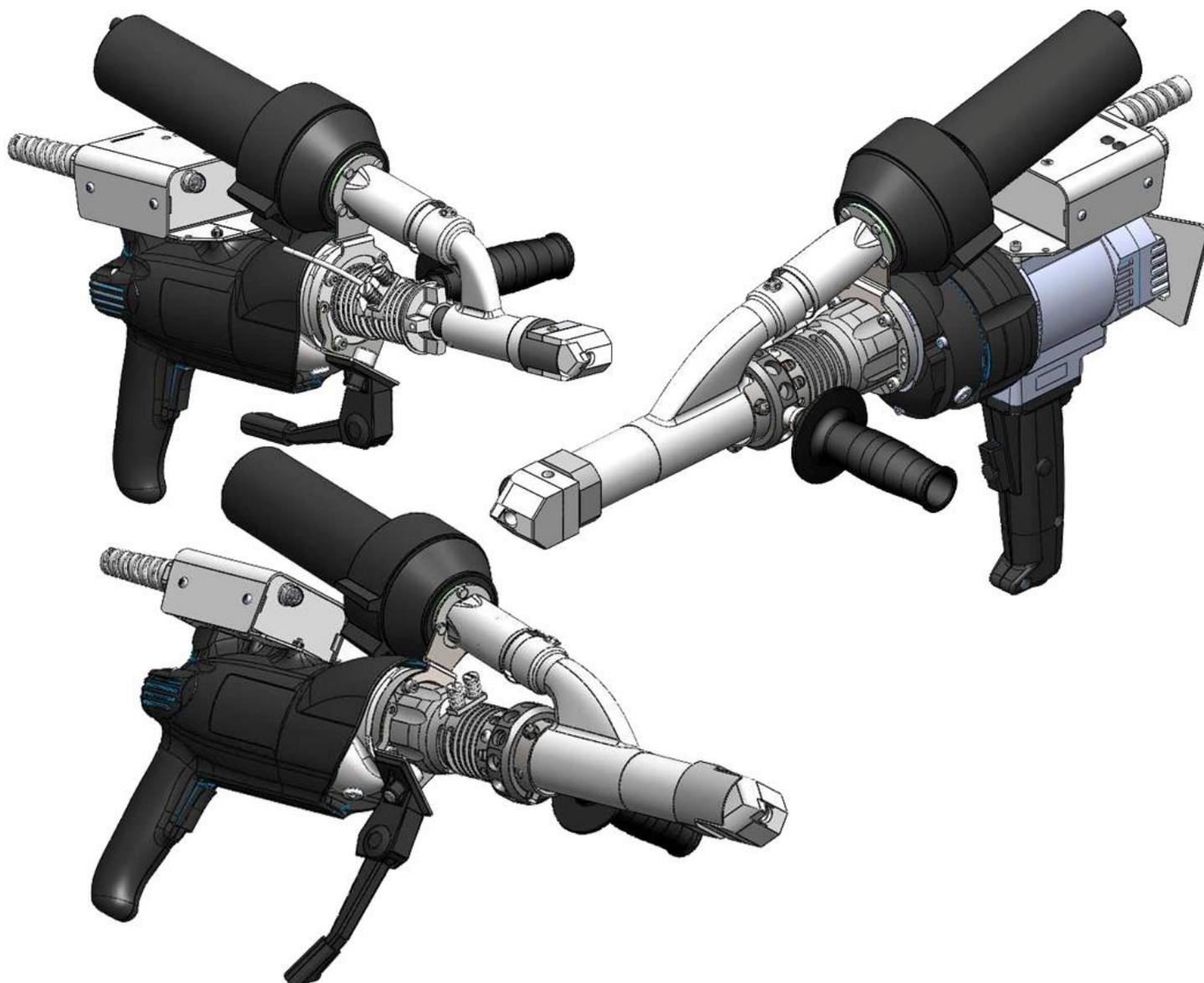


# M-2-ECO, M-3-ECO, M-5-ECO

. K06808

. K06810

. K06812



**MUNSCH Kunststoff-Schweißtechnik GmbH**  
Im Staudchen • D-56235 Ransbach-Baumbach, Germany  
Phone: +49 (0) 26 23 -8 98-0  
Fax: +49 (0) 26 23 -8 98-21  
Internet: <http://www.munsch.de>

1	.....	4
1.1	.....	4
1.2	.....	4
1.3	.....	5
1.4	.....	5
2	.....	5
2.1	.....	5
2.2	.....	6
2.2.1	.....	6
2.2.2	.....	6
3	.....	7
3.1	.....	7
3.2	.....	9
3.3	.....	9
3.4	.....	9
4	.....	10
4.1	.....	10
4.2	.....	10
4.3	.....	11
4.3.1	.....	11
4.3.2	.....	11
4.3.3	.....	11
4.3.4	.....	11
5	.....	12
6	.....	12
7	.....	13

**Konformitätserklärung des Herstellers**  
im Sinne der EG-Maschinenrichtlinie 98/37/EG Anhang II B,



EU machinery directive 98/37/EEC, Annex II B

MUNSCH Kunststoff-Schweißtechnik GmbH  
Im Staudchen  
D-56235 Ransbach-Baumbach

Produktbezeichnung: M-2-ECO, M-3-ECO, M-5-ECO

EC Machinery Directive.

