



Image Catalog

The Best Return on Investment



We are your global partner for innovative and leading crimp technology.

UNIFLEX, that means:

- High class craftsmanship and the highest precision – from development to worldwide delivery
- Individually tailored solutions for your current and future requirements
- Sustainable innovations from the crimper to the fully integrated process
- Quality, reliability, and durability for optimal resource conservation
- Collaboration with highly motivated employees and support from an extensive service network



We are only satisfied when our customers' customers are satisfied.

Uwe Bonkat,
Managing Director / President

UNIFLEX Success Story

1972 UNIFLEX-Hydraulik GmbH is founded by Peter Schröck, a machine builder in Frankfurt am Main.



HM 10 hose press.



2011 Founding of UNIJJOIN Machinery (Shanghai) Co., Ltd as a production and installation operation for the local market.



2013 India: Opening of the subsidiary in Bangalore.



since 1986 Innovations, such as the legendary sliding bearing technology, made UNIFLEX the leading supplier of machines for producing hose assemblies.



2014 Uruguay: Opening of the subsidiary in Montevideo.



1992 Takeover and substantial expansion and modernization investments by the Freiherren von Waitz group of companies.



2015 Introduction of the HMC 12-2000, the strongest 8-jaw press, with 2000 tonnes of press force and UNIFLEX sliding bearing technology.



1996 Construction of the new corporate building in Karben, with modern production and office space, 10 km north of Frankfurt, with excellent freight connections.



2016 Russia: Opening of the partner company in Yekaterinburg.



1998 Subsidiary UNIFLEX of America LLC (Plymouth Minnesota / USA) is established to serve the markets on the American continents.



2017 45 years of UNIFLEX in Pop Art Style: UNIFLEX and the Pop Art era are about the same age, and both brought about a transformation.



2000 Founding of UNIFLEX CNC Metalltechnik GmbH in Grossalmerode, near Kassel, as a supplier operation for the manufacture of standard and specialty press frames.



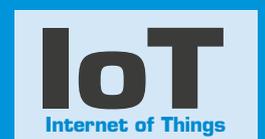
Japan: Sales representative office opened.



2001 Founding of UNIFLEX Spezialmaschinenbau GmbH as an international cooperation with fluid engineering specialists Clavel and REM.



2020 IoT – Internet of Things
IoT-driven automation is revolutionizing hydraulic hose line machines.



2004 Subsidiary UNIFLEX-Hydraulik Asia-Pacific Pte. Ltd. (Singapore) is established to serve the markets of the Asia-Pacific region.



Industry 4.0



2008 ISO 9001 BUREAU VERITAS Certification.



2022 50 years of UNIFLEX



2009 Subsidiary UNIFLEX-Hydraulik Trading (Shanghai) Co., Ltd. in China is established to expand the continuously growing Asian business.



2024 CMA (Crimp Manager App by UNIFLEX)



Our Values. Our Standard.



Craftsmanship & Precision

The precision of manufacturing, in collaboration with trusted suppliers ensures the quality and longevity of our machines.



Innovation & Superior Quality

The demand-driven technical development sets the standard of tomorrow.



Service & Support

Your complete satisfaction is our top priority. That's why we place great emphasis on comprehensive global consulting.

service@uniflex.de

In need of help? Send us a video:

WeChat: +49 (0) 152/03540155

WhatsApp: +49 (0) 152/03540155



Warranty

UNIFLEX takes pride in its machines and offers a two-year warranty on new products. For production and SC presses, we even provide a three-year warranty. Even a pre-owned machine comes with a one-year warranty from us.



Personalized & Flexible

UNIFLEX machines are universally applicable fittings of all kinds and versatile in their range of applications.



Global Presence

The UNIFLEX Team is always readily available, offering consultation, showrooms and warehouses at the following locations: Karben (DE), Singapur (SG), Schaumburg (IL, USA), Montevideo (UY), Bangalore (IN), Shanghai (CN).

sales@uniflex.de

Sustainability is Worth it



The Technology for Sustainability

Slide bearing technology for maximum durability and efficiency.

With UNIFLEX's innovative slide bearing technology, hydraulic presses last significantly longer—requiring minimal maintenance. Thanks to reduced wear costs and a lifespan of over 25 years, this technology delivers not only an unbeatable return on investment but also true sustainability. After all, a long-lasting machine reduces resource consumption and promotes environmental protection.

This reduces the cost per pressing cycle to an incredible € 0,0021!

Living longer and working more sustainably means that even after 25 years and 16.000.000 pressing cycles, these machines are still in operation.



The Cost Fact Check

Replacing slide bearings, oil and springs, along with a revision every two years, costs approximately €14.000 over an average lifecycle of 23 years. Added to a machine price of €20.000, this results in total costs of €34.000 for 16.000.000 pressing cycles.

Additionally, the slide bearing technology requires just two minutes of service per week to vacuum out deposits. In contrast, lubricated machines need around 7 minutes, including both cleaning and applying the lubricant.





Craftsmanship & Precision

Reliable Craftsmanship Made in Germany

The precision of manufacturing, in collaboration with trusted suppliers, ensures the quality and longevity of the machines; as a result, it guarantees the superior quality of your premium workpieces processed with our machines.



Ultimate Precision

At UNIFLEX, we ensure the quality and longevity of our machines through precise manufacturing and close collaboration with carefully selected suppliers. Our precisely engineered machine components guarantee the highest precision for your workpieces. Additionally, we offer a two-year functional and material warranty on all devices to provide you with maximum reliability.

Innovation & Superior Quality

Sustainable Advancement

UNIFLEX builds on its innovation lead and continuously develops practical, ergonomic machines for hose manufacturing and repair.

Slide Bearing Technology – The innovative Foundation

Our highly precise, self-lubricating slide bearings are an essential component of our machines. They enable quiet operation with low friction, high load-bearing capacity and excellent impact resistance—making them ideal for dry running.

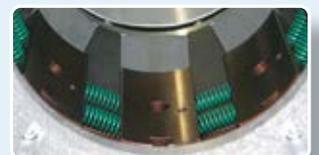
Digital speed control

Speed Control – digitally controlled flow divider for precise machine movement. With our new, digitally controlled flow divider for production presses, the hydraulic oil flow can be precisely regulated and the workpiece is formed more gently.

CMA – Crimp Manager App by UNIFLEX

Innovative App Management for Online Data Exchange between Hose Crimper and Central Administration.

UMAT 2 – Mobile Working Stations



Personalized & Flexible

Modularity and Versatility for Tailored Solutions

UNIFLEX stands for perfection in precision. Our modular hose presses enable tailored solutions for a wide range of requirements. Through continuous market observation and customer needs analysis, we consistently develop new modules and models to meet the evolving demands of our customers.

UNIFLEX hose presses stand out with their modular design, allowing for flexible adaptation to a wide range of requirements and applications. Market analyses and customer needs assessments are directly integrated into the development of new modules and models.



User-Oriented

Through continuous exchange with our customers, we systematically integrate practical insights into the further development of our catalog products. Key aspects such as handling, usability, safety and ergonomics are always at the forefront.



Customized and Flexible Solutions From Consultation to Custom Manufacturing

- Design and construction of your next work machine, tailored exactly to your needs
- Customer-specific modifications
- Optimizations



- In-house developed control software for individual needs.
- UNIFLEX develops and programs suitable software.
 - Intuitive with integrated visualization.
 - Operation via touch screen or app.
 - Production integrated and networked.
- Modifications according to your requirements.

Warranty, Service and Presence

Mutual Partnership

At UNIFLEX, close and flexible collaboration with our customers is our top priority. We listen, analyze feedback, and develop solutions that continuously optimize the operation and availability of our machines.

Reliability & Service

Our products stand for precision and longevity – worldwide. With over 50 years of experience, we offer personalized consulting, training, logistics solutions, as well as testing and demonstration sessions. This allows you to focus on your core business.

Direct Support – Simple & Fast

Whether it's maintenance, repair, or remote support – we are here for you. A single point of contact takes care of your needs, ensuring your machines are always ready for use.

Trainings for Maximum Efficiency

Utilize our training sessions to learn how to use your machines safely and efficiently. This way, you get the most out of your UNIFLEX solution



- Optimize delivery times (shorten)
- Minimize risk
- Lower transportation costs
- Flexibly react to unexpected changes

**Authorised
Economic
Operator**

Customs & Compliance at a Glance:

- Customs Guidelines
- Export Regulations
- Export Declarations
- Import Procedures

Visit our showrooms at our global branches and experience UNIFLEX technology live. Discover our innovative solutions and get expert advice from our team. We look forward to your visit!



China



India



USA



Uruguay



Singapore

Selection of Products from our Assortment

With a wide range of products for all applications and hose diameters, UNIFLEX provides the industry with everything it needs to consistently deliver optimal production, assembly, repair, and service quality to its customers.



