



Cutting Machines

Clean cutting, safe handling, solid structure.



Universal
For all types of hoses and fittings.



Ecoline
Value driven solution for less frequent use.



Energy efficient
Now even more efficient.



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.



EM 1



EM 2



EM 3



EM 4



EM 6



EM 8



EM 110



EM 115



USC 10 | USC 20 |
USC 30

NEW

UPG 10

Guillotine for industrial hoses
up to 2" (max. OD: 75 mm).

L x W x H (mm): 1810 x 325 x 800



UNIFLEX hose cutting machines have been a synonym for the highest precision and robustness for many decades. The solid and compact tools distinguish themselves by their safe and high-quality cutting function. A distinct property is the positioning of the extraordinarily sharp cutting blades close to the powerful motors. This significantly reduces vibration – which is one of the reasons for extreme durability and low maintenance costs.



EM 3

Unique drive motor with double bearings and large shaft

- Reduce scrap with straight cuts
- More cuts between sharpening while increasing profits
- Less contamination in the shop and in the end product will result in more parts out the door and a better environment in the building
- Maximizes motor life, giving you the lowest cost of ownership in the market
- Cut faster and generate a more saleable product

Quality steel blade

- Long lasting German quality steel blades, lowering the cost of ownership

Compact Design

- Ideal for on-site service

ECOLINE Version

- High quality for those new to crimping

CE compliant

- Brake motor for safety
- Security shield

We reserve the right to make technical changes without notice. Options are machine parts that can only be ordered while buying the machine.

Accessories



UVC
Suction device



UHG 14 + UHG 14 ext
Hose-guide



330.1
Spark arrester



Hose coiling reel UW 2
+ Hose measuring tool UMS 4



UAT 4
Coiler



USH 4 + 513.1
Hose rack



UMS 4 + 514.1
Measuring device



EM 1

EM 2

EM 3

EM 3 Ecoline

EM 3 DC

Technical data	EM 1	EM 2	EM 3	EM 3 Ecoline	EM 3 DC
Production SAE R 13 & SAE R 15	–	3/4"	3/4"	–	–
Workshop SAE R 13 & SAE R 15*	–	1 1/4"	1 1/4"	1"	1 1/4"
SAE R 12	5/8"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Industrial	1 1/4"	2"	2"	1 1/4"	2"
Max. outside	Ø 45 mm	Ø 80 mm	Ø 80 mm	Ø 52 mm	Ø 60 mm
Noise level	90 dBA	90 dBA	90 dBA	90 dBA	93 dBA
Brake motor	–	✓	✓	–	–
Suction connection	Ø 30 mm	Ø 80 mm	Ø 80 mm	Ø 40 mm	Ø 40 mm
Drive	1,2 kW 1~VAC	3 kW 3~VAC	3 kW 3~VAC	1,8kW 1~VAC	12 V / 24 V 2,0 / 3,2 kW
Cutting blade	TM 160x2,5x20	TM 275x3x30	TM 275x3x30	TM G 200x1,6x25,4	TM 250x2x40Z
Brushing DN 5-6-8-10-12-16-19-25-31-38-51	–	✓	–	–	–
L x W x H (mm)	360 x 340 x 310	630 x 440 x 300	540 x 440 x 300	400 x 510 x 540	470 x 567 x 365
Weight	8 kg	65 kg	50 kg	20 kg	29 kg
Accessories					
TU Table	✓	✓	✓	✓	✓
Pneumatic feed	–	–	–	–	–
Suction device**	–	✓	✓	✓	✓
UVC Adapter	–	777.056	777.056	777.056	777.056
Hose measuring tool	–	✓	✓	–	–
Foot for UMS 4 (840 mm height)	–	–	✓	–	–
Hose guide 2000 mm	–	–	✓	–	–
Extension 1000 mm	–	–	✓	–	–

* With special cutting blade.

** Adapter needed.

Additional Information



High-quality cutting blade, secured with a metal sheet.



Guide pins ensure straight cuts.



Blades
TM = plain
TM G = slotted
TM C = plated

Cutting blades

TM C, TM G and TM

High-quality cutting blades:
TM C, TM G and TM.



TM C **NEW**

Lasts 7 times longer, cuts twice as fast, generates less smoke, less debris in the hose and less heat. Reduces the risk of separation of the rubber from the wire.





UNIFLEX hose cutting machines have been a synonym for the highest precision and robustness for many decades. The solid and compact tools distinguish themselves by their safe and high-quality cutting function. A distinct property is the positioning of the extraordinarily sharp cutting blades close to the powerful motors. This significantly reduces vibration – which is one of the reasons for extreme durability and low maintenance costs.



EM 4

Unique drive motor with double bearings and large shaft

- Reduce scrap with straight cuts
- More cuts between sharpening while increasing profits
- Less contamination in the shop and in the end product will result in more parts out the door and a better environment in the building
- Maximizes motor life, giving you the lowest cost of ownership in the market
- Cut faster and generate a more saleable product

Quality steel blade

- Long lasting German quality steel blades, lowering the cost of ownership

Compact Design

- Ideal for on-site service

CE compliant

- Brake motor for safety
- Security shield

We reserve the right to make technical changes without notice. Options are machine parts that can only be ordered while buying the machine.

