

# Uniflex Crimpers



Abdex Industries.  
Australia's Exclusive Distributor of Uniflex Products

- Victoria
- Western Australia
- Queensland
- United Kingdom

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# Service Crimpers



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# SL3

Next-generation crimper for low pressure hose assemblies. Two-in-one solution with integrated die sets O5 and O15 for DN 03-16. With the SL 3-16 M, UNIFLEX innovates the existing crimper: Two integrated die sets in one tool. No more lost time changing the die. Just change the handle and you are already crimping the other size. There is no risk of losing dies, no dirty hands, no "time lost". With the built-in handle, you can easily carry it anywhere.

SL 3-32 M and SL 3-75 complete the range with large opening travel up to 3".

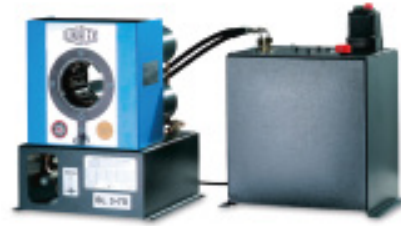
**SL 3-16M**



**SL 3-32 M**



**SL 3-75**



Technical Data	SL 3-16 M	SL 3-32 M	SL 3-75 M
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 / 5.52
Types of dies	150	263	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	20 kg	28 kg	88 kg

Package dies

263	
D Types of die	PB263-XX-D Length (mm)
6.8	40
9	75
12	75
14	75
17	75
20	75
24	75
28	75
32	75
36	75
40	75
44	75
47	75

Package dies

293-XX-Ø-YY	
D Types of die	293-xx-Ø-YY (mm)
6.8	50
9	50
10	50
12	50
14	65
16	65
17	60
19	60
20	60
22	60
24	60
26	75
28	75
30	75
31	75
32	75
34	75
36	75
38	75
39	75
40	75
44	75
47	75
50	75
54	75
57	75 75
62	100



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# SH 2 (S 2)

Most workshops and mobile service teams do without the power and reliability of large stationary crimpers? UNIFLEX's answer is a definite "no". Our compact, multi-purpose workshop crimpers prove that the advantages of the legendary slide bearing technology can also be used in light-weight, inexpensive equipment that will fit into almost any vehicle and workshop.

The SH 2 series models offer an optimal force-to-weight ratio of 1" 4 SP at a weight of 29 kg, a large opening stroke up to 22 mm (0.87") and a maximum pressing range up to 63 mm (2.48").

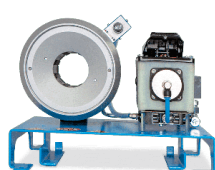
**SH 2 M H2**



**SH 2 M Ecoline**



**SH 2 P**



**SH 2 A**



**SH 2 LA**



Technical Data	SH 2 M H2	SH 2 M Ecoline	SH 2 P	SH 2 A	SH 2 LA
Crimp force (kN/Ton)	900/90	900/90	770/77	900/90	450/45
No grease: 20% less friction	✓	✓	✓	✓	✓
SAE R 12/4SP* 1 piece fitting	1 1/4"	1 1/4"	1 1/4"	1 1/4"	3/4"
SAE R 15/4SH* 2 piece fitting	1"	1"	1"	1"	5/8"
Industrial	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
90° Elbows	1"	1"	1"	1"	1"
Max. Crimp range** (mm/inch)	63 / 2.48	63 / 2.48	63 / 2.48	63 / 2.48	63 / 2.48
Opening (mm/inch)	+22 / +19.06	+22 / +19.06	+22 / +19.06	+22 / +19.06	+22 / +19.06
Opening without Dies (mm/inch)	77 / 3.03	77 / 3.03	77 / 3.03	77 / 3.03	77 / 3.03
Master dies length (mm/inch)	75 / 2.95	75 / 2.95	75 / 2.95	75 / 2.95	75 / 2.95
Type of dies	263	263	263	263	263
Speed (mm/sec)					
Close	-	-	0.9	5.8	2.4
Crimp	-	-	0.9	0.6	0.2
Drive	Manual	Manual	Pneumatic **	1 VAC	1 VAC
Oil	0.75 L	0.75 L	2 L	1.5 L	1.5 L
L X W X H (mm)	500 X 420 X 440	216 x 165 x 348	380 x 400 x 350	450 x 450 x 350	450 x 450 x 450
Weight	32 kg	29 kg	33 kg	41 kg	56 kg

**Package dies**

263	
D Types of die	PB263-XX-D Length (mm)
6.8	40
9	75
12	75
14	75
17	75
20	75
24	75
28	75
32	75
36	75
40	75
44	75
47	75



**SH =  
Hollow  
Piston  
Press**



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# UG 20

## UG 20 Ecoline




## UG 20 Mobileline



Technical Data	UG 20 Ecoline	UG 20 Mobileline
Crimp force (kN/Ton)	190	190
No grease: 20% less friction	✓	✓
Control	Control A	Control A
SAE R 12/4SP* 1 piece fitting	1 1/4"	1 1/4"
SAE R 15/4SH* 2 piece fitting	1 1/4"	1 1/4"
SAE R 12/4SP* 2 piece fitting	1 1/2"	1 1/2"
Industrial	2"	2"
90° Elbows	1 1/4"	1 1/4"
Max. Crimp range (mm/inch)	70 mm	70 mm
Opening (mm/inch)	+ 27 mm	+ 27 mm
Opening without dies (mm/inch)	97 mm	97 mm
Master dies length (mm/inch)	100 mm	100 mm
Types of dies	239	239
Speed (mm/sec)		
Close	2.0	1.5
Crimp	2.0	0.4
Open	7.6	5.7
Noise Level	69 dBA	69 dBA
Drive	3 kW	1.8 kW
Oil	35 L	4 L
L X W X H (mm)	600 x 550 x 630	430 x 370 x 440
Weight	150 kg	110 kg
Options		
12 VDC/24 VDC	-	✓
1 VAC	✓	✓
Control IPC	✓	-