Service Crimpers

Suitable for service and workshop



Cutting Machines



Production Crimpers

Suitable for series production



Suction Devices



Control

Software, networking & Peripherals



Test Benches

Pressure testing



Skiving Machines



C-Crimpers



Marking Machines



Nipple Inserter



Cleaning Devices



Special Equipment

Special Presses for Low-Pressure Fittings



SL 3-16 M.3



SL 3-32 M



SL 3-75



Technical Data	SL 3-16 M.3*	SL 3-32 M*	SL 3-75*
Crimp force (kN/Ton)	30/3	200/20	500/50
Opening travel (mm/inch)	+31.7 / +1.24	+36.7 / +1.44	+55 / +2.16
Industrial	5/8"*	1 1/4" **	3"*
Opening without dies (mm/inch)	38.6 / 1.52	88 / 3.46	115 / 4.52
Type of dies Ø	150: 6.9 and 14.9 mm	263.2	239
Master dies length (mm/inch)	10 / 0.39	68 / 2.68	75 / 2.95
L x W x H (mm)	340 x 143 x 780	216 x 165 x 348	420 x 520 x 550
Weight (kg)	20	28	88
Accessories			
Power unit	—	—	✓

* According to the fitting. ** With master dies. *** Not suitable for QDC 239.5.

First-Class Advantages

- Greaseless**
Slide bearings on the crimp tool improve efficiency by 20%, reduce friction and help keep the tool free of contaminants.
- Universal**
For all types of hoses and fittings.
- Ecoline**
High quality for those new to crimping.
- Ergonomic**
Ease of use maximizes productivity.
- Environment friendly**
Engineered to last.

Low-Pressure Fittings



Quick and effortless die change with the QDC system

With the new QDC system, changing press dies is faster and easier than ever before. All dies are neatly stored and always within reach – for greater efficiency and productivity.

The QDC system is a perfect fit for the SH 2XL press and works exclusively with the PB 263.3 press dies, which are stored in the QDS 263 B-8-RAL 7021. This practical accessory can be conveniently mounted on a table and provides space for eight die sets, allowing for quick and efficient changes.

By the way: This accessory combination is also compatible with other SH 2 models.



SH 2 M Ecoline

SH 2 M H2

SH 2 P

SH 2 A

SH 2 LA

SH 2 XL



Technical Data	SH 2 M Ecoline	SH 2 M H2	SH 2 P	SH 2 A	SH 2 LA	SH 2 XL
Crimp force (kN/Ton)	900/90	900/90	900/90	900/90	450/45	900/90
4-spiral + 1-pc fitting	1 1/4"	1 1/4"	1 1/4"	1 1/4"	3/4"	1 1/4"
4-spiral + 2-pc fittings	1"	1"	1"	1"	5/8"	1"
Max. Crimp range** (mm/inch)	63 / 2.48	63 / 2.48	63 / 2.48	63 / 2.48	63 / 2.48	63 / 2.48
Opening (mm/inch)	+22 / +0.87	+22 / +0.87	+22 / +0.87	+22 / +0.87	+22 / +0.87	+27 / +1.06
Opening without dies (mm/inch)	77 / 3.03	77 / 3.03	77 / 3.03	77 / 3.03	77 / 3.03	82 / 3.22
Master dies length (mm/inch)	75 / 2.95	75 / 2.95	75 / 2.95	75 / 2.95	75 / 2.95	75 / 2.95
Type of dies	263.2	263.2	263.2	263.2	263.2	263.2
Press path (mm)	8	8	8	8	8	12
Drive	Manual	Manual	Pneumatic ***	1~VAC	1~VAC	12 or 24 V DC or 1 Ph 110/220 V, 50/60 Hz.DC oder 1 Ph 110/220 V, 50/60 Hz.
Weight (kg)	29	32	33	41	56	80

PUM 0.8/3.2-700 bar

The mobile high-pressure unit delivers 700 bar – compact, and versatile. Using a standard cordless screwdriver (minimum 25 Nm), it enables the hydraulic operation of manual workshop presses for 1" hoses (4SH/R15).



UMAT 2 – Mobile Working Stations



UMAT 2

L x W x H (mm):
605 x 520 x 660
Weight (kg): 70
Empty weight (kg): 28
2x Storage box:
LB 400 D 99150



Content not included in the scope of delivery.

What about greaseless crimpers?

Slide bearing technology

- No greasing improves cleanliness of machine and prolongs its lifetime.
- Maximum productivity with very low maintenance costs.
- Flaking cannot stick in grease, no risk of prematurely damaging the crimping head.
- End product can be used in sanitary applications without cleaning.
- 20% more capability for crimping stronger or more difficult couplings versus our competition's equivalent crimpers.
- Consistently accurate crimp result.



HM 200



SC 3

SC 4



SH 4



SH 7

Technical Data	HM 200 Ecoline* HM 200	SC 3 Ecoline*	SC 4 Ecoline* SC 4 Ecoline C.2	SH 4 Ecoline* SH 4 Mobileline	SH 7* SH 7 S**
Crimp force (kN/Ton)	1,300/130	1,200/120	1,800/180	1,800/180	2,400/240; 3,200/320**
4-spiral + 1-pc. fittings	1½"	1½"	2"	2"	2"
4-spiral + 2-pc. fittings	1¼"	1¼"	2"		
4/6-spiral + 2-pc. fittings			1½"	1½" (6-sp 1¼")	1½"
Industry hose	2"	2"	2"	2"	2"
Max. Crimp range (mm)	70	70	70	70	82
Master dies length (mm/inch)	75/2.95	100/3.94	100/3.94	110/4.33	90/3.54
Opening	+30	+35	+35	+27	+24
Type of dies	239	239-xx-Ø	239-xx	239-xx-Ø	239-xx/265
Press path (mm)	8	12	12	12	8
Type of application	Workshop/Mobile	Workshop/Mobile	Workshop/Mobile	Workshop/Mobile	Workshop/Mobile

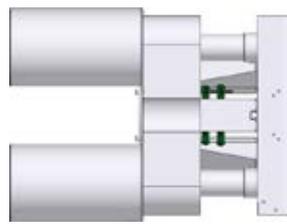
First-Class Advantages

-  **Greaseless**
Slide bearings on the crimp tool improve efficiency by 20%, reduce friction and help keep the tool free of contaminants.
-  **Universal**
For all types of hoses and fittings.
-  **Ecoline**
High quality for those new to crimping.
-  **Ergonomic**
Ease of use maximizes productivity.
-  **Environment friendly**
Engineered to last.

App compatible



	SC = Press tool with Cylinder	SH = Hollow piston press tool
No greasing	★★★	★★★
Low maintenance	★★★	★★
Compact	★★	★★★
Light weight	★★	★★★
Accessibility of the workpiece	★★★	★★
Dirt-sensitivity	★★★	★
Sustainable	★★★	★★
Good value	★★	★★★
Well suited for	Workshop	Mobile
Factory warranty in years	3	2



SC 6 | SC 6 S



SH 6



SH 10 i
SH 10 i XL



SC 12 i

SC 6 Ecoline* SC 6	SC 6 S Ecoline SC 6 S	SH 6 Ecoline* SH 6 Mobileline SH 6 S Ecoline SH 6 S Mobileline	SH 10 i Ecoline SH 10 i SH 10 i XL Ecoline SH 10 i XL*	SC 12 i A SC 12 i C.2*
2,000/200	2,800/280	2,400/240; 2,800/280	2,800/280	3,700/370
2"	2"	2"	2"	3"
1½"	2"	1½" / 2"	2"	3"
3"	3"	3"	4"	4"
102	102	102	145	145
110/4.33	110/4.33	110/4.33	126/4.96	126/4.96
+45	+45	+41; +45;	+45; +61	+61
239-xx/266	239-xx/266	239-xx/266	239-xx/237L	239/237L
17	17	12/12/20/20	17	17
Workshop	Workshop/Mobile	Workshop/Mobile	Workshop	Workshop

QDS 239 B QDC 239.5



Quick and effortless die change with the QDC system.

Mobile use



The CRIMP MANAGER APP by UNIFLEX Modern Support for Mobile Hose Production



Innovative App Management for Online Data Exchange between Hose Crimper and Central Administration

With the Crimp Manager App by UNIFLEX, you always have the necessary crimping table up to date and complete on your smartphone or tablet – both online and offline. Thanks to modern, innovative software, crimping processes can be saved as favorites and sent directly to the hose press via Bluetooth. After the crimping process, all relevant data is automatically recorded and transmitted to your server via the internet, ensuring efficient and seamless documentation.



Design Leaflet

Define your own individual design.

Define functions individually
for the customer.