Accessories



UVC
Suction device



UHG 14 + UHG 14 ext
Hose-guide



Hose coiling reel UW 2
+ Hose measuring tool UMS 4



UAT 4
Coiler



USH 4 + 513.1
Hose rack



UMS 4 + 514.1
Measuring device

Standard



330.1
Spark arrestor



EM 4



EM 4 DC

Technical data	EM 4	EM 4 DC
Production SAE R 13 & SAE R 15	1 1/4"	–
Workshop SAE R 13 & SAE R 15*	1 1/2"	1 1/4"
SAE R 12	2"	1 1/2"
Industrial	2"	2"
Max. outside	Ø 80 mm	Ø 75 mm
Noise level	90 dBA	93 dBA
Brake motor	✓	–
Suction connection	Ø 80 mm	Ø 40 mm
Drive	3kW 3~VAC	2,0kW 12VDC
Cutting blade	TM C 275 x 3 x 30	TM C 250 x 2 x 40
Brushing DN 5-6-8-10-12-16-19-25-31-38-51	–	–
L x W x H (mm)	700 x 510 x 700	740 x 360 x 610
Weight	60 kg	29 kg
Accessories		
Bench	✓	✓
Pneumatic feed	–	–
Suction device**	✓	✓
UVC Adapter	777.056	777.054
Hose measuring tool	✓	✓
Foot for UMS 4 (840 mm height)	–	–
Hose guide 2000 mm	✓	–
Extension 1000 mm	✓	–

* With special cutting blade.

** Adapter needed.

Additional Information



Guide pins ensure straight cuts, which prolongs blade life.



Blades
TM = plain
TM G = slotted
TM C = plated

Cutting blades

TM C, TM G and TM

High-quality cutting blades:
TM C, TM G and TM.



TM C 

Lasts 7 times longer, cuts twice as fast, generates less smoke, less debris in the hose and less heat. Reduces the risk of separation of the rubber from the wire.





UNIFLEX hose cutting machines have been a synonym for the highest precision and robustness for many decades. The solid and compact tools distinguish themselves by their safe and high-quality cutting function. A distinct property is the positioning of the extraordinarily sharp cutting blades close to the powerful motors. This significantly reduces vibration – which is one of the reasons for extreme durability and low maintenance costs.



EM 6 M



EM 8 M



EM 8 P

Unique drive motor with double bearings and large shaft

- Reduce scrap with straight cuts
- More cuts between sharpening while increasing profits
- Less contamination in the shop and in the end product will result in more parts out the door and a better environment in the building
- Maximizes motor life, giving you the lowest cost of ownership in the market
- Cut faster and generate a more saleable product

Quality steel blade

- Long lasting German quality steel blades, lowering the cost of ownership

Compact Design

- Ideal for on-site service

ECOLINE Version

- High quality for those new to crimping

CE compliant

- Brake motor for safety
- Security shield

Accessories



UVC
Suction device



UHG 14 + UHG 14 ext
Hose-guide



Hose coiling reel UW2
+ Hose measuring tool UMS 4



UAT 4
Coiler



USH 4 + 513.1
Hose rack



UMS 4 + 514.1
Measuring device



329.1 (for EM 6 M) |
323.1 (for EM 8)

Standard



330.1
Spark arrester

We reserve the right to make technical changes without notice. Options are machine parts that can only be ordered while buying the machine.



EM 6 DC



EM 6 M



EM 6 P



EM 6 Ecoline



EM 8 M



EM 8 P

Technical data	EM 6 DC	EM 6 M	EM 6 P	EM 6 Ecoline	EM 8 M	EM 8 P
Production SAE R 13 & SAE R 15*	–	1 1/4"	1 1/4"	–	1 1/4"	1 1/4"
Workshop SAE R 13 & SAE R 15*	2"	2"	2"	2"	2"	2"
SAE R 12	2"	2"	2 1/2"	2"	2 1/2"	2 1/2"
Industrial	2"	3"	3"	2"	4"	4"
Max. outside	Ø 75 mm	Ø 85 mm	Ø 90 mm	Ø 80 mm	Ø 120 mm	Ø 120 mm
Noise level	93 dBA	90 dBA	90 dBA	90 dBA	90 dBA	90 dBA
Brake motor	–	✓	✓	–	✓	✓
Suction connection	Ø 40 mm	Ø 60 mm	Ø 60 mm	Ø 80 mm	Ø 60 mm	Ø 60 mm
Drive	3,2 kW : 24 Volt	4,6 kW	4,6 kW	2,4 kW	4,6 kW	4,6 kW
Cutting blade	TM C 250 x 2 x 40	TM C 350 x 3 x 30	TM C 350 x 3 x 30	TM C 275 x 3 x 25,4	TM C 400 x 4 x 30	TM C 400 x 4 x 30
L x W x H (mm)	740 x 360 x 610	745 x 690 x 430	820 x 785 x 755	700 x 510 x 700	983 x 760 x 875	983 x 760 x 540
Weight	29 kg	75 kg	110 kg	45 kg	122 kg	140 kg
Accessories						
Bench	✓	✓	✓	✓	✓	✓
Pneumatic feed	–	–	standard	–	–	standard
Suction device**	✓	✓	✓	✓	✓	✓
UVC Adapter	777.054	777.055	777.055	777.056	777.055	777.055
Hose guide	–	✓	✓	✓	✓	✓

* With special cutting blade.

** Adapter needed.

Additional Information



Guide pins ensure straight cuts, which prolongs EM 1 EM 2 blade life.



Blades
TM = plain
TM G = slotted
TM C = plated

Cutting blades

TM C, TM G and TM

High-quality cutting blades:
TM C, TM G and TM.



TM C **NEW**

Lasts 7 times longer, cuts twice as fast, generates less smoke, less debris in the hose and less heat. Reduces the risk of separation of the rubber from the wire.





The EM 110 and EM 115 are highly productive cutting machines. These machines are best suited for high volume manufacturing of 2" hoses along with workshop capability for 3" high pressure hose and 4" industrial hose.



