launcher	1/8" – 3 1/2"
UCAS 2	Adaptor	For 1/8" – 1 1/4" to UCHL 35
UCAR 3	Adaptor	For 1 1/2" – 2" to UCHL
UCBM 1	Bench mount launcher	1/8" – 1 1/4"
UCBM 2	Bench mount launcher	1/8" – 2"
UCHN 25	Nozzle holder	
UCPC	Projectile cather	
UCQRCRP	Rotary plugs for UCHL 2 and UCHL 3.5	
UCS	Stand for UCHL 2 and 3.5	

Hose i.d.	Nozzle Part No	Projectile Part No	Pck qty projectiles
1/4"	UCH 06	UC 10	100
5/16"	UCH 08	UC 12	100
3/8"	UCH 10	UC 14	100
1/2"	UCH 13	UC 18	100
5/8"	UCH 16	UC 22	50
3/4"	UCH 19	UC 26	50
1"	UCH 25	UC 33	40
1 1/4"	UCH 32	UC 40	30
1 1/2"	UCH 38	UC 50	20
2"	UCH 80	UC 60	15
2 1/2"	UCU 5590	UC 75	10
3"	UCU 5590	UC 85	10



GS-Hydro is the original provider of non-welded piping solutions with numerous benefits for a wide variety of demanding applications. The company operates globally in more than twenty-five countries through own companies and partners. GS-Hydro supplies complete piping systems with engineering, products, prefabrication, services and documentation.

GS-Hydro system offering



ISO 9001
MED 96/98/EC
DNV PED 97/23/EC

GS-Hydro
sales@gshydro.com
www.gshydro.com