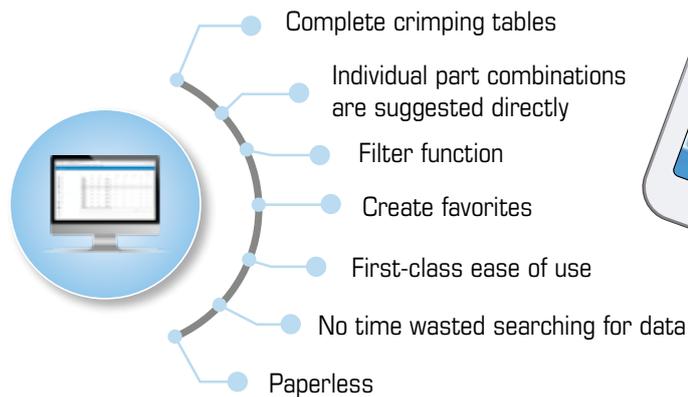
Keep full control over your production data

The Crimp Manager by UNIFLEX enables the recording and analysis of all crimping processes. Detailed evaluations and customized reports by region, customer, or product can be easily generated on your computer using the data collected through the app. This allows for precise order forecasts, demand analyses, and consumption data, optimizing your processes efficiently.

Security



Efficiency



Logging



Analysis



How about a fixed 6 o' clock die?

Fixed 6 o'clock die for secure insertion of the fitting – always at a consistent working height.



HM 3 H



HM 222



HM 225



HM 230



HM 375 I
HM 380

Technical data	HM 3 H	HM 222	HM 225	HM 230	HM 375	HM 380	HM 400
Crimp force (kN/Ton)	750/75	1,350/135	1,600/160	1,800/180	3,150/315	3,400/340	3,750/375
4/6-spiral + 1-pc fittings	¾"	1¼"	1¼"	2"	2"	2½"	3"
4-spiral + 2-pc fittings	¾"	1"	1¼"	2"			
4-spiral + interlock		¾"	1"	1¼"	2"	2½"	3"
Industry hose	2"	2"	2"	3"	4"	4"	6"
Master dies length (mm)	100	75	90	110	126	126	150
Max. Crimp rang (mm) / Opening	70/+35	70/+35	70/+40	102/+40	165/+70	165/+70	190/+130
Type of dies	239-xx-Ø-yy	239	239-xx-Ø-yy	239-xx/266	237 L/239-xx	237 L/239-xx	554/239-xx
Press path (mm)		12	8	17	20	20	50

First-Class Advantages

-  **Greaseless**
Slide bearings on the crimp tool improve efficiency by 20%, reduce friction and help keep the tool free of contaminants.
-  **Universal**
For all types of hoses and fittings.
-  **Fixed 6-o'clock die**
Stationary bottom die for efficient positioning of the product.
-  **Low Noise**
Very quiet hydraulic system.
-  **Ergonomic**
Ease of use maximizes productivity.
-  **Environment friendly**
Engineered to last.

Industrial Crimp Calculator



ICC – Industrial (hose) Crimp Calculator (with C.2 and IPC controller)
Automatically calculate your crimp diameter directly from your hose and fitting measurement based on compression.
Includes the official agreed, tested and approved industrial hose crimp calculator/Interface with fitting and ferrule data from Mario, PT, Campbell and Dixon.



Technical data	HM 465	HM 495	HM 660 i	HM 665	HM 1200
Crimp force (kN/Ton)	4,800/480	6,000/600	8,000/800	6,000/600	12,000/1,200
4/6-spiral + 1/2-pc fittings	3"	3"	3"	3"	3"
4/6-spiral + interlock	3"	3"	3"	3"	3"
Industry hose	8"/12"***	8"/12"***	10"	12"/16"***	10"
Master dies length (mm)	150	150	200	250	200
Max. Crimp rang (mm) / Opening	310/+150	310/+150	325/+120	450/+180	325/+120
Type of dies	239-xx/237L/245	239-xx/237L/245	239-xx/237L/246	239-xx/237L/298	239-xx/237L/246
Press path (mm)	80	80	50	100	50

*** For pipe fitting with special dies.

No greasing	★ ★ ★
Low maintenance	★ ★ ★
Compact	★ ★
Light weight	★
Accessibility of the workpiece	★ ★ ★
Dirt-sensitivity	★ ★ ★
Sustainable	★ ★ ★
Good value	★ ★ ★
Well suited for	Continuous Operation
Factory warranty in years	3



Ergonomic operability



The machines are very compact and narrow for a better work environment.





HM 2000

Technical data	HM 2000
Crimp force (kN/Ton)	20,000/2,000
No grease: 20% less friction	✓
Control	Control IPC
Max. Crimp range (mm/inch)	530/20.8
Opening (mm/inch)	200/7.8
Opening without dies (mm/inch)	850
Master dies length (mm/inch)	300/11.8
Tool L x W x H (mm)	ca. 2,400 x 1,300 x 3,700
Power Unit L x W x H (mm)	ca. 2,000 x 1,000 x 1,300
Weight Tool (kg)	ca. 16,000

The CONTROL C.2 and controller IPC with its intuitive operation for UNIFLEX crimpers, test benches and several more products has a colour touch display. The new menus (Quick-Start-Menu and Production Menu) as well as the possibility to individualize each and every menu and application will make your work much easier. Everything can be controlled via HID, i.e. via Windows devices. In addition, you can record, monitor and assure the quality of your product and how the machine works via the PFM option.



Control A

Manual push-button operation

Only for Service and Workshop Machines



Control C.2

Control C.2 with screen protection option 807.2

HMI mit 7" Widescreen-Touch-Panel

Interfaces:

Ethernet RJ45

USB

Serieller Port (COM)

Profinet

Profibus



IPC

Industrial PC with 12" touch panel

Integrated RFID reader

Interfaces:

Ethernet RJ45

USB 3.1

serial port (COM)

Profinet

Profibus

CAN bus

Advantages of the UNIFLEX IPC control:

- **Intuitive operation** – User-friendly interface for simple and fast control.
- **Maximum precision** – Accurate control of all machine parameters for highest repeatability.
- **Flexibility** – Customizable programs for various applications and materials.
- **Smart automation** – Efficient workflows through storable processes and automation options.
- **Real-time diagnostics** – Comprehensive monitoring and error analysis for quick maintenance.
- **Future-proof** – Updates and extensions ensure long-term investment security.
- **Network capability** – Integration into existing systems for networked production.
- **Windows-compatible** – Compatible with Windows for seamless integration.
- **High-definition display** – Clear presentation and easy operation.
- **Powerful processor** – Fast processing and smooth operation.

The UNIFLEX IPC control combines user-friendliness, performance and precision for efficient and reliable hose processing.

CONTROLS IPC



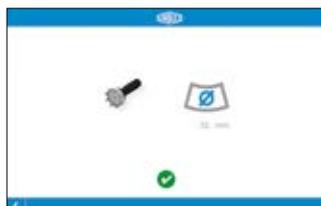
START SCREEN



INFO – RESHAPING, 2 FREE COUNTERS – SERVICE, CONTACT



WORKSHOP MODE – QUICK MENU



Input of pressing diameter, correction values and press jaws (automatic)

QDC – CALL PRESS JAW CHANGE POSITION AND SUGGESTED PRESS DIES SET

PRODUCTION VIA PRESS DIMENSION MODE



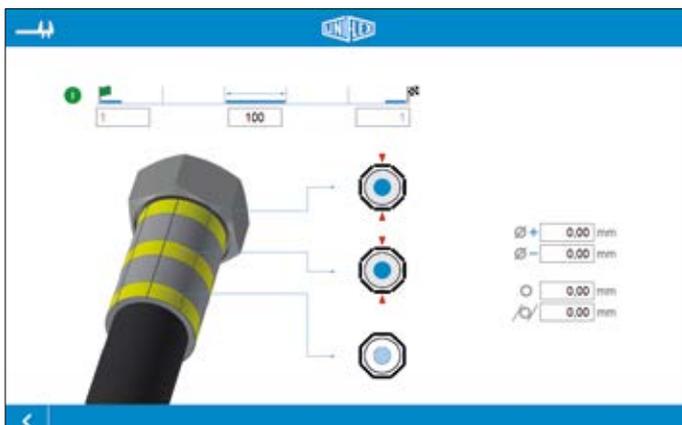
Input of press dimension, correction values, hold time, opening diameter, preselection counter and press dies (automatic).

PRODUCTION VIA PRESSURE MODE



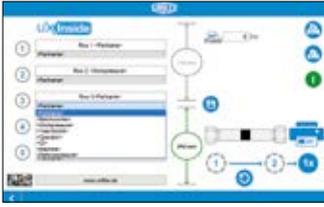
Input of pressure, hold time, opening diameter, preselection counter and press dies.