EM 110



EM 115

Unique drive motor with double bearings and large shaft

Reduce scrap with straight cuts

More cuts between sharpening while increasing profits

Less contamination in the shop and in the end product will result in more parts out the door and a better environment in the building

Maximizes motor life, giving you the lowest cost of ownership in the market

Cut faster and generate a more saleable product

Quality steel blade

Long lasting German quality steel blades, lowering the cost of ownership

Compact Design

Ideal for on-site service

CE compliant

Brake motor for safety

Security shield

Accessories



UVC
Suction device



UHG 14 + UHG 14 ext
Hose-guide



Hose coiling reel UWLT 2
+ Hose measuring tool UMS 4



UAT 4
Coiler



USH 4 + 513.1
Hose rack



UMS 4 + 514.1
Measuring device

Standard



330.2
Spark arrestor



EM 110

EM 115

Technical data	EM 110	EM 115
Production SAE R 13 & SAE R 15*	3"	2"
Workshop SAE R 13 & SAE R 15*	3"	3"
SAE R 12	3"	3"
Industrial	4"	3"
Max. outside	Ø 125 mm	Ø 125 mm
Noise level	90 dBA	90 dBA
Brake motor	✓	✓
Suction connection	Ø 100 mm	Ø 100 mm
Drive	7,5 kW	7,5 kW
Cutting blade	TM C 520x4x40	TM C 520x4x40
L x W x H (mm)	800 x 780 x 1700	1210 x 650 x 1650
Weight	280 kg	245 kg
Options		
Bench	-	-
Pneumatic feed	hydro pneumatic	pneumatic
Suction device**	-	-
UVC Adapter	-	-
Hose guide	✓	✓

* With special cutting blade.

** Adapter needed.

Additional Information



Lateral guide rolls for guiding and positioning of the hose, for a better cutting quality.



Various bending points selectable for straighter cuts and relief of pinch on the blade.



Exchangeable guide (two sizes) for optimum positioning of different hose sizes. (EM 115 only)



Guide for perfectly centering hoses.

Cutting blades

TM C, TM G and TM

High-quality cutting blades: TM C, TM G and TM.



TM C **NEW**

Lasts 7 times longer, cuts twice as fast, generates less smoke, less debris in the hose and less heat. Reduces the risk of separation of the rubber from the wire.





FOR CORRUGATED METAL HOSES AND PTFE HOSES

Cutting results that often eliminate an additional step. This completely unique planetary cutting machine delivers almost scrap-free production with high efficiency. With a completely variable centering clamp system, all hose ODs to the maximum rating for the machine can be cut. Approximate cutting time is 25 seconds for 1 ¼" (ø DN 32).



USC 10 | USC 20

Productive and ergonomic

- No dramatic flaring of the stainless steel braid
- Reduces or eliminates time-consuming manual preparatory work, thereby increasing productivity and lowering costs
- Centering hose clamp system
- Shortest cut possible from 10 cm
- Minimizes personnel costs and preparatory work
- No wrapping/unwrapping with adhesive tape required
- Uses standard cutting blades

Siemens Industrial Color Touch Panel

- Clearly laid-out user-friendly software on a panel with a 6" color display screen
- Large article memory promotes productivity
- Reference run for optimal positioning of the cutting blade for cutting all hose diameters
- Programmable constriction time, cutting blade speed and cutting time allows for good results through a wide range of hose sizes and materials
- Monitoring of production by resettable total counter, batch size counter or daily cut counter

CE compliant

We reserve the right to make technical changes without notice. Options are machine parts that can only be ordered while buying the machine.

Standard

- Control C
- Belt Tension Tool
- Reference drive
- Total measurer
- Batch size measurer (resettable)
- Daily measurer (resettable)

Accessories



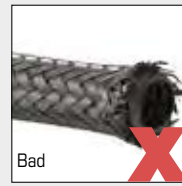
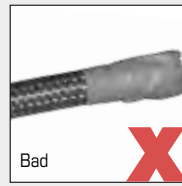
5,7" display | Touch panel



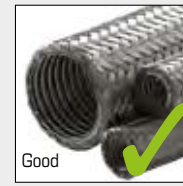
UHG 325.3 Hose guide



UHG 14 + UHG 14 ext Hose guide



Conventional machine



USC

USC 10 | USC 20 | USC 30

Technical data	USC 10	USC 20	USC 30 NEW
Cutting blade	TM 200 x 2 x 25,4 mm	TM 250 x 2 x 25,4 mm	TM 350 x 3 x 32 mm
Wire braid	2"	4"	6"
Hose diameter	Ø 3/8" - 2" (DN 10-51)	Ø 2" - 4" (DN 50-100)	Ø 4" - 6" (DN 100-150)
Max. rotation wire forming blade	7200 rpm	7200 rpm	4100 rpm
Max. rotation trimming	60 rpm	60 rpm	30 rpm
Drive	4,6 kW	4,6 kW	5 kW
Air pressure	6 bar	6 bar	6 bar
Noise level	85 dB(A)	85 dB(A)	85 dB(A)
Working high	1020	1100	1045
L x W x H (mm)	730 x 670 x 1400	730 x 770 x 1500	900 x 1250 x 1520
Weight	245 kg	340 kg	580 kg
Control Siemens S7	✓	✓	✓
Article memory	✓	✓	✓
Feed	pneumatic	pneumatic	pneumatic
Suction device*	standard	standard	standard
Options			
Hose guide	✓	✓	

* Adapter needed.

Additional Information



Improved fixture for centering hose clamp. Longer, grooved rollers ensure a better grip.