### Package dies

 <b>293</b>	
D Types of die	PB263-XX-D Length (mm)
6.8	50
9	50
10	50
12	50
14	60
16	60
17	60
19	60
20	60
22	60
24	75
26	75
28	75
30	75
31	75
32	75
34	75
36	75
38	75
39	75
40	75
44	75
47	75
50	75
54	75
57	75
62	75



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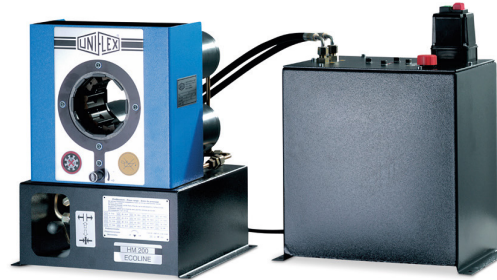
# HM 200

As the unrivaled classic in the 1" field, with its narrow, innovative construction, high level of user friendliness, versatility and long service life, the HM 200 sets the unbeatable standard for quality and cost effectiveness. Its compact construction allows for ergonomic working. The use of different die sets allows pressing of all types of fittings, and the proven greaseless slide bearing technology reduces maintenance costs. The Ecoline model is hydraulically controlled and has a separate tank to save space in workshops.

## HM200




## HM 200 Ecoline



Technical Data	HM 200	HM 200 Ecoline
Crimp force (kN/Ton)	1,300 / 130	1,300 / 130
No grease: 20% less friction	✓	✓
Control	Control A	Control A
SAE R 12/4SP* 1 piece fitting	1 1/2"	1 1/2"
SAE R 15/4SH* 2 piece fitting	1"	1"
SAE R 12/4SP* 2 piece fitting	1 1/4"	1 1/4"
Industrial	2"	2"
90° Elbows	1 1/2"	1 1/2"
Max. Crimp range (mm/inch)	70 / 2.76	70 / 2.76
Opening (mm/inch)	+30 / +1.18	+30 / +1.18
Opening without dies (mm/inch)	100 / 3.94	100 / 3.94
Master dies length (mm/inch)	75 / 2.95	75 / 2.95
Types of dies	239	239
Speed (mm/sec)		
Close	3.5	3.5
Crimp	3.5	3.5
Open	5.9	5.9
Noise Level	69 dBA	69 dBA
Drive	3 kW 3 VAC	3 kW 3 VAC
Oil	35 L	40 L DC4
L X W X H (mm)	800 x 530 x 630	420 x 535 x 520
Weight	140 kg	92kg (without power unit)
Options		
12 VDC/24 VDC	-	✓
1 VAC	✓	2.2 kW
Control IPC	✓	-

### Package dies



D Types of die	PB263-XX-D Length (mm)
6.8	50
9	50
10	50
12	50
14	60
16	60
17	60
19	60
20	60
22	60
24	75
26	75
28	75
30	75
31	75
32	75
34	75
36	75
38	75
39	75
40	75
44	75
47	75
50	75
54	75
57	75
62	75



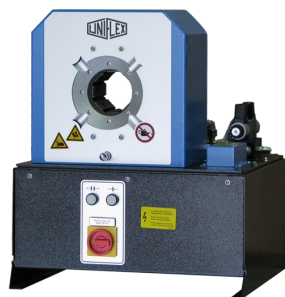
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# SC 3 ( S3 ) | SC 4 ( S4 )

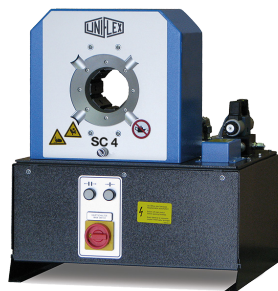
Due to their narrow and innovative construction, high level of user friendliness and long service life, the SC 3 and SC 4 set new standards for quality and cost effectiveness. Their compact construction allows for ergonomic working. The use of long master dies allows you to crimp 90° elbow fittings up to 1 1/4" for SC 3 and 1 1/2" for SC 4, with the tried and tested greaseless slide bearing technology, which reduces maintenance costs and increases the product quality.

Because the 4-cylinder technology keeps press waste away from the die, UNIFLEX offers a 3-year warranty for the SC 3 and SC 4 series.

## SC 3 Ecoline



## SC 4 Ecoline



## SC 4 C.2



Technical Data	SC 3 Ecoline	SC 4 Ecoline	SC 4 C.2
Crimp force (kN/Ton)	1,200/120	1,800/180	1,800/180
No grease: 20% less friction	✓	✓	✓
Control	Control A	Control A	Control C.2 + Touch
SAE R 12/4SP* 1 piece fitting	1 1/2"	2"	2"
SAE R 15/4SH* 2 piece fitting	1"	1 1/4"	1 1/4"
SAE R 12/4SP* 2 piece fitting	1 1/4"	2"	2"
Industrial	2"	2"	2"
90° Elbows	1 1/2"	1 1/2"	1 1/2"
Max. Crimp range (mm/inch)	75 / 2.76	75 / 2.76	75 / 2.76
Opening (mm/inch)	+35 / +1.38	+35 / +1.38	+35 / +1.38
Opening without dies (mm/inch)	105 / 4.13	105 / 4.13	105 / 4.13
Master dies length (mm/inch)	100 / 3.94	100 / 3.94	100 / 3.94
Speed (mm/sec)			
Close	4.0	2.7	2.7
Crimp	4.0	2.7	2.7
Open	6.5	4.7	4.7
Noise Level	69 dBA	69 dBA	69 dBA
Drive	3 kW 3 VAC	3 kW 3 VAC	3 kW 3 VAC
Oil	35 L	35 L	35 L
L X W X H (mm)	592 x 545 x 672	592 x 545 x 672	720 x 600 x 672
Weight	150 kg	160 kg	203 kg
Options			
12 VDC/24 VDC	✓	✓	-
1 VAC	✓	✓	✓
Control IPC	✓	-	✓