CALIPER



With the caliper, the result of the reshaping process can be checked using a freely selectable tolerance range. To do this, measure the workpiece at the position indicated by the red triangle.

LABEL



With the label printer and the UNIFLEX Label System (ULS), a label can be automatically printed for each workpiece, which is then manually attached to the workpiece. The color coding can be changed every year, making the age of the hose assembly easily identifiable at any time.

MULTISTEP



With interval reshaping, it is possible to carry out a reshaping process in several stages (with different reshaping pressures or pressing diameters, as well as different opening diameters).

CMK

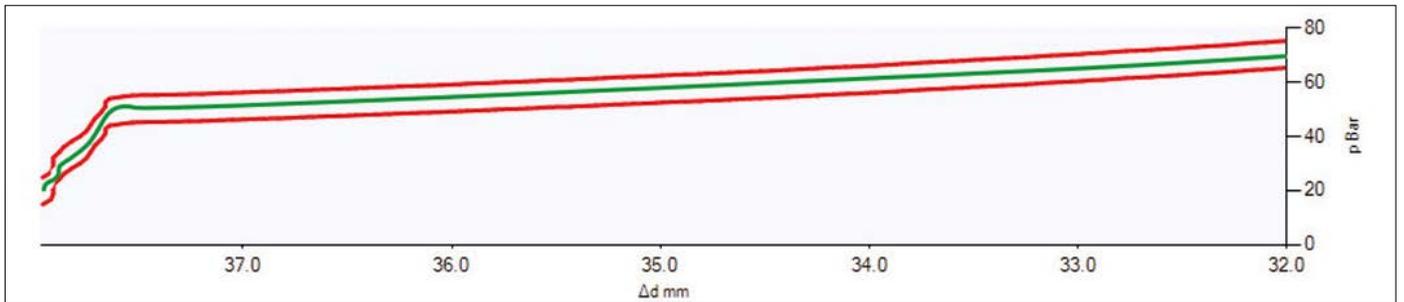


The machine capability index (CMK) describes the ability of the machine to meet the specified requirements. With the CMK function in the control unit, it is possible to continuously monitor the status of machine capability during production (integrated algorithm for verification).

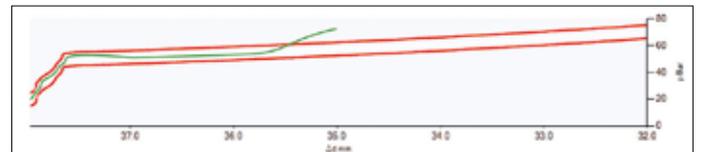
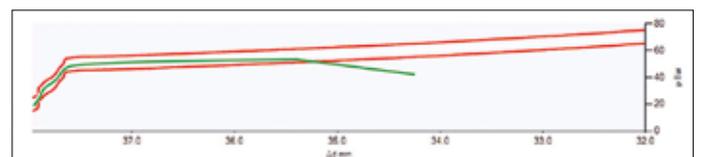
PFM



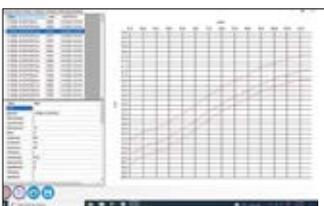
The PFM function enables continuous monitoring of the pressure or pressing diameter during production. If a parameter deviates from the learned target range, the pressing process is immediately stopped, and a message is displayed to the operator. This allows faulty components to be reliably detected during production.



The monitoring system compares the pressure in milliseconds and immediately stops the pressing process if a deviation occurs. The functionality enables the detection of double pressings, the use of incorrect press jaw diameters, the use of non-compliant workpieces (incorrect selection of press sleeves, press nipples, and hoses), faulty execution of hose skiving, and incomplete pre-assembly of components. All this data is recorded and can be accessed at any time..



COMPARING DIAGRAMS



Additionally, diagrams of the data sets can be directly accessed here for the pressed workpieces.

JOB MODE



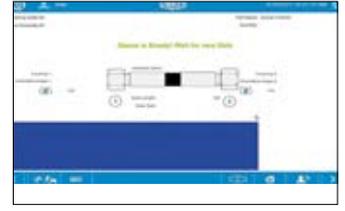
The job mode enables controlled processing of multiple orders in production. It is also possible to combine several orders from different data sets in the database into one work order. For this purpose, a quantity is assigned to each individual data set.

QUEUE MODE

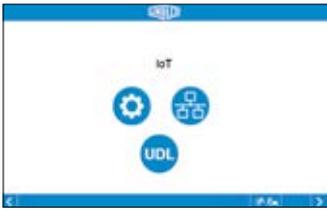


The queue mode sequentially executes individual pressing data sets stored in a database during production. This allows specific parameters to be determined and reported for individual workpieces (e.g., One-Piece flow).

QUEUE SETTING



IoT – INTERNET OF THINGS



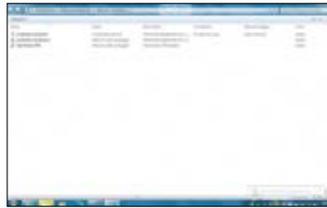
IoT selection menu



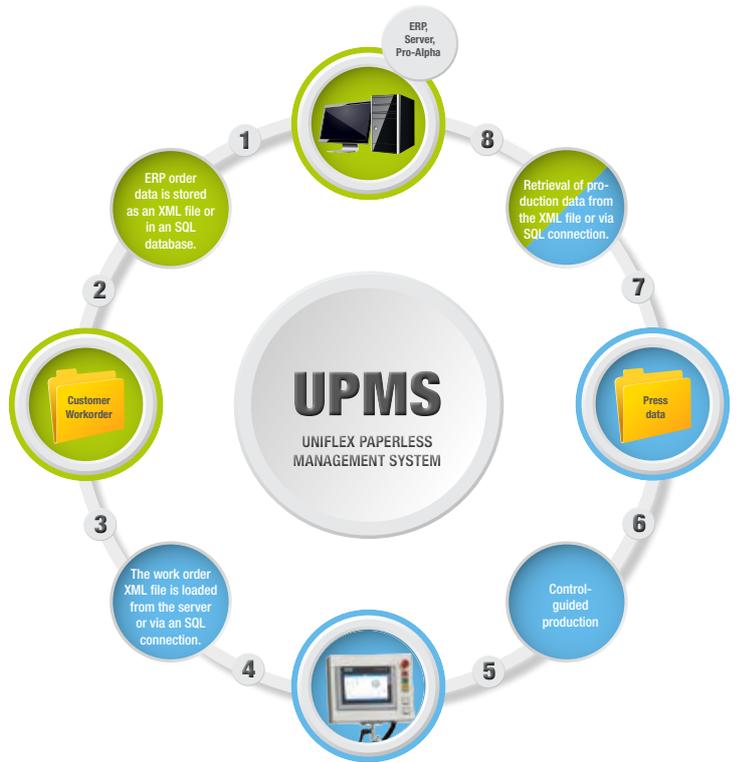
File path settings
(Part table, Job folder, Queue folder)



In the log file overview, saved press parameters are displayed.



Network setting



USB STORAGE MEDIUM



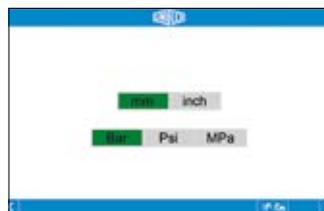
The data was loaded successfully from USB storage medium.

RFID



The RFID Reader enables the automatic login to the machine using an RFID chip.

SETTING MEASUREMENT UNIT



In the green area, the currently set measurement unit is displayed. By tapping a button, the corresponding measurement unit is set.

SETTING LANGUAGE



ULS Labeling System

ULS.2-APP for Tablet or PC



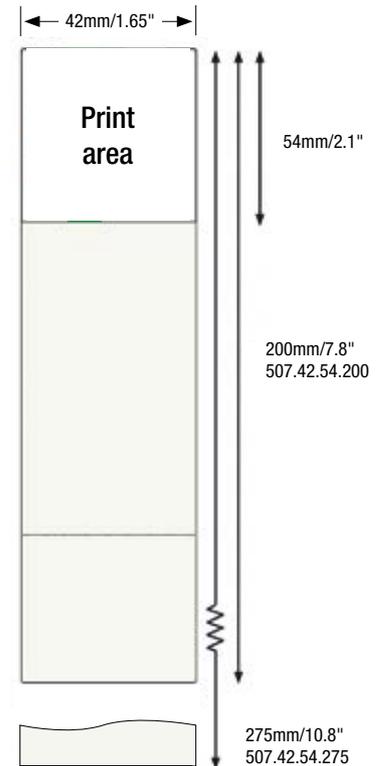
Advantages of Hose assembly Management

Benefits of labels and what they can tell the user:

- Which components need to be replaced and when
- The date of the exchange
- The potential hazards of the machine
- The plan for preventive maintenance
- Minimizes cost of maintenance
- Avoids equipment failures and long downtimes
- Publicity for your company

UNIFLEX Labeling System – ULS Ecoline

Part numbers ULS ECOLINE				
Pos.	Article	Content	Part No.	
1	Printer		ULS.2-C ULS.2-APP	To integrate with our IPC. To use on mobile phone or tablet with an APP.
2	Color ribbon for Printer	Cassette with labels, white (black) (74 meters)	888.469	
3	Roll/No.	Number of pieces per roll	Characteristics	
	507.42.54.200	900	200 mm 1 inch hose	- Transparent preprinted oil- and acid-resistant banderole. - High-performance vinyl. - Strongly adhesive, permanent.
	507.42.54.275	900	275 mm 2 inch hose	- Specifically designed for the surface of rubber and thermoplastic hose.