Planetary cutting machine for corrugated metal hoses and PTFE hoses. The unique procedure enables quick and neat cutting of corrugated metal and PTFE hoses without flaring the other stainless steel braid.

- Eliminates flaring
- No more trimming
- Easily slip the ferrule into position
- Reduces assembly injuries
- Improves production efficiency
- Touch panel with memory (optional 5,7" display)
- Quick and easy set up
- Allows broader application range to now include PTFE hose



Options and Accessories

For Cutting Machines.



**TU**

Workbench for miscellaneous machines
(84 x 71 x 75 cm)

**Suction device**

Suction device with spark arrestor
(UVC S36-21 + UVC S36-FL)

UVC Adapter

Art. Ø

777.054 40 mm EM 3.2DC, EM 3.2
Ecoline

777.055 60 mm EM 8.3, EM 6.2

777.056 80 mm EM2, EM 3, EM3 DC,
EM6, EM 8, EM 8.2

**UHG 14 + UHG 14 ext**

UHG 14 Hose guide 2000 mm and
UHG 14 ext. extension guide 1000 mm
for all cutting machines

**329.1 (for EM 6 M) | 323.1 (for EM 8)**

Resettable cutting counter for EM 6 M

**UWT 2 (optional UMS 4)**

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.

LxWxH 800x900x1600 mm

Weight 70 kg

**UMS 4 + 514.1 (floor stand)**

Hose measuring tool up to 1 1/4", can
be mounted in front of the cutter or on a
hose coiler.

Measures up to 999,99 m

tolerant 2 - 5 %

LxWxH 250 x 260 x 120 mm

Weight 5 kg

**UAT 4**

Hose winder for storing hoses

Ø 1200 mm

L x H 1200 x 1300 mm

Weight 80 kg

Center pin set up

Smallest Ø 277,5

Biggest Ø 577,5

**USH4 + 513.1 (Accessory)**

Hose winder for the easy storage of your
hydraulic hoses, up to seven levels.

cage-Ø outside / inside 820 / 760 mm

external dimension 1000 mm

level high 310 mm

Cage ultimate load 80 kg

513.1:

Plate with fixing bolts

**Spark arrestor**

(330.1 EM 1 to EM 8 /
330.2 EM 110 & EM115)



Skiving Machines

Easy and safe.



Internal & External Skiving

Simultaneous internal and external skiving in one operation.



Universal

For all types of hoses and fittings.



Ecoline

Value driven solution for less frequent use.