### Package dies

D Types of die	PB263-XX-D Length (mm)
6.8	65
9	65
10	65
12	65
14	65
16	65
17	65
19	65
20	65
22	65
24	65
26	65
28	80
30	80
31	80
32	80
34	80
36	80
38	80
39	80
40	80
44	80
47	100
50	100
54	100
57	100
62	100



SC =  
Press  
Tool With  
Cylinder



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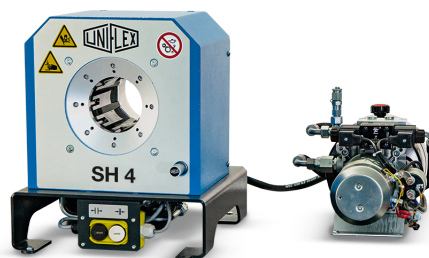
# SH 4 (S3L)

Due to its narrow and innovative construction, high level of user friendliness and long service life, the SH 4 sets new standards for quality and cost effectiveness. Its very compact design despite a high pressing force and a weight of only 110 kg allows ergonomic operation even on mobile jobs. The long base jaws enable pressing up to 1 1/2" 4 SP, the proven greaseless slide bearing technology reduces maintenance costs and increases production quality.

## SH 4 Ecoline




## SH 4 Mobileline



Technical Data	SH 4 Ecoline	SH 4 Mobileline
Crimp force (kN/Ton)	1,800 / 180	1,800
No grease: 20% less friction	✓	✓
Control	Control A	Control A
SAE R 12/4SP* 1 piece fitting	2"	2"
SAE R 15/4SH* 2 piece fitting	1 1/4"	1 1/4"
SAE R 12/4SP* 2 piece fitting	2"	2"
Industrial	2"	2"
90° Elbows	1 1/4"	1 1/4"
Max. Crimp range (mm/inch)	70 / 2.76	70 / 2.76
Opening (mm/inch)	+27 / +1.06	+27 / +1.06
Opening without dies (mm/inch)	97 / 3.82	97 / 3.82
Master dies length (mm/inch)	110 / 4.33	110 / 4.33
Types of dies	239-xx-Ø	239-xx-Ø
Speed (mm/sec)		
Close	2.0	0.7
Crimp	2.0	0.7
Open	7.6	3.0
Noise Level	69 dBA	69 dBA
Drive	3 kW 3 VAC	1.8 kW 1 VAC
Oil	35 L	4 L
L X W X H (mm)	600 x 550 x 630	430 x 370 x 440
Weight	150 kg	110 kg without power unit
Options		
12 VDC/24 VDC	-	✓
1 VAC	✓	✓
Control IPC	✓	-

### Package dies

 <b>293-XX-Ø-YY</b>	
D Types of die	PB263-XX-D Length (mm)
6.8	65
9	65
10	65
12	65
14	65
16	65
17	65
19	65
20	65
22	65
24	65
26	65
28	80
30	80
31	80
32	80
34	80
36	80
38	80
39	80
40	80
44	80
47	100
50	100
54	100
57	100
62	100



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# UG 32

## UG 32 Mobileline



## UG 32 Ecoline




## UG 32 S



Technical Data	UG 32 Mobileline	UG 32 Ecoline	UG 32 S
Crimp force (kN/Ton)	250	250	350
No grease: 20% less friction	✓	✓	✓
Control	Control A	Control A	Control A
SAE R 12/4SP* 1 piece fitting	2"	2"	2"
SAE R 15/4SH* 2 piece fitting	1 1/2"	1 1/2"	2"
SAE R 12/4SP* 2 piece fitting	2"	2"	2"
Industrial	3"	3"	3"
90° Elbows	2"	2"	2"
Max. Crimp range (mm/inch)	100 mm	100 mm	102 mm
Opening (mm/inch)	+ 41 mm	+ 41 mm	+ 40 mm
Opening without dies (mm/inch)	143 mm	143 mm	143 mm
Master dies length (mm/inch)	110 mm	110 mm	110 mm
Types of dies	239	239	239
Speed (mm/sec)			
Close	20/1.1	30/1.5	30/2.3
Crimp	0.3	1.5	1.1
Open	6.5/30	8.7/30	15.4/30
Noise Level	69 dBA	69 dBA	69 dBA
Drive	1.8 kW	3 kW	4 kW
Oil	4 L	35 L	50 L
L X W X H (mm)	505 x 430 x 490	600 x 550 x 750	700 x 550 x 710
Weight	145 kg	190 kg	260 kg
Options			
12 VDC/24 VDC	✓	-	-
1 VAC	✓	✓	✓
Control IPC	-	✓	✓

### Package dies

 <b>293</b>		
D Types of die	PB263-XX-D Length (mm)	
6.8	50	
9	50	
10	50	
12	65	
14	65	
16	65	
17	65	
19	65	
20	65	
22	65	
24	65	
26	65	
28	80	
30	80	
31	80	
32	80	
34	80	
36	80	
38	80	
39	80	
40	80	
44	100	
47	100	
50	100	
54	100	
57	100	
62	100	110
67		110
71		110
74		110
78		110
84		110
86		110
92		110



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# SH 7 ( S 7 )

Due to its narrow, innovative construction, high level of user friendliness, and long service life, the SH 7 sets the standard for quality and cost effectiveness. Balanced weight (2" / 77 kg) and compact engineered design make the SH 7 perfect for workshops and on-site service as well as a service or reserve press for quick use. The proven greaseless slide bearing technology with quick-change system reduces maintenance costs, extends service life and increases accuracy.