Die sets	Ø mm																			
263	6.8	9	12	14	17	20	24	28	32	36	40	44	47							
239 & 239-xx	6.8	9	10	12	14	16	17	19	20	22	24	26	27	28	30	31	32	34	36	38
	39	40	43	44	46	47	48	50	51	53	54	55	56	57	62					
263	0	10	15	16	18	19	22	23	26	27	30	38	42	46	48					
265	54	57	62	67	71	74														
266	54	57	62	67	71	74	78	84	86	92	94									
280	6.8	9	12	14	17	19	20	22	25	28	32	36	38	40	44	47	50	54	57	
237	54	57	62	67	71	74	75	78	84	86	90	96	103	106	111	114	116	119	121	131
	133	135	137																	
554	57	62	67	71	74	78	84	86	90	96	103	106	111	116	121	126	131	136	146	156
245	103	106	111	116	121	126	131	136	146	156	170	185	200	230*	265*	275*	305*			
246	136	146	156	170	185	200	215	230	245	260										
247	96	106	126	131	136	146	156	170	185	200	215	230	245	260	275	290	305			
298	200	220	240	260	280	300	320	340	360	380										
299	400	500	600																	

* Special Dies

Accessories and Options for Control C.2 / IPC

Item number + Description		Item number + Description	
Accessories			
<p>Order number: Calb CtrlC C.2 (software + hardware)</p> <p>Calibrating your machine is simple using digital measurement via the software and the calibration mandrel.</p>		<p>BCR Ctrl-BT Barcode scanner</p>	
<p>TA(A) Depth stop</p>		<p>800.610 Foot mouse for controller interaction for caliper.</p>	
<p>PS.2 Double Double foot pedal</p>		<p>807.602 Touch panel with 1800 mm supply cable. (Controller can be placed on the left side)</p>	
<p>Screen protection 807.2 and 807.3</p>		<p>IPC Display protection foil 807.867 Storage tray kit 807.872</p>	
<p>CaliperV2 3inch-BT 200 mm</p>		<p>CaliperV2 4inch-BT 300 mm</p>	
<p>807.112 Extension cable Unimatic B, E, C.2, length 1700 mm</p>		<p>QDS 239</p>	
<p>OCS 10 retro Camera system – the alternative to the mirror, for a better sight line adjustment.</p>		<p>QDS 263</p>	
<p>TU-Rack 18-PB239 Workbench for various machines incl. PB-a.</p>		<p>265.2 Turntable</p>	
<p>Mirror SHS & SHS Universal Allows the operator to watch the correct position of the part to be crimped behind the machine.</p>		<p>PUM 0.8/3.2-700 BAR Cordless screwdriver drive 13 mm external hex min. 25 N/m</p>	
<p>LUF Light for the rear side of the machine.</p>		<p>UMT-V</p>	
Options			
<p>RFID Reader zum Anmelden RFID CTRCC Optional for C.2. Standard for IPC</p>		<p>Digital speed control Speed Control – digitally controlled flow divider for precise machine movement. With our new, digitally controlled flow divider for production presses, the hydraulic oil flow can be precisely regulated and the workpiece is formed more gently.</p>	

Item number
+ Description

Item number
+ Description

Accessories

TU & TU 4 Ecoline

Work Bench capable of supporting up to 800 kg

TU



TU 4 Ecoline



PTS SYSTEM

Marking and crimping in one step according to DIN 20066, EN 853, EN 854, EN 856, EN 857.

PTS 52: character 4,0 x 2,0 mm/marketing depth ca. 0,3 - 0,5 mm

PTS 32: character 3,0 x 1,5 mm/marketing depth ca. 0,3 mm



QDS 239 S

Basic Support with TU-QDS 239i



Angle scale

238.11 (HM 3xx) double side

239.21 (HM 220/HM 222)

2 side

255.14 (HM 225) 2 side

1280.5 (HM 230)

266.429.2 (SC 6)



QDS 280 B RAL 7021

For 9 Set PB 280



Wheelboard 2

WB 2

LxWxH (mm): 615x415x175

Weight: 3,5 kg

Load Weight: 300 kg



QDS 239 B RAL 7021

QDS 263 B-8-RAL 7021



Wheelboard 12

WB 12

LxWxH (mm): 1740x760x200

Weight: 110 kg

Load Weight: 800 Kg

Oil-tight



QDS 239 R

For 9 set PB 239



Oil-cooler

Reduce heat, increase permanent tolerances.



QDS 239 T

Wheeled support for 24 set PB 239

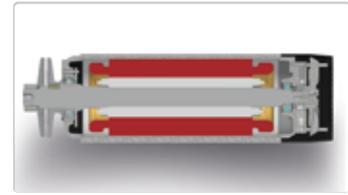


QDS-HD

For large industrial dies.



How about a cutting machine with a specialized cutting-motor? “



- Featuring an integrated brake – less than 10 seconds of downtime for the cutting blade
- Massive dual-bearing shaft
- Compact and very efficient
- Cutting blades made of carefully tested materials



EM 1

EM 1 S | EM 1 SB



EM 3



EM 4



EM 6

Technical Data	EM 1*	EM 1 S EM 1 SB*	EM 3*	EM 3 Ecoline	EM 3 DC	EM 4* EM 4 DC
Workshop 4/6-spiral	-	1"	1¼"	1"	1¼"	1½" / 1¼"
Production 4-spiral	-	-	¾"	-	-	1¼" / -
Industrial	1¼"	1¼"	2"	1¼"	2"	2"
Suction connection (mm)	-	- / Ø 30	Ø 80	Ø 40	Ø 40	Ø 80 / Ø 40
Drive (kW)	1.2 kW 1~VAC	1.2 kW 1~VAC / Battery	3 kW 1~VAC	1.8kW 1~VAC	12 V/24 V 2.0/3.2 kW	3 kW 1~VAC / 2.0 kW 12VDC
Cutting blade (mm)	TM 190x2.0x30 TM 190x2.0x15,875	TM C 190x2x30 / TM C 160x2.5x20	TM 275x3x30	TM G 200x1.6x25.4	TM 250x2x40Z	TM C 275 x 3 x 30 / TM C 250 x 2 x 40
L x W x H (mm)	300x340x310	300x340x310 / 400x300x415	540x440x 300	400x510x540	550x365x410	700x510x700 / 740x365x610
Weight (kg)	8	8 / 7.5	50	20	29	60 / 29

First-Class Advantages



Special Brake Motor

A safety feature meeting DIN CE standards requiring the cutting blade to stop turning in 10 seconds.



Special Cutting Motor

Higher forces are achieved using a larger shaft.



Test-proven Cutting Blades

Cutting blades are made out of test-proven material.



Ecoline

High quality for those new to crimping.



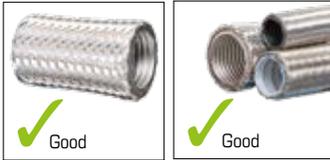
Environment friendly

Engineered to last.

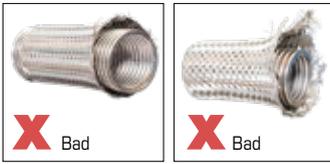
Cutting machines for mobile use

Cutting machines for mobile use
with DC drive 12/24V





USC



Conventional machine

Our USC:

Planetary cutting machines for corrugated metal hoses and PTFE hoses. The unique process enables fast and clean cutting without fraying the outer braid.