USM 2



USM 10



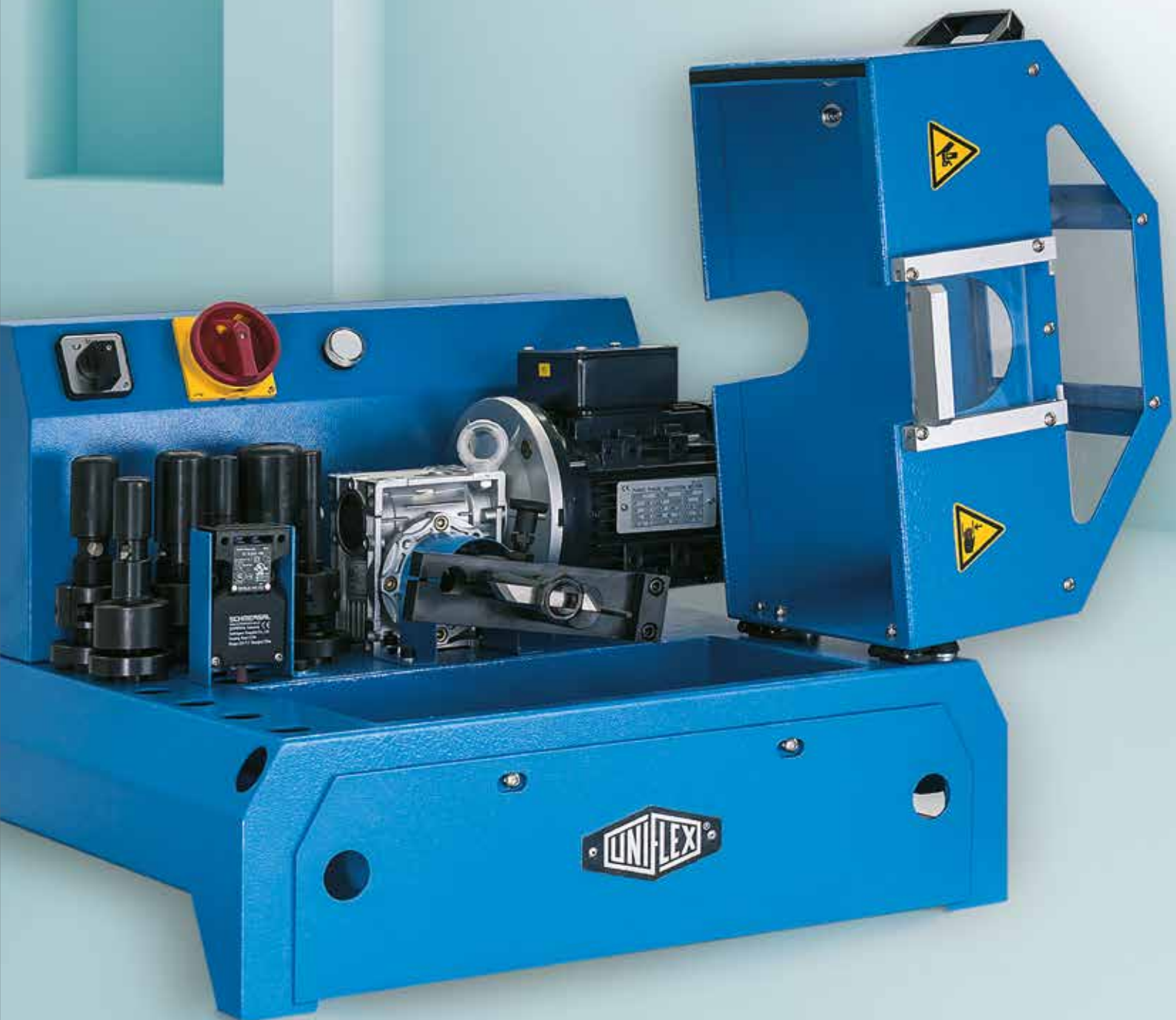
USM 10 S



USM 100



USM 125





The new skiving machine, with the fastest change-over time due to preset tools and simple locking pins. The USM 10 S skives internally from 5/8" up to 2" and externally from 3/16" - 2" dies, making the system the perfect solution.



USM 10
New design available July 2017

User-friendly control improves efficiency

- Full concentration on the piece due to control via foot pedal
- Big Makrolon® windows give a good overview

Higher productivity due to quick change-over time

- Easy exchange of skiving tool using a locking pin
- Preset tools save time. When switching from one size to another, just put in the preset skiving tool and in seconds you are skiving another size (USM 10 S)

CE compliant

- Easy-open protective cover
- Safety flap for injury-free working
- Safe installation on the workbench



USM 2



USM 10 S

Accessories



SSG
Slitting tool – to keep the skiving chips short



TU - work bench



USM 10 S - PJ RKSTLS
without mandrels



USM 10 S - 313.1
Set with 6 mandrels.
Internal skiving mandrel.

USM 10 S

USM 10 S

With TU Table and tooling storage.



We reserve the right to make technical changes without notice. Options are machine parts that can only be ordered while buying the machine.



USM 2



USM 10



USM 10 S

Technical data	USM 2	USM 10 Ecoline	USM 10	USM 10 S
Internal skiving	5/8" – 2"	5/8" – 2"	5/8" – 2"	5/8" – 2"
External skiving	3/16" – 2"	3/16" – 2"	3/16" – 2"	3/16" – 2"
Drive	Manual	0,37 kW (1~)	0,37 kW (3~)	0,37 kW (3~)
Type of application	Mobil	Workshop	Workshop	Workshop
Noise level	-	60 dBA	60 dBA	60 dBA
L x W x H (mm)	338 x 465 x 445	440 x 440 x 545	440 x 440 x 545	440 x 440 x 545
Weight	16 kg	35 kg	35 kg	35 kg
Tool revolution	-	110 rpm	110 rpm	110 rpm
Options				
Bench	✓	✓	✓	✓
SSG	✓	✓	✓	✓

Packages	
USM 2	+ external skiving mandrel (PJ_EXB 250- DN 05, 06, 08, 10, 12, 16, 19, 25, 32,38, 50) + internal skiving tool (UIS.2 DN 16, 19, 25, 32, 38, 51)
USM 10 ecoline / USM 10	+ external skiving mandrel (PJ_EXB 250- 05, 06, 08, 10, 12, 16, 19, 25, 32,38, 50) + internal skiving tool (UIS.2 DN 16, 19, 25, 32, 38, 51)
USM 10 S	with preset tools for fast and easy tool change with 11 external skiving tools (UES.3 - 05, 06, 08, 10, 12, 16, 19, 25, 31, 38, 51) + 313.1 (Set with 6 internal skiving tools - UIS.3- 16, 19, 25, 31, 38, 51) + tool rack (PJ_RKSTLS)
USM 10 S TU	+ TU same as USM 10 S package, additional: Machine and tool rack mounted on the UNIFLEX table TU incl. internal skiving tool, external skiving machine and tool rack mounted on the TU

Additional Information



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



Skiving mandrels are manually adjustable.



Safety switch for riskless operation.



Easy adjustment of the skiving tool.



Blade adjustments for skiving depth need only to be made once for each hose dimension on the USM 10 S.



1 tool on the USM 10 Ecoline for all dimensions.



Internal and external skiving - efficient and clean!

The USM 100 is a machine that prepares hoses for assembly, and skiving can be done both internally and externally simultaneously. The USM 125 is a stable machine for skiving up to 4" industrial and rotary hose. The double-skiving tool with reinforced mandrels can be controlled separately or simultaneously without changing the tool.



USM 125



USM 100

User-friendly control improves efficiency

Full concentration on the piece due to control via foot pedal

Big Makrolon® windows give a good overview

Hose guiding system can be controlled manually

Easy access to trash drawer

Simultaneous internal and external skiving

Higher productivity due to quick change-over time

Easy exchange of skiving tool using a locking pin

Preset tools save time. When switching from one size to another, just put in the preset skiving tool and in seconds you are skiving another size.

CE compliant

Easy-open protective cover

Safety flap for injury-free working

Safe installation on the workbench (USM 100)

Package

Package USM 100

Machine

- + 5 internal skiving mandrels UIT Ø20-Ø50
- + 5 external skiving tools UOP 6,8,10,12,16
- + 1 external skiving tool holder (UOT 6 - 50)
- + 1 chuck (307.903)

Package USM 125

Machine

- + UES 125 - single blade external skiving tool holder.
- + UES 125 - double blade external skiving tool holder.

Standard



Simultaneous internal and external skiving.