**SH 7**




**SH 7 S**




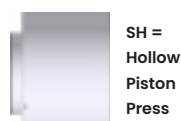
Technical Data	SH 7	SH 7 S
Crimp force (kN/Ton)	2,400/240	3,200/320
No grease: 20% less friction	✓	✓
Control	Control A	Control A
SAE R 15/4SH* 1 piece fitting	2"	2"
4SH* 2 piece fitting	2"	2"
SAE R15* 2 piece fitting	1 1/2"	1 1/2"
Max. Crimp range (mm/inch)	82 / 3.23	82 / 3.23
Opening (mm/inch)	+24 / +0.94	+24 / +0.94
Opening without dies (mm/inch)	110 / 4.33	110 / 4.33
Master dies length (mm/inch)	90 / 3.54	90 / 3.54
Speed (mm/sec)		
Close	Manual	Manual
Crimp	0.42	0.42
Open	Manual	Manual
Noise Level	70 dBA	70 dBA
Drive	0.75 kW 3 VAC	0.75 kW 3 VAC
Oil	2.3 L	2.3 L
L X W X H (mm)	430 x 367 x 682	430 x 367 x 682
Weight	77 kg	77 kg
Options		
12 VDC/24 VDC	✓	✓
1 VAC	✓	✓
Control IPC	-	-

Package dies

 <b>293-XX-0-YY</b>	
D Types of die	PB263-XX-D Length (mm)
6.8	65
9	65
10	65
12	65
14	65
16	65
17	65
19	65
20	65
22	65
24	65
26	65
28	80
30	80
31	80
32	80
34	80
36	80
38	80
39	80
40	80
44	80
47	100
50	100
54	100
57	100
62	100

Package dies

 <b>265</b>	
D Types of die	PB263-XX-D Length (mm)
54	100
57	100
62	100
67	100
71	100
74	100



**SH =  
Hollow  
Piston  
Press**



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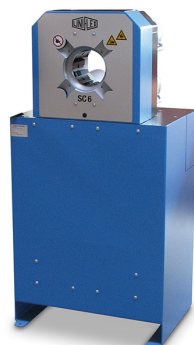
# SC 6 (S 6) | SC 6 S (S 6 S)

With its slim, innovative design, high user-friendliness, versatility and long service life, the SC 6 series with its 4-cylinder technology sets standards for quality and economy. Its very compact design, despite the large opening travel, allows ergonomic working. The long base jaws enable the SC 6 to crimp short 90° fittings up to 2" 4 SP, and the SC 6 S up to 2" R 15. The proven greaseless slide bearing technology reduces maintenance costs, extends service life and increases accuracy. Because the 4-cylinder technology keeps press waste away from the dies, UNIFLEX offers a 3-year warranty for the SC 6 and SC 6 S series.

**SC 6**

**SC 6 S**

**SC 6 Ecoline**



**SC 6 S Ecoline**



Technical Data	SC 6 Ecoline	SC 6	SC 6 S Ecoline	SC 6 S
Crimp force (kN/Ton)	2,000 / 200	2,000 / 200	2,800 / 280	2,800 / 280
No grease: 20% less friction	✓	✓	✓	✓
Control	Control A	Control A	Control A	Control A
SAE R 15*/4SH 1 piece fitting	2"	2"	2"	2"
4 SH* 2 piece fitting	2"	2"	2"	2"
SAE R 15* 2 piece fitting	1 1/2"	1 1/2"	2"	2"
Industrial	3"	3"	3"	3"
90° Elbows	2"	2"	2"	2"
Crimp range (mm/inch)	102 / 4.02	102 / 4.02	102 / 4.02	102 / 4.02
Opening (mm/inch)	+45 / +1.77	+45 / +1.77	+45 / +1.77	+45 / +1.77
Opening without dies (mm/inch)	147 / 5.78	147 / 5.78	147 / 5.78	147 / 5.78
Master dies length (mm/inch)	110 / 4.33	110 / 4.33	110 / 4.33	110 / 4.33
Types of dies	239 - xx/266	239 - xx/266	239 - xx/266	239 - xx/266
Speed (mm/sec)				
Close	4.9	9.7	3.0	6
Crimp	2.3	2.2	1.4	1.4
Open	8.2	16	5.3	13.3
Noise Level	69 dBA	67 dBA	69 dBA	67 dBA
Drive	4 kW 3 VAC	4 kW 3 VAC	4 kW 3 VAC	4 kW 3 VAC
Oil	50 L	70 L	50 L	70 L
L X W X H (mm)	700 x 600 x 735	745 x 600 x 1,360	700 x 600 x 735	745 x 600 x 1,360
Weight	275 kg	375 kg	315 kg	415 kg
Options				
12 VDC/24 VDC	✓	-	✓	-
1 VAC	✓	✓	✓	✓
Control IPC	✓	✓	✓	✓

Package dies

D Types of die	293-XX-0-YY	
	293-xx-Ø-YY (mm)	266 (mm)
6.8	65	
9	65	
10	65	
12	65	
14	65	
16	65	
17	65	
19	65	
20	65	
22	65	
24	65	
26	65	
28	80	
30	80	
31	80	
32	80	
34	80	
36	80	
38	80	
39	80	
40	80	
44	80	
47	100	
50	100	
54	100	
57	100	
62	100	110
67		110
71		110
74		110
78		110
84		110
86		110
92		110
94		110



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SC = Press Tool With Cylinder

# SH 6 (S 6 L)

Due to their narrow and innovative construction, high level of user friendliness and long service life, the SH 6 series set new standards for quality and cost effectiveness. Their large opening +43 mm (+ 1.69") and light weight of 172 kg make it the perfect machine for mobile applications up to 2" 4 SP and 3" return line.