- Prevents braid expansion, ensuring perfect and repeatable results
- Enhances your productivity
- Enables seamless fitting assembly
- Prevents assembly accidents
- Expands application possibilities for more hose types, including PTFE hoses



EM 8



EM 115



EM 120



EMI 150 |
EMI 200



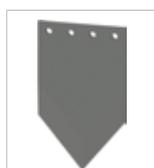
USC 10 | USC 20 |
USC 30

EM 6 DC	EM 6 M EM 6 P*	EM 6 Ecoline	EM 8 M* EM 8 P	EM 115*	EM 120*	EMI 150*	EMI 200	USC 10* USC 20 USC 30
2"	2"	2"	2"	3"	3"	4"		
-	1 1/4"	-	1 1/2"	2"	3"	3"	3"	
2"	3"	2"	4"	3"	4"	6"	8"	2"/4"/6"
Ø 40	Ø 60	Ø 80	Ø 80	Ø 100	Ø 100	Ø 102	Ø 102	
3.2 kW 24 VDC	4.6 kW 3~VAC	2.4 kW 1~VAC	4.6 kW 3~VAC	7.5 kW 3~VAC	7.5 kW 3~VAC	7.5 kW 3~VAC	7.5 kW 3~VAC	4.6 kW 3~VAC 4.6 kW 3~VAC 5 kW 3~VAC
TM C 250x2x40	TM C 350x3x30 / TM C 350x3x30	TM C 275x3x25.4	TM C 400x4x30 / TM C 400x4x30	TM C 520x4x40	TM C 520x4x40	TMC 520x4x40	TMC 600x6x40	200/250/350
740x365x 610	745x690x430 / 820x785x755	700x510x700	983x760x875 / 983x760x540	1,210x650 x 1,650	2,024x 1,025x 1,600	1,000x 1,140x 1,460	1,070x 1,620x 1,570	730x670x1,400/ 730x770x1,500/ 900x1,250x1,520
29	75 / 110	45	122 / 140	245	350	215	240	245 / 340 / 580



max. OD:
90 mm /3,45"

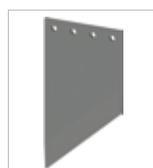
UPG 10



V-Shape



A-Shape

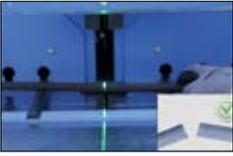


/-Shape



Technical Data	TM	TM G	TM C
Dirt	excellent	good	mid
Economy/costs	good	good	good
Durability	good	good	exzellent
Resharpended	yes	yes	no
High wire rate	mid	good	excellent
High rubber rate	excellent	excellent	excellent
Heat resistance	mid	good	excellent
Features			
Hose suitability	Especially suitable for 2 wire hoses.	Especially suitable for 4 and 6 wire hoses.	Abrasive- suitable for 4- and 6-layer spiral hoses with a lot of steel and for clean cuts.

Options and Accessories – For Cutting Machines

Item number + Description		Item number + Description	
<p>UWT 2 vs (optional UMS 4 + 514.1) Electric driven hose coiling reel with foot pedal for easy winding and unwinding of hoses up to 1 1/4" optional with length measuring device incl. foot stand. RPM per Pedal: 0 to 61 RPM mandrel adjustment (mm): min. Ø 330 max. Ø 730 Maximum Load (kg): 80 L x W x H (mm): 800 x 900 x 1600 Weight (kg): 70 Clamping diameter (mm): Ø330-730</p>		<p>UMS 4 + 514.1 (floor stand) Hose measuring tool up to 1 1/4", Ø1 OD Ø 65 mm can be mounted in front of the cutter or on a hose coiler. Measures up to (m): 999,99 Tolerance (%): 2 - 7 L x W x H (mm): 250 x 260 x 120 Weight (kg): 5 Metric unit only</p>	
<p>UHG 14 + UHG 14 ext UHG 14 Hose guide 2000 mm and UHG 14 ext. extension guide 1000 mm for all cutting machines Hose up to 110 mm outer Ø and DN 75 3 inch.</p>		<p>329.1 (for EM 6 M) 323.1 (for EM 8) Resettable cutting counter</p>	
<p>UAT 4 Hose winder for storing and unwinding hoses. Ø 1200 mm L x W x H (mm): 1200 x 1200 x 1301 Max. load (kg): 80 Weight (kg): 70 Center pin set up Minimum: Ø 277,5 Maximum: Ø 577,5</p>		<p>UAT 10 Hose winder for storing and unwinding hoses. Ø 1500 mm L x W x H (mm): 1300 x 1500 x 1280 Max. load (kg): 250 Weight (kg): 130 Center pin set up Minimum Ø: 277,5 Maximum Ø: 577,5</p>	
<p>USH 4-5 Hose winder for the easy storage of your hydraulic hoses, up to seven levels. Cage-Ø outside/inside (mm): 820/760 External dimension (mm): 1000 Level high (mm): 310 Cage ultimate load (kg): 80</p>		<p>URU 2 URU 2 with accessories roller kit 408.2 Max. width (mm): 500 Max. Ø (mm): 85-1000 Load capacity (kg): 240</p>	
<p>513.1 Plate with fixing bolts USH 4-5 Height (mm): 1650</p>	 <p>513.1 (Accessories) Plate for USH 4</p>	<p>TU 4 Ecoline Workbench for miscellaneous machines (52 x 85 x 75 cm) Max. load (kg): 200</p>	<p>Content not included in the scope of delivery</p> 
<p>TU Workbench for miscellaneous machines (84 x 71 x 75 cm) Max. load (kg): 800</p>		<p>UMAT 2 (Mobile Working Station) L x W x H (mm): 605 x 520 x 660 Weight (kg): 70 Empty weight (kg): 28 2x Storage box: LB 400 D 99150</p>	<p>Content not included in the scope of delivery</p> 
<p>327.2220 Laser cutting line indicator 327.2220 – new upgrade kit for EM 115.</p>		<p>UMAT 4 (Mobile Working Station) L x W x H (mm): 800 x 1200 x 755 Weight (kg): 160 Drawers L x W x H (mm): 2 = 564 x 572 x 50 2 = 564 x 572 x 100 Load Weight Drawers (kg): 75 Load Capacity (kg): 450</p>	 <p>Layout Example</p>
<p>778.2 Wheel option for TU und TU 4 Ecoline.</p>			



UVC 25 FSD



UVC 50 FSD

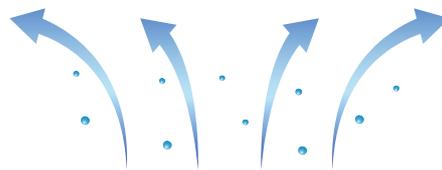


UVC 100 FSD

Technical Data	UVC 25 FSD	UVC 50 FSD	UVC 100 FSD
Max. volume flow	100 m³/h	400 m³/h	1,280 m³/h
Fan performance	1,320 m³/h	700 m³/h	1,440 m³/h
Max. vacuum	2,100 Pa	4,400 Pa	5,300 Pa
Main-filter surface	2.5 m²	5 m²	10 m²
Drive power	0.95 kW	3.0 kW	3.0 kW
Drive	220-240 Multivoltage	220-240 V / 380-415 V / 440-460 V	220-240 V / 380-415 V / 440-460 V
Intake diameter (mm)	Ø80 *	Ø80 *	Ø100 - Ø160 (Ø160 recommended)**
Dust collection container	2.5 l	10 l	12 l
Noise level	60 dBA	70 dBA	70 dBA
L x W x H (mm)	600 x 570 x 555	1,180 x 730 x 820	950 x 950 x 2,060
Weight (kg)	60	215	560
Accessories			
Wheels	✓	779.2	✓

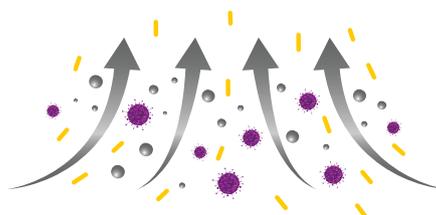
* Delivered without adapter. ** Delivered with 3 adapters 160 mm, 125 mm and 100 mm

Filter Principle



Our extraction systems ensure a clean working environment and enhance workplace safety. The integrated spark extinguishing function minimizes the risk of fires, while dust and fumes are reliably removed.

- **Spark extinguishing** function for maximum safety
- **Effective removal** of dust, smoke and odors
- **Specially optimized** for hose-cutting machines



Skiving Machines

“ How about simultaneous inner and outer skiving? ”



USM 1 |
USM 2



USM 10 Ecoline I
USM 10 I USM 10 S



USM 100



USM 125



USM 150

Technical Data	USM 1 / USM 2*	USM 10 Ecoline	USM 10*	USM 10 S*	USM 100*	USM 125*	USM 150*
Internal skiving	5/8" - 2"	5/8" - 2"	5/8" - 2"	5/8" - 2"	5/8" - 2 1/2"	5/8" - 4"	2" - 5"
External skiving	3/16" - 1 1/4" / 3/16" - 2"	3/16" - 2"	3/16" - 2"	3/16" - 2"	1/4" - 2"	5/8" - 4"	2" - 5"
Drive (kW)	Manual	0.37	0.37	0.37	1.2 / 1.8	3.3	4.4
Type of application	Mobile	Workshop	Workshop	Workshop	Production	Production	Production
Noise level (dBA)	-	60	60	60	60	< 70	60
L x W x H (mm)	338x465x445	440x440x545	440x440x545	440x440x545	780x620x550	1,600x570x 1,600	2,545x810x 1,500
Weight (kg)	16 / 28	50	50	51,5	70	450	700
Tool revolution (rpm)	-	110	110	110	392/592	94	94

Description



Easy exchange of skiving tool using a locking pin on USM 10 S.