USM 100



USM 125

Technical data	USM 100	USM 125
Internal skiving	3/4" – 2 1/2"	5/8" – 4"
External skiving	1/4" – 2"	5/8" – 4"
Drive	1,2 / 1,8 kW (3~VAC)	1,1 + 2,2 kW (3~VAC)
Type of application	Production	Production
Noise level	60 dBA	60 dBA
L x W x H (mm)	780 x 620 x 550	2330 x 885 x 1350
Weight	70 kg	150 kg
Tool revolution	392 rpm / 592 rpm	94 rpm
Accessories		
Bench	✓	–
SSG	Standard	✓
TU Table	✓	–
UES 125-DN16	ext. skiving tool 5/8" (DN 16)	–
UES 125-DN19	ext. skiving tool 3/4" (DN 19)	✓
UES 125-DN25	ext. skiving tool 1" (DN 25)	✓
UES 125-DN31	ext. skiving tool 1 1/4" (DN 31)	✓
UES 125-DN38	ext. skiving tool 1 1/2" (DN 38)	✓
UES 125-DN51	ext. skiving tool 2" (DN 51)	✓
UES 125-DN63	ext. skiving tool 2 1/2" (DN 63)	✓
UES 125-DN76	ext. skiving tool 3" (DN 76)	✓
UES 125-DN89	ext. skiving tool 3 1/2" (DN 89)	✓
UES 125-DN100	ext. skiving tool 4" (DN 100)	✓
UIS 125-DN16	int. skiving tool 5/8" (DN 16)	–
UIS 125-DN19	int. skiving tool 3/4" (DN 19)	✓
UIS 125-DN25	int. skiving tool 1" (DN 25)	✓
UIS 125-DN31	int. skiving tool 1 1/4" (DN 31)	✓
UIS 125-DN38	int. skiving tool 1 1/2" (DN 38)	✓
UIS 125-DN51	int. skiving tool 2" (DN 51)	✓
UIS 125-DN63	int. skiving tool 2 1/2" (DN 63)	✓
UIS 125-DN76	int. skiving tool 3" (DN 76)	✓
UIS 125-DN89	int. skiving tool 3 1/2" (DN 89)	✓
UIS 125-DN100	int. skiving tool 4" (DN 100)	✓

Accessories



SSG Slitting tool – to keep the skiving chips short. Included with USM 100.



TU - work bench



The SSG slitting tool shortens skiving chips.



Double skiving tool with hose.



Clamping and guiding unit with wheels for up to 4" hoses.

Additional Information



Nipple Insertter, Pin Prick

Simplify your production.



Universal

For all types of hoses and fittings.



Ecoline

Value driven solution for less frequent use.



UNE 10



UNE 115



PR 10

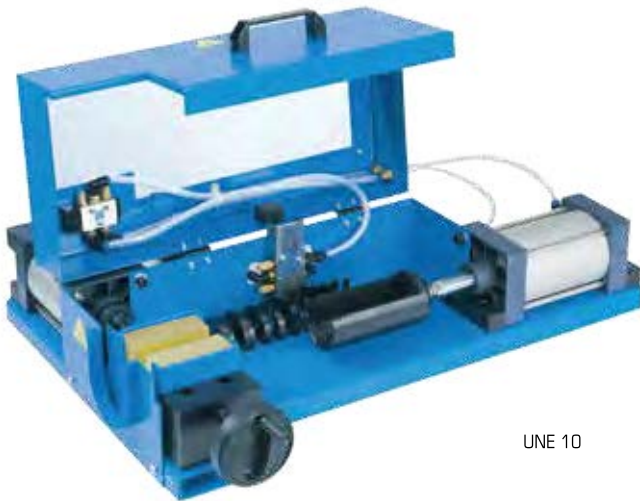


PR 12





The UNE 10 and UNE 115 are high-performance tools for production and the workshop. These machines now permit fittings up to 3" to be inserted or extracted. Due to its innovative rapid tool sled, the insertion of 90 degree, 45 degree or straight fittings without changing tools is now simple and quick with the UNE 115.



UNE 10



UNE 115

Ergonomic

Freely positionable foot pedal for clamping hose saves time and increases productivity – UNE 115

Liftable eyelets for easy positioning of the machine – UNE 115

Easy handling

Universal hose clamping dies for all hose diameters – no change-over eliminates lengthy setup times

Axially adjustable clamping unit for all diameters prevents kinking of thin hoses for efficient operation

Individual clamping force adjustment for damage-free clamping and avoiding scrap

Zero maintenance reduces costs

Rapid sled for inserting curved and straight fittings without time-consuming exchange of fork sets saves time

Safety compliant

Safety guards on all moving components

CE-compliant, robust UNIFLEX quality

Standard

Established standard functions:
 10 inserts for hose ferrules with bended tubes
 (Ø 12, 15, 18, 22, 28, 34, 42, 54 mm
 and one closed insert)



UNE 10



UNE 115

Technical data	UNE 10	Technical data	UNE 115
Max. nipple insertion (OD fitting, straight or elbow)	< 2**	Working range	< 3**
Force	5,1 kN (6 bar)	Hose max. outside	Ø 120 mm
Piston stroke	100 mm	Compressed air connection	8 bar
L x W x H (mm)	600 x 810 x 310	Insertion force	8 kN (8 bar)
Weight	35 kg	Clamping force	8 kN (8 bar)
Pneumatic air supply	7 bar / 100 psi	Control	Foot pedal
		L x W x H (mm)	625 x 1185 x 320
		Weight	100 kg
		Pneumatic air supply	7 bar / 100 psi

* According to the manufacturer.