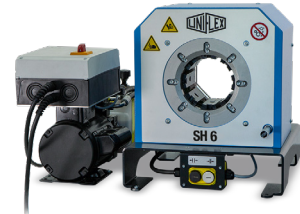
The use of long master dies allows you to crimp 90° elbow fittings up to 2" with the tried and tested greaseless slide bearing technology, which reduces maintenance costs and increases the product quality.

## SH 6 Ecoline

## SH 6 Mobileline


## SH 6 S Ecoline

## SH 6 S Mobileline



Technical Data	SH 6 Ecoline	SH 6 Mobileline	SH 6 S Ecoline	SH 6 S Mobileline
Crimp force (kN/Ton)	2,400 / 240	2,400 / 200	2,800 / 280	2,800 / 280
No grease: 20% less friction	✓	✓	✓	✓
Control	Control A	Control A	Control A	Control A
SAE R 15*/4SH 1 piece fitting	2"	2"	2"	2"
4 SH* 2 piece fitting	2"	2"	2"	2"
SAE R 15* 2 piece fitting	1 1/2"	1 1/2"	2"	2"
Industrial	3"	3"	3"	3"
90° Elbows	2"	2"	2"	2"
Crimp range (mm/inch)	102 / 4.02	102 / 4.02	102 / 4.02	102 / 4.02
Opening (mm/inch)	+43 / +1.69	+43 / +1.69	+43 / +1.69	+43 / +1.69
Opening without dies (mm/inch)	145 / 5.71	145 / 5.71	145 / 5.71	145 / 5.71
Master dies length (mm/inch)	110 / 4.33	110 / 4.33	110 / 4.33	110 / 4.33
Types of dies	239 - xx/266	239 - xx/266	239 - xx/266	239 - xx/266
Speed (mm/sec)				
Close	30 / 1.8	10 / 0.5	30 / 1.8	10 / 0.5
Crimp	1.8	0.5	1.8	0.5
Open	10.6 / 30	3 / 30	10.6 / 30	3 / 30
Noise Level	69 dBA	69 dBA	69 dBA	69 dBA
Drive	3 kW 3 VAC	1.8 kW 1 VAC	3 kW 3 VAC	1.8 kW 1 VAC
Oil	35 L	4 L	35 L	4 L
L X W X H (mm)	600 x 550 x 750	505 x 430 x 490	709 x 613 x 691	505 x 621 x 573
Weight	196 kg	172 kg	206 kg	182 kg
Options				
12 VDC/24 VDC	-	✓	-	✓
1 Phase	✓	✓	✓	✓
Control IPC	✓	-	✓	-

### Package dies

D Types of die	293-xx-Ø-YY (mm)	266 (mm)
	 <b>293-XX-0-YY</b>	
6.8	65	
9	65	
10	65	
12	65	
14	65	
16	65	
17	65	
19	65	
20	65	
22	65	
24	65	
26	65	
28	80	
30	80	
31	80	
32	80	
34	80	
36	80	
38	80	
39	80	
40	80	
44	80	
47	100	
50	100	
54	100	
57	100	
62	100	110
67		110
71		110
74		110
78		110
84		110
86		110
92		110
94		110



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SH =  
Hollow  
Piston  
Press

# SH 10 ( S 10 ECOLINE ) | SH 10 XL ( S 10 XL )

Due to their narrow and innovative construction, high level of user friendliness and long service life, the SH 10 and SH 10 XL set new standards for quality and cost effectiveness. Their large opening, + 45 mm (+ 1.77") for SH 10 and +61 mm (+ 2.40") for S 10 XL, fits industrial hoses with large flanges.

The use of long master dies allows you to crimp 90° elbow fittings up to 2" with the tried and tested greaseless slide bearing technology, which reduces maintenance costs and increases product quality.

**SH 10**

**SH 10 XL**

**SH 10 Ecoline**

**SH 10 XL Ecoline**



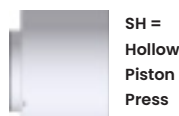
Technical Data	SH 10 Ecoline	SH 10	SH 10 XL Ecoline	SH 10 XL
Crimp force (kN/Ton)	2,800 / 280	2,800 / 280	2,800 / 280	2,800 / 280
No grease: 20% less friction	✓	✓	✓	✓
Control	Control A	Control A	Control A	Control A
SAE R 15*/4SH 1 piece fitting	2"	2"	2"	2"
4 SH* 2 piece fitting	2"	2"	2"	2"
SAE R 15* 2 piece fitting	2"	2"	2"	2"
Industrial	4"	4"	4"	4"
90° Elbows	2"	2"	2"	2"
Crimp range (mm/inch)	145 / 5.70	145 / 5.70	145 / 5.70	145 / 5.70
Opening (mm/inch)	+45 / +1.77	+45 / +1.77	+61 / +2.40	+61 / +2.40
Opening without dies (mm/inch)	190 / 7.48	190 / 7.48	200 / 7.87	200 / 7.87
Master dies length (mm/inch)	126 / 4.96	126 / 4.96	126 / 4.96	126 / 4.96
Types of dies	239 - xx/237 L	239 - xx/237 L	239 - xx Ø/237 L	239 - xx Ø/237 L
Speed (mm/sec)				
Close	4.8	6.1	30 / 6.0	30 / 6.0
Crimp	2.3	1.7	1.4	1.4
Open	7.9	10.3	30 / 17	30 / 17
Noise Level	70 dBA	67 dBA	67 dBA	70 dBA
Drive	4 kW 3 VAC	5.5 kW 3 VAC	4 kW 3 VAC	5.5 kW 3 VAC
Oil	70 L	70 L	70 L	70 L
L X W X H (mm)	700 x 600 x 845	690 x 600 x 1,400	700 x 600 x 845	690 x 600 x 1,400
Weight	372 kg	390 kg	390 kg	430 kg