Skiving tool selection: suitable for USM 10 S and den quick tool changes.



Skiving mandrels are manually adjustable. 1 tool on the USM 10 Ecoline for all dimensions.



Option SFF-TU-USM10

Nipple Insertion Machines

” Insertion and extraction with a single device. “



UNE 10



UNE 115



UNE 200

Technical Data	UNE 10	UNE 115	UNE 200
Control	A one hand	A foot pedal	A two hand
Max. nipple insertion (OD fitting, straight or elbow)	< 2"	< 3"	< 6"
Piston stroke (mm)	100	200	320
Hose Ø max. OD (mm)	80	120	200
Drive	6 bar pneumatic	8 bar pneumatic	3 kW 3~VAC
Insertion force (kN)	5.1	8	90
Clamping force (kN)	5.1	8	up to 500
L x W x H (mm)	600 x 810 x 310	625 x 1,185 x 320	1,300 x 750 x 1,550
Weight (kg)	35	100	580

Description



Preloading Safety control coupled to foot pedal.



Secure clamping unit.



Axially adjustable clamping unit - prevents bending of small hose dimensions.



Auto clamp system - only for the UNE 200.

Perforating Machines

” For the all-purpose workshop! “



PR 10



PR 12



PR 14

Technical Data	PR 10	PR 12	PR 14
Working range	Ø 8 - 45 mm	Ø 8 - 55 mm	Ø 30 - 100 mm
Air pressure (bar)	-	-	-
Force (kN)	-	-	-
L x W x H (mm)	290 x 150 x 330	270 x 200 x 400	400 x 265 x 565
Weight (kg)	~ 8	~ 22	~ 58

First-Class Advantages



Universal

For all types of hoses and fittings.



Ecoline

High quality for those new to crimping.

Perforating dies for crimpers



- PR PB-232 F
- PR PB-237 G
- PR PB-266 P
- PR PB-554 H

PR PB

Delivered in 4 pieces set

Embossing machines, marking-, bending & hose safety devices



UP 10 Ecoline



UP 15



UP 15 P



UIM 10

Technical Data	UP 10 Ecoline	UP 15* UP 15 Ecoline	UP 15 P	Technical Data	UIM 10
Marking area (mm)	Ø 12 - 80	Ø 11.5 - 90	Ø 11.5 - 90	Working area	2" (up to DN50)
Marking depth (mm)	~ 0.5	~ 0.5	~ 0.5	Marking depth (mm)	10 - 150
Insertable steel characters (pieces)	25	26*	26*	Production capacity (h)	700
L x W x H (mm)	285 x 265 x 410	272 x 200 x 750	600 x 454 x 500	Air pressure (bar/psi)	5/72
Weight (kg)	10	28	80	L x W x H (mm)	330 x 190 x 313
				Weight (kg)	4.5

* Depending on the type holder.

504.003

Type holder for UP 10 Ecoline.



508.1001.3

Type holder for UP 15.
(4 wheels, 2 rows, 17 space total)



UBM 6-20 M

UBM 6-20 M

Tube bender OD Ø 6 mm to Ø 20 mm.



POP-Lock (Hose retention system)

Component assembling overview



POP-LOCK_DN32-50 POP-LOCK_DN16-25 POP-LOCK_DN5-12



Test Benches and Cleaning Machines

How about an integrated tank? “



Utmost precision and safety in hydraulic hose pressure testing.

The innovative quick-clamping system allows for fast and easy handling.

Optional pressure up to 4,500 bar.

Automatic pressure testing, filling, and venting.



P 160 Ecoline

P 160



P 180



P 250

Technical Data	P 160 Ecoline	P 160	P 180	P 250
Test pressure (bar)	150 - 1,300	150 - 1,300	150 - 1,500	150 - 1,500
Test pressure (psi)	2,175 - 18,850	2,175 - 18,850	2,175 - 21,750	2,175 - 21,750
Drive	Oscillating intensifier	Oscillating intensifier	Oscillating intensifier	Oscillating intensifier
Connection	Steck-O	Steck-O	Steck-O	Steck-O/Cone
Tank dimensions L x W x H (mm)	1,200 x 600 x 250	1,590 x 795 x 370	2,395 x 825 x 400	2,194 x 890 x 470
Test bench dimensions L x W x H (mm)	1,400 x 600 x 1,200	2,210 x 950 x 1,325	2,916 x 1,020 x 1,200	2,700 x 1,450 x 1,550
Max. flow rate (l/min)	1.1	1.1	3.5	7.5
Options				
High pressure	–	150 - 3,000 bar / 2,175 - 43,500 psi	150 - 3,000 bar / 2,175 - 43,500 psi	150 - 3,000 bar / 2,175 - 43,500 psi
Low pressure	–	20 - 1,300 bar / 290 - 18,850 psi	20 - 1,300 bar / 290 - 18,850 psi	20 - 1,500 bar / 290 - 21,750 psi

First-Class Advantages



Universal

For all types of hoses and fittings.



Ecoline

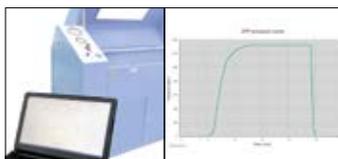
Value driven solution for less frequent use.



Integrated Tank with water

Quiet and saves workspace.

Test Benches – Accessories & Options



UPP Pressure Sensor for test benches



Fast clamping system



4 Steck-O adapter 405.6



Extension element

” Custom made to meet your specific needs. “



- Working pressure 0-4500 Bar
- rustproof
- robust and mobile
- expandable



P 260



P 320



P 350 with Container
P 350

	P 260	P 320	P 350
	150 - 1,500 2,175 - 21,750	150 - 1,500 2,175 - 21,750	150 - 1,000 2,175 - 14,500
	Oscillating intensifier	Diaphragm pump + intensifier	Diaphragm pump + intensifier
	Steck-O/Cone		
	2,194 x 890 x 1,100	1,606 x 1,260 x 2,130	1,960 x 1,950 x 2,200
	2,700 x 1,450 x 2,100	2,270 x 1,420 x 2,525	2,100 x 2,170 x 2,650
	7.5	7.5	12.5
	150 - 4,500 bar / 2,175 - 65,250 psi	150 - 4,500 bar / 2,175 - 65,250 psi	—
	20 - 1,500 bar / 290 - 21,750 psi	20 - 1,500 bar / 290 - 21,750 psi	20 - 1,000 bar / 290 - 24,500 psi

Cleaning Machines

Technical Data	RG 2	RG 10
Max. air consumption (NI/min)	100	250
Drive (air, bar)	Diaphragm pump, 7 bar Air	Diaphragm pump, 7 bar Air
Tank capacity	38 l	215 l
Output (l/min)	25	180
Working range (ID)	Up to 1 1/4"	Up to 2"



RG 2



RG 10

Control IPC Test Bench

CONTROL IPC.P



START SCREEN



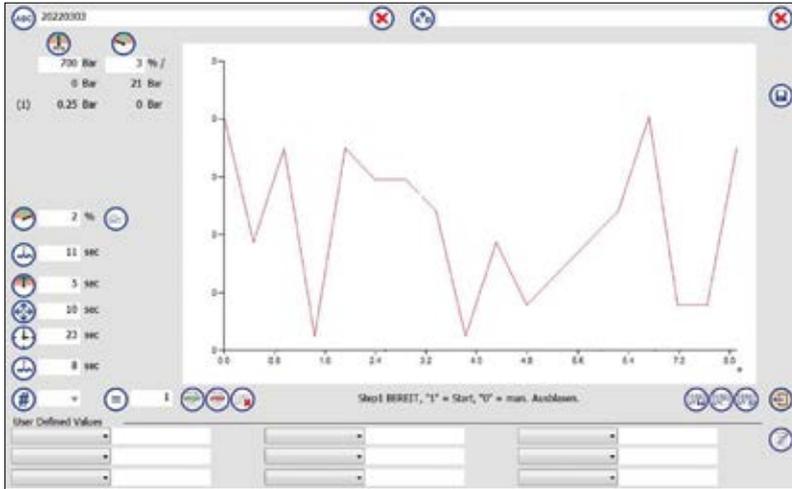
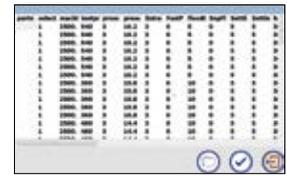
INDIVIDUAL TEST



FIRST TIME SET-UP



ACTIVATE SAVED LOG FILES



In the menu you can step the following parameters:

Pressure (Bar/ PSI) – the test pressure is the basis for the pressure adjusted by the test stand during the test.