104.1150 standard set UNE 115:

103.100.4 gap application 8-14
103.101.4 gap application 16-22
103.102.4 gap application 24-27
103.103.4 gap application 31
103.104.4 gap application 37
103.105.4 gap application 39
103.106.4 gap application 43
103.107.4 gap application 58
103.108.4 limit plate
103.109.4 centering pin 5
103.110.4 centering pin 7
103.111.4 centering pin 10
103.112.4 centering pin 14
103.113.4 centering pin 19
103.114.4 centering pin 24
103.115.4 centering pin 29
103.116.4 centering pin 42
103.117.4 gap application 65
103.118.4 gap application 80
104.042.3 equipment blade
104.043 star knob

Accessories



TU Table



778.2 hard rubber wheels set (4 pieces) - 2 incl. locking brake

Additional Information



Preloading Safety control coupled to foot pedal.



Secure clamping unit.



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



The use of gas hoses (e.g. compressed air, nitrate, etc.) requires perforating the outer layer. With low effort, the PR 10 makes perforating the outer layer of hoses easy.

The established UNIFLEX quality gives you a precision tool to work with hoses up to an outer diameter of 45 mm.



PR 10



PR 12

Perforating with standards

Constant and quick adjustments of the prick depth directly on the machine

Closable needles

Pricking from 4 sides simultaneously (PR 10 / PR PB)

No injury to the pressure holder

Compact construction and tried-and-tested technique

Perforating of even 8 mm OD hoses is possible

Saves space

User friendly

Easy adjustment of hose dimensions

2, 3 or 4 wheels can perforate, depending on what is needed

Saves money

No course of instruction needed

Patent solution vs. costs – PR PB

No investments for additional machines

No maintenance

Saves time due to reproducible adjustments of the prick depths

Easy handling

We reserve the right to make technical changes without notice. Options are machine parts that can only be ordered while buying the machine.

Perforating dies for crimpers



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

Delivered in 4-piece sets



PR PB 266 P
For:
S 6



PR PB 232 F
For:
HM 290 | HM 320 |
HM 370



PR PB 237 G
For:
S 8 | S 10 |
HM 325 | HM 375 |
HM 380



PR 10



PR 12



PR PB

Technical data	PR 10	PR 12
Working range	Ø 8 - 45 mm	Ø 8 - 55 mm
L x W x H	290 x 150 x 330	270 x 200 x 400
Weight	~ 8 kg	~ 22 kg

Machine	PR PB	Hose Ø (0 - max. OD)	PR PB Intermediate die set
S6*	PR PB 266 P	0 - 45 mm	./.
S6 ECOLINE*	PR PB 266 P	0 - 45 mm	./.
HM290	PR PB 232 F	0 - 68 mm	./.
HM502	PR PB 232 F	0 - 70 mm	554.323 L
S8	PR PB 237 G	0 - 45 mm	./.
S8 ECOLINE	PR PB 237 G	0 - 45 mm	./.
S10	PR PB 237 G	0 - 45 mm	./.
S10 ECOLINE	PR PB 237 G	0 - 45 mm	./.
HM325	PR PB 237 G	0 - 70 mm	./.
HM375	PR PB 237 G	0 - 70 mm	./.
HM380	PR PB 237 G	0 - 70 mm	./.
HM420	PR PB 237 G	0 - 50 mm	245.237 L
HM480	PR PB 237 G	0 - 150 mm	245.237 L
HM485	PR PB 237 G	0 - 130 mm	245.237 L
HM660	PR PB 237 G	0 - 120 mm	245.237 L
HM1200	PR PB 237 G	0 - 120 mm	245.237 L
HM665	PR PB 237 G	0 - 120 mm	245.237 L

Additional Information



Constant prick depth



Side view



With perforating wheels

Double Prick Wheels

- Straight perforation
- No twisting of hoses

Adjustments

- Perfect hose guidance and centration
- Optimal adjustment of hose dimensions

Compact construction

- With minimum space requirements
- Mobile usage possible



Marking and Bending Machines

Easy handling, rugged design, reliable operation.



Universal

For all types of hoses and fittings.



Ecoline

Value driven solution for less frequent use.



UP 10 Ecoline



UP 115



UIM 10



UBM 6-20 M



UNI-LEX
UIM 10



The UNIFLEX marking tool UP 10 Ecoline has a compact table construction. The European safety regulations DIN20066-2012-10, EN853, 854, 856, 857 stipulate that hose lines have to be marked indelibly with the manufacturer code, the assembling date and the max. pressure, e.g: XX_YY/MM_330 bar. This embossing will also allow you to indicate who produced the hose line and when. This is helpful information in the case of warranty claim. The new and compact UNIFLEX marking tool UP 10 Ecoline is a precise and easy-to-handle tool. The robust technology and low maintenance makes it a perfect machine for mobile operations or workshops.



UP 10 Ecoline



UP 115

Compact Design

Compact for mobile usage, standard with a 1-row marking tool

User friendly

Easy height adjustments possible

Precise and robust technique

Easy handling and adjustments

Low maintenance

ECOLINE Version

High quality for those new to crimping

Package

UP 10 Package =
UP 10 Ecoline + UPTS 10

UP 115 Package =
UP 115 + UPTS 100

UP 10 Ecoline Package: UPTS 10

Marking Type Set

Letters: 1x A, B, I, N, R, S, /, 2x P, 10x space,
4x letter of own choice
4 mm high / 2,5 mm width

Numbers: 6 x 1; 5 x 2,3,4,5; 4 x 6; 3 x 7,8,9; 4 x 0
wild character 1 x 504.033.4 (5-fold) +
504.034.4 (10-fold)