Package dies

Package dies

D Types of die	293-XX-Ø-YY (mm)
6.8	65
9	65
10	65
12	65
14	65
16	65
17	65
19	65
20	65
22	65
24	65
26	65
28	80
30	80
31	80
32	80
34	80
36	80
38	80
39	80
40	80
44	80
47	100
50	100
54	100
57	100
62	100

D Types of die	237 L
54	118
57	118
62	118
67	118
71	118
74	118
78	118
84	118
86	118
90	118
96	118
103	118
106	126
111	126
116	126
121	126
126	126
131	126
135	126
137	126



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# SC 12 I

With a 370-ton crimping force, the new SC 12 i is the most powerful workshop crimper for R15 industrial hoses up to 3" and high pressure hoses up to 1". With its large opening and a maximum crimping range of up to 139 mm (5.47"), the SC 12 i also crimps 4" Camlock industrial fittings and even 90° fittings with ease.

The compact design allows direct access from all sides, which is particularly important when crimping short workpieces. Three versions of the SC 12 i are available, with a micrometer, Control C.2 or IPC.

## SC 12 i A



## SC 12 i C.2



Technical Data	SC 12 i A	SC 12 i C.2
Crimp force (kN/Ton)	3,700 / 370	3,700 / 370
No grease: 20% less friction	✓	✓
Control	Control A	Control A
SAE R 15*/4SH 1 piece fitting	3"	3"
4 SH* 2 piece fitting	3"	3"
SAE R 15* 2 piece fitting	3"	3"
Industrial	4"	4"
90° Elbows	2"	2"
Crimp range (mm/inch)	145 / 5.71	145 / 5.71
Opening (mm/inch)	+61 / +2.40	+61 / +2.40
Opening without dies (mm/inch)	206 / 8.11	206 / 8.11
Master dies length (mm/inch)	126 / 4.96	126 / 4.96
Types of dies	239 / 237L	239 / 237L
Speed (mm/sec)		
Close	30 / 4.9	30 / 4.9
Crimp	1.4	1.4
Open	30.6 / 8.6	30.6 / 8.6
Noise Level	70 dBA	70 dBA
Drive	5.5 kW 3 VAC	5.5 kW 3 VAC
Oil	85 L	85 L
L X W X H (mm)	690 x 750 x 1,470	690 x 750 x 1,470
Weight	553 kg	555 kg
Options		
12 VDC/24 VDC	✓	-
1 Phase	✓	-
Control IPC	✓	✓

### Package dies

D Types of die	293-XX-Ø-YY (mm)
6.8	65
9	65
10	65
12	65
14	65
16	65
17	65
19	65
20	65
22	65
24	65
26	65
28	80
30	80
31	80
32	80
34	80
36	80
38	80
39	80
40	80
44	80
47	100
50	100
54	100
57	100
62	100

### Package dies

D Types of die	237 L
54	118
57	118
62	118
67	118
71	118
74	118
78	118
84	118
86	118
90	118
96	118
103	118
106	126
111	126
116	126
121	126
126	126
131	126
135	126
137	126



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# Production Crimpers



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# HM 3 H


Due to its narrow and innovative construction, high level of user friendliness, and long service life, the HM 3 H sets new standards for quality and cost effectiveness. With its compact construction, it allows easy, uncomplicated, and “rapid” crimping. The intuitive UNIFLEX Software on the convenient Control C.2 Touch completes the HM 3 H and ensures product quality.

## HM 3 H



Technical Data	HM 3 H
Crimp force (kN/Ton)	750 / 75
No grease: 20% less friction	✓
Control	Control C.2 Touch
SAE R 15*/4SH 1 piece fitting	1"
4 SH* 2 piece fitting	3/4"
SAE R 15* 2 piece fitting	3/4"
Industrial	2"
90° Elbows	1 1/2"
Crimp range (mm/inch)	70 mm / 2.75"
Opening (mm/inch)	+35 / +1.38"
Opening without dies (mm/inch)	105 / 4.13"
Master dies length (mm/inch)	100 / 3.94"
Types of dies	239 - xx/266
Speed (mm/sec)	
Close	8.3
Crimp	8.3
Open	13.8
Noise Level	53 dBA
Drive	5.5 kW 3 VAC
Oil	50 L
L X W X H (mm)	720 x 660 x 672
Weight	193 kg
Options	
Control IPC	✓

### Package dies

 <b>293-XX-Ø-YY</b>	
D Types of die	293-xx-Ø-yy (mm)
6.8	65
9	65
10	65
12	65
14	65
16	65
17	65
19	65
20	65
22	65
24	65
26	65
28	80
30	80
31	80
32	80
34	80
36	80
38	80
39	80
40	80
44	80
47	100
50	100
54	100
57	100
62	100



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# HM 222 | HM 225

Due to their narrow and innovative construction, high level of user friendliness and long service life, the SH 10 and SH 10 XL set new standards for quality and cost effectiveness. Their large opening, + 45 mm (+ 1.77") for SH 10 and +61 mm (+ 2.40") for S 10 XL, fits industrial hoses with large flanges.

The use of long master dies allows you to crimp 90° elbow fittings up to 2" with the tried and tested greaseless slide bearing technology, which reduces maintenance costs and increases the product quality.