Test tolerance (%) – the maximum permissible pressure drop in percent of the test pressure.

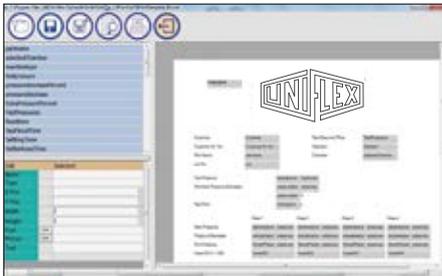
Filling time (sec) – when a test is started, the entire system is flooded with the test medium for the time entered.

Residual time (sec) – the time during which the test stand will stabilise pressure control.

Test time (sec) – the test time is the duration of the test.

Blowing time (sec) – the test medium is discharged from the system using compressed air for the time entered for the entire system.

PRINTER AND LOG TEMPLATE EDITOR

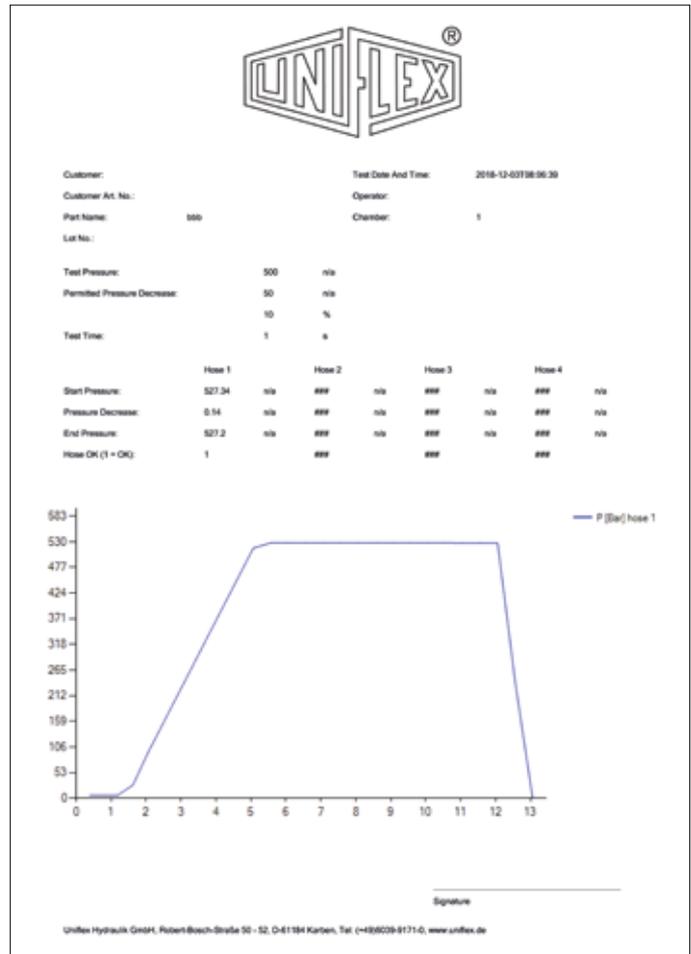


New log templates may be created or existing log templates may be edited here. The log template editor is opened by using the pre-set log template and the current user-defined values.

USER-DEFINED VALUES

Description	Value	Unit	Save Value
Customer			
Customer Art. No.			
Description			
Test			
Leak Rate			
Leak Filling 1			
Leak Filling 2			
Operator			
Additional Test 1			
Additional Test 2			

User-defined values may be created and saved for each item specifically and in any number. These values are not used by the control unit, but saved in the log file and may be printed in the record as well as shown and edited in the detail view. Examples for possible user-defined values are: Operator, Charge, Customer Item Number, etc.



” Try crimping instead of welding or screw/pin connections? “



KS 6 | KS 8 |
KS 10



HMC 1-30



HM 245



HMC 5-200



HMC 12-2000

Technical Data	KS 6* KS 8* KS 10*	HMC 1-30*	HM 245	HMC 5-200	HMC 12-2000
Crimp force (ton)	50/80/180	30	75	2,000	2,000
Industrial	-	1"	1"	5"	12"
Max. crimp range (mm)	55/139/139	∅ 70	70	165	380
Opening without dies (mm)	91.5/190/190	90	100	210	435

Special Equipment – End Products



(Cooper-) Cable



Rebar fasteners



Insulator



Heater



Aircon hose



Special dies for forming tubes with square or round ends.

HM 480



* Machine pictured.

Assembling Hose and Fittings with Safety as Priority No. 1



Advanced training is an important investment in the future of a company in order to maintain or enhance quality and safety. As a supplier of machinery for production of hose assemblies, we are continuously extending our product range to meet the requirements of the market. Furthermore, we supply our customers with the appropriate materials and offer training courses that qualify them to produce hose assemblies meeting the highest safety and quality standards. First-Class skilled personnel with expert know-how provide decisive competitive advantages. The production of hose assemblies with the best machines available on the global market ensures quality and safety.

Training

Interesting to know

In 2016, we commissioned a market study showing the following interesting results:

Many manufacturers of hose assemblies are using targeted training and practical training for the advanced training of their employees.

But only approximately 23% of the employees of those companies are qualified regarding hoses, even though 76.3% of all customers suppose that their supplier has properly trained personnel!

93.2 % of all customers expect technical recommendations from their hose supplier.

42.5 % of the customers believe that sales growth is associated with the requirement to train the customers regarding quality.

23.7 % have a vocational education in hydraulics or fluid technology.

Only 10.2% believe that training is not the decisive factor for purchasing a machine, only the price.

1. Hose Assembling

Theory and practice

Target Group

Manufacturers of hydraulic hose assemblies, using UNIFLEX machinery for production. Employees of the hose assembly department, quality control, maintenance and sales departments.

Theory

The participants acquire basic knowledge about

- Types of hose selection
- Rubber and thermoplastic hoses
- International standards and regulations
- Storage and storage periods of hose
- Hose fittings and connection forms

Practice

- Production of hose assemblies with UNIFLEX machines
- Cutting hose
- Marking of hose fittings
- Skiving, internal and external
- Crimping with production and service crimpers
- Cleaning and inspection of the hose assemblies

2. Machine Maintenance

Maintenance and repair of UNIFLEX machines

The participants acquire basic knowledge about the functioning of the machines, their maintenance and repair.

Practice

All types of machine maintenance work is carried out by our experienced service staff.

Duration of training

2 days: Day 1 – basics of hose assembling, theory and practice
Day 2 – machine maintenance
maximum 8 persons per course

Start: 09:00 h

Info and Inscriptions

www.uxinside.net

Experience the Value using UNIFLEX Machines! Share it with your Customer.



UNIFLEX Machine



Certification



Training

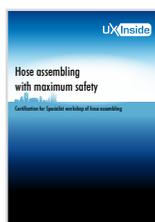
Your service and sales team.



ULS (UxInside Label)



Workshop certified.



Why UNIFLEX?



Greaseless

- Slide bearings on the crimp tool improve efficiency up to 20%, reduce friction and help keep the tool free of contaminants
- No greasing improves cleanliness of machine
- Prolongs the machine's lifetime
- Maximum productivity with very low maintenance costs
- No risk of prematurely damaging the crimping head
- End product can be used in sanitary applications without cleaning
- 20% more capability for crimping stronger or more difficult couplings versus our competition's equivalent crimpers
- Consistently accurate crimp result



Universal

- For all types of hoses and fittings



Ecoline

- Value driven solution for less frequent use



Ergonomic

- Free access for fast loading of the tool
- Compact design fits in any workshop and is ideal for on-site service
- Large opening travel for easy crimping of elbow fittings without removing the dies



Environment friendly

- Energy efficient and durable



Fixed 6-o'clock Die

- Stationary bottom die for efficient positioning of the product



Low Noise

- Very quiet hydraulic system



Energy efficient

- Less energy consumption with the same performance



Special Brake Motor

- A safety feature meeting DIN CE standards requiring the cutting blade to stop turning in 10 seconds



Special Cutting Motor

- Higher forces are achieved using a bigger shaft



Test-proven Cutting Blades

- Cutting blades are made out of test-proven material



Since 1972



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We reserve the right to make technical changes without notice. Based on the customer-specific hose line system the working range of the machines may vary. We do not accept liability for printing errors and mistakes.

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made in Germany