Neutral: Brush, Tweezers, Mirror

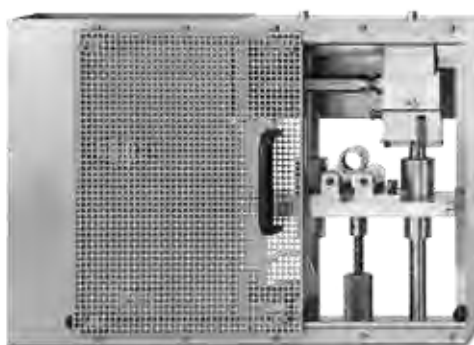
UP 115 Package: UPTS 100

Marking Type Set

Letters: 1x A, B, I, N, R, S, /, 2x P, 10x space,
4x letter of own choice
3 mm high / 2 mm width

Numbers: 6 x 1; 5 x 2,3,4,5; 4 x 6; 3 x 7,8,9; 4 x 0

Neutral: Brush, Tweezers, Mirror



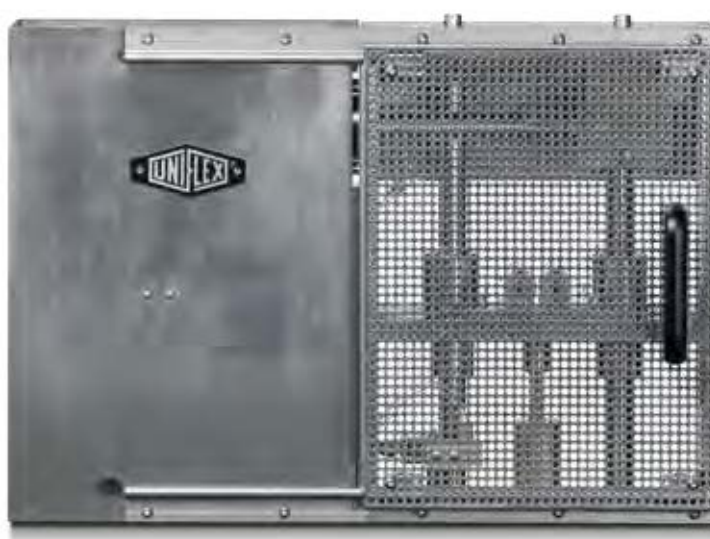
UP 10 Ecoline

UP 115

Technical data	UP 10 Ecoline	UP 115
Marking area	Ø 12 - 80 mm	Ø 11,5 - 100 mm
Marking depth	~ 0,5 mm	~ 0,5 mm
Insertable steel type	25 pieces	30 pieces *
Drive	Manual	Pneumatic
L x W x H (mm)	285 x 265 x 410	625 x 465 x 325
Weight (kg)	10	48

Marking depth depends on the adjustment of the marking roll.

* Depending on the type holder.



UP 115 closed

Accessories



504.003

Additional type holder for UP 10 Ecoline. Simple change between different markings. 25 types.



506.060.3

Type holder for UP 115. Single row, 13 characters, 4 number type wheels and bar/psi stamp.



506.050.3

Type holder for UP 115. Double row, 15 characters each.



506.080

Height Setting Display for UP 115.

Options



Use of marked hoses improves safety. The UIM 10 is a low-cost insert marking tool for up to 2" hoses. The marking can be repeated exactly. In order to assure to skive the proper length or the fitting is inserted properly.

You can mark up to 700 hoses in an hour. This means you can manually mark hoses three times faster with a lot more precision.



Stamp Pad:	Cartridges:	Solvent:
515.027.4	515.1 White 515.1 Black 515.1 Red 515.1 Yellow 515.1 Blue	515.1 Solvent

Amortisation
Amortisation reached after 20 hours or 14,000 hoses
Minimum space requirements and easy handling make long trainings or otherwise costly stationaries needless
Reduction of discard through exact positioning of hoses and tools
Time and cost saving positioning of the tools increases productivity and profitability
Low maintenance costs
Pressure stamps for marking the ends of hoses with ink cartridges especially made for this work, prepared not to dry out
One ink cartridge lasts for approx. 10,000 markings
Technical innovations for steady quality
Pneumatic activation of the stamp
Clean markings
Exact and stable markings in each repetition
CE conformity

UIM 10

Technical data	UIM 10
Working range	2" (up to DN50)
Marking depth	10 - 150 mm
Production time max.	700 / h
Air Pressure	5 bar (72,5 PSI)
L x W x H (mm)	330 x 190 x 313
Weight (kg)	4,5

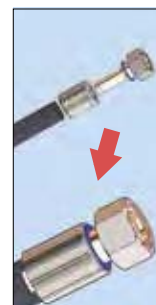
UNIFLEX insert – marking tool (ferrule position marking) Increases productivity and improves safety in hose sizes up to 2".

We reserve the right to make technical changes without notice. Options are machine parts that can only be ordered while buying the machine.

Additional Information



Mark hoses precisely and quickly with the UIM 10.



Optimal marking process

The UBM 6-20 M is a universal bending device for steel pipes up to 20 mm OD. It comes with a set of bending rolls for common applications.

An integrated scale for angle detection helps you to reach the required pipe dimension in only one work step. The telescopic lever keeps the operator's forces low when bending rigid pipes.



UBM 6-20 M

Compact design

Compact for mobile usage

Standard with a set of 6 bendings rolls

User friendly

Easy handling

Simple adjustment

Wide workpiece range

Innovative design

Angle scale included

Telescopic lever

Technical data

UBM 6-20 M

Working range	OD Ø6-20 mm
Bending radius (mm)	19 - 40
Drive	Manual
LxWxH (mm)	870x170x130
Weight (kg)	15