**HM 222**




**HM 225**




Technical Data	HM 222	HM 225
Crimp force (kN/Ton)	1,350 / 135	1,600 / 160
No grease: 20% less friction	✓	✓
Control	Control C.2 Touch	Control C.2 Touch
SAE R 15*/4SH 1 piece fitting	1 1/4"	1 1/4"
4 SH* 2 piece fitting	1"	1 1/4"
SAE R 15* 2 piece fitting	1"	1 1/4"
Industrial	2"	2"
90° Elbows	1 1/2"	1 1/2"
Crimp range (mm/inch)	70 mm / 2.75"	70 mm / 2.75"
Opening (mm/inch)	+35 / +1.38"	+40 / +1.57"
Opening without dies (mm/inch)	105 / 4.13"	110 / 4.33"
Master dies length (mm/inch)	75 / 2.95"	90 / 3.54"
Types of dies	239	239-xx-0-yy
Speed (mm/sec)		
Close	10	19
Crimp	5/10	1.5/3
Open	10	19
Noise Level	53 dBA	53 dBA
Drive	5.5 kW 3 VAC	4 kW 3 VAC
Oil	80 L	80 L
L X W X H (mm)	645 x 560 x 1,450	645 x 560 x 1,470
Weight	310 kg	470 kg
Options		
Control IPC	✓	✓

**Package dies**

 <b>293</b>	
D Types of die	239
6.8	50
9	50
10	50
12	50
14	60
16	60
17	60
19	60
20	60
22	60
24	60
26	75
28	75
30	75
31	75
32	75
34	75
36	75
38	75
39	75
40	75
44	75
47	75
50	75
54	75
57	75
62	75

**Package dies**

 <b>293-XX-0-YY</b>	
D Types of die	293-xx-0-yy (mm)
6.8	65
9	65
10	65
12	65
14	65
16	65
17	65
19	65
20	65
22	65
24	65
26	65
28	80
30	80
31	80
32	80
34	80
36	80
38	80
39	80
40	80
44	80
47	100
50	100
54	100
57	100
62	100



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# HM 375 | HM 380 | HM 400

As reliable classic machines, the HM 3xx/HM 400 series unites all the outstanding properties of a production crimper. They are compact, powerful and make ergonomic working possible. Combining a convincingly solid construction with a high level of user friendliness, and a long service life, the HM 3xx/HM 400 series sets a new standard for quality and cost effectiveness.

HM 375 | HM 380 H



HM 400



Technical Data	HM 375	HM 380 H	HM 400
Crimp force (kN/Ton)	3,150 / 315	3,400 / 340	3,750 / 375
No grease: 20% less friction	✓	✓	✓
Control	Control C.2	Control C.2	Control C.2
SAE R 15*/4SH 1 piece fitting	3"	3"	3"
SAE R 15*/4SH 2 piece fitting	2 1/2"	3"	3"
Industrial	4"	4"	6"
90° Elbows	3"	3"	3"
Crimp range (mm/inch)	165 / 6.50	165 / 6.50	190 / 7.48
Opening (mm/inch)	+70 / +0.28	+70 / +0.28	+130 / +5.12
Opening without dies (mm/inch)	215 / 8.46	215 / 8.46	300 / 11.8
Master dies length (mm/inch)	126 / 4.96	126 / 4.96	150 / 5.91
Types of dies	237 L / 239-xx	237 L / 239-xx	554 / 239-xx
Speed (mm/sec)			
Close	23	29	18
Crimp	1.4	1.9	1.4
Open	33	44	20
Noise Level	62 dBA	62 dBA	62 dBA
Drive	4 kW 3 VAC	5.5 kW 3 VAC	5.5 kW 3 VAC
Oil	100 L	100 L	260 L
L X W X H (mm)	1,200 x 600 x 1,700	1,200 x 600 x 1,700	1,500 x 630 x 1,800
Weight	750 kg	750 kg	1,400 kg
CGS (Conicity Guard System)	✓	✓	-
HIDS (High Pressure Pump Dynamic Suction)	✓	✓	✓
Options			
Control IPC	✓	✓	✓

Package dies

293-XX -Ø-YY	
D Types of die (mm)	293-xx-Ø-YY (mm)
6.8	65
9	65
10	65
12	65
14	65
16	65
17	65
19	65
20	65
22	65
24	65
26	65
28	80
30	80
31	80
32	80
34	80
36	80
38	80
39	80
40	80
44	80
47	100
50	100
54	100
57	100
62	100

Package dies

237L	
D Types of die (mm)	237 L (mm)
54	118
57	118
62	118
67	118
71	118
74	118
78	118
84	118
86	118
90	118
96	118
96	118
103	118
106	118
106	126
111	126
116	126
121	126
121	126
126	126
131	126
135	126
137	126

Package dies

554	
D Types of die (mm)	554 (mm)
54	120
62	120
67	120
71	120
74	120
78	120
84	120
86	120
90	120
96	120
103	120
106	150
111	150
116	150
121	150
126	150
131	150
136	150
146	150
156	150



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# HM 450 | HM 480 | HM 495

Due to their compact, all-round accessible construction, high level of user friendliness, and long service life, the HM 450, HM 480 and HM 495 set the standard for quality and cost effectiveness. The crimpers' particularly large opening stroke and the use of long master dies allow you to crimp all types of fittings and up to 12" industrial hoses.

## HM 450

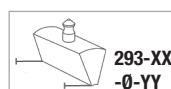


## HM 480 | HM 495



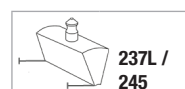
Technical Data	HM 450	HM 480	HM 495
Crimp force (kN/Ton)	4,000 / 400	4,800 / 480	6,000 / 600
No grease: 20% less friction	✓	✓	✓
Control	Control C.2	Control C.2	Control C.2
SAE R 15*/4SH 1 piece fitting	3"	3"	3"
SAE R 15*/4SH 2 piece fitting	3"	3"	3"
Industrial	6 (12") **	8 (12") **	8 (12") **
90° Elbows	3"	3"	3"
Crimp range (mm/inch)	310 / 12.20	310 / 12.20	310 / 12.20
Opening (mm/inch)	+130 / +5.12	+150 / +5.91	+150 / +5.91
Opening without dies (mm/inch)	360 / 14.17	380 / 14.96	380 / 14.96
Master dies length (mm/inch)	150 / 5.91	150 / 5.91	150 / 5.91
Types of dies	245 / 237L / 239-xx-Ø-YY	245 / 237L / 239-xx-Ø-YY	245 / 237L / 239-xx-Ø-YY
Speed (mm/sec)			
Close	18	18	18
Crimp	1.4	1.3	1
Open	20	20	20
Noise Level	62 dBA	62 dBA	62 dBA
Drive	5.5 kW 3 VAC	5.5 kW 3 VAC	5.5 kW 3 VAC
Oil	300 L	300 L	300 L
L X W X H (mm)	1,590 x 730 x 1,972	1,590 x 730 x 2,015	1,590 x 730 x 2,076
Weight	1,900 kg	2,400 kg	2,600 kg
HiDS (High Pressure Pump Dynamic Suction)	✓	✓	✓
Options			
Control IPC	✓	✓	✓

### Package dies



D Types of die (mm)	293-xx-Ø-YY (mm)
6.8	65
9	65
10	65
12	65
14	65
16	65
17	65
19	65
20	65
22	65
24	65
26	65
28	80
30	80
31	80
32	80
34	80
36	80
38	80
39	80
40	80
44	80
47	100
50	100
54	100
57	100
62	100

### Package dies



D Types of die (mm)	237 L / 245 (mm)
54	118
57	118
62	118
67	118
71	118
78	118
84	118
86	118
90	118
96	118
103	118/130
106	126/130
111	126/130
116	126/130
121	126/130
126	126/130
131	126/130
135	126
136	130
137	126
146	150
156	150
170	150
185	150
200	150
230*	230
265*	220
275*	220
305*	254



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# HM 660 | HM 665 | HM 1200

With their distinctive construction and high crimping force of up to 12000 kN, the HM 660, HM 665 and HM 1200 are some of UNIFLEX's powerhouses. They set the standard for quality and cost effectiveness. Using one of these models, you can easily crimp up to 12" industrial hoses (according to the fitting).

## HM 660 | HM 1200



## HM 665



Technical Data	HM 660	HM 665	HM 1200
Crimp force (kN/Ton)	8,000 / 800	6,000 / 600	12,000 / 1,200
No grease: 20% less friction	✓	✓	✓
Control	Control C.2	Control C.2	Control C.2
SAE R 15*/4SH 1 piece fitting	3"	3"	3"
SAE R 15*/4SH 2 piece fitting	3"	3"	3"
Industrial	10"	12"/16**	10"
90° Elbows	3"	3"	3"
Crimp range (mm/inch)	325 / 12.80	450 / 17.72	325 / 12.80
Opening (mm/inch)	+120 / +4.72	+180 / +7.09	+120 / +4.72
Opening without dies (mm/inch)	395 / 15.55	580 / 22.83	395 / 15.55
Master dies length (mm/inch)	200 / 7.88	250 / 9.84	200 / 7.99
Types of dies	246 / 237L / 239-xx-Ø-YY	298 / 247 / 245 / 237L / 239-xx-Ø-YY	246 / 237L / 239-xx-Ø-YY
Speed (mm/sec)			
Close	1.5	17	11
Crimp	2	0.9	1.5
Open	15	25	11
Noise Level	69 dBA	69 dBA	69 dBA
Drive	18.5 kW 3 VAC	18.5 kW 3 VAC	18.5 kW 3 VAC
Oil	300 L	400 L	300 L
L X W X H (mm) Machine	1,400 x 1,050 x 2,470	1,800 x 970 x 2,400	1,400 x 1,130 x 2,660
L X W X H (mm) Power Unit	700 x 1,160 x 1,360	Integrated	1,100 x 1,300 x 1,500
Weight	4,200 kg + 450 kg	5,200 kg	4,480 kg + 450
HiDS (High Pressure Pump Dynamic Suction)	✓	✓	✓
Options			
Control IPC	✓	✓	✓

### Package dies

293-XX-Ø-YY	
D Types of die (mm)	293-xx-Ø-YY (mm)
6.8	65
9	65
10	65
12	65
14	65
16	65
17	65
19	65
20	65
22	65
24	65
26	65
28	80
30	80
31	80
32	80
34	80
36	80
38	80
39	80
40	80
44	80
47	100
50	100
54	100
57	100
62	100

298	
D Types of die (mm)	298 (mm)
200	250
220	250
240	250
260	250
280	250
300	250
320	250
340	250
360	250
380	250

### Package dies

246	
D Types of die (mm)	237 L / 246 (mm)
54	118
57	118
62	118
67	118
71	118
78	118
84	118
86	118
90	118
96	118
103	118
106	126
111	126
116	126
121	126
126	126
131	126
135	126
136	150
137	126
146	150
156	150
170	170
185	200
200	200
215	200
230	200
245	200
260	200

### Package dies

246	
D Types of die (mm)	246 (mm)
121	150
136	130
146	150
156	150
170	170
185	200
200	200
215	200
230	200
245	200

245	
D Types of die (mm)	245 (mm)
103	130
106	130
111	130
116	130
121	130
126	130
131	130
136	130
146	150
156	150
170	150
185	150
200	150



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