- ✓ DIN EN ISO 12100: 2010
- ✓ DIN EN 13732-1: 2008

EC-

- |  |                              |
|--|------------------------------|
| ✓ EU Low-Voltage Directive 73/23/EC    | ✓ EU EMC Directive 89/336/EC |
| ✓ EN 60204-1 (VDE 0113 Part 1 : 2011)  | ✓ DIN EN 55014-1: 2012       |
| ✓ EN 61029-1 (VDE 0740 Part 500: 20 10 | ✓ DIN EN 55014-2: 2009       |
| ✓ VDE 0701 Part 1: 2008                |                              |
| ✓ RoHs 2011/65/EU                      |                              |

Ransbach-Baumbach, 22.09.2015

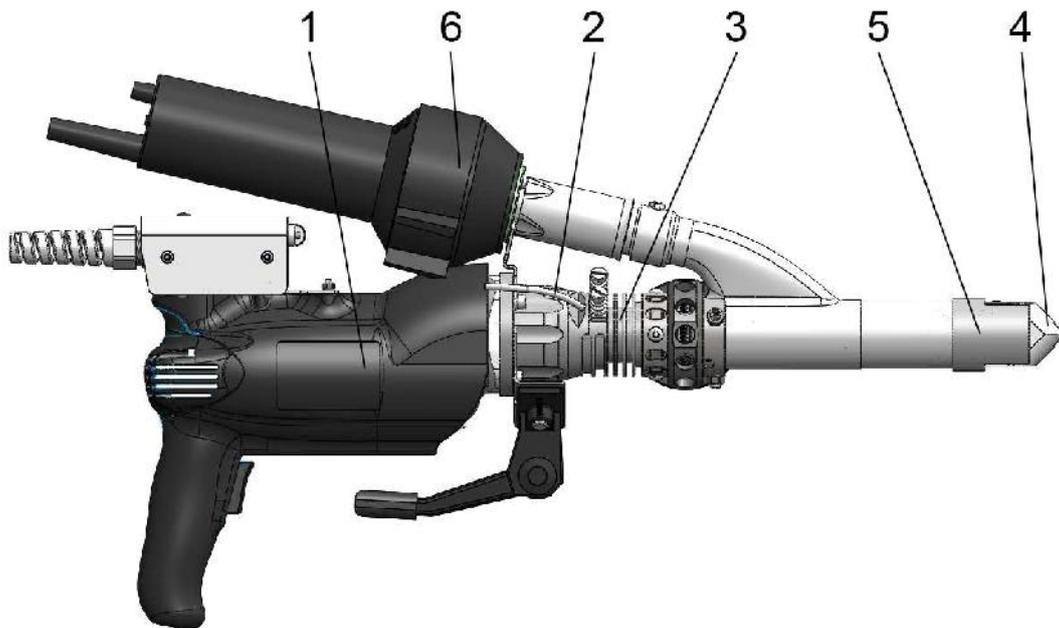
*Stefan Munsch*  
Dipl.-Ing. Stefan Munsch,

1

1.1

M-2-ECO, M-3-ECO, M-5-ECO

1.2



1.

2.

M-2-ECO, M-3-ECO, M-5-ECO  
Ø4 Ø5

Ø3 Ø4

M-5-ECO

3.

4.

-4,

5.

M-2-ECO, M-3-ECO, M-5-ECO  
360°

6.

1.3

50 -70° )

- M-2-ECO M-3-ECO Ø3 Ø4
- M-5-ECO Ø4 Ø5
- M-5-ECO

1.4

	M-2-ECO	M-3-ECO	M-5-ECO
	Ø3	Ø4	Ø4 Ø5
	Ø3 - 1,1 Ø4 - 1,8	Ø3 - 1,8 Ø4 - 3,2	Ø4 - 3,0 Ø5 - 4,6
	4-15 1	8-30 1	15-40 1
	220-230 ± 5%, 50-60		
	1000	1000	1800
		1500	50-100%
	4,8	7,5	9,8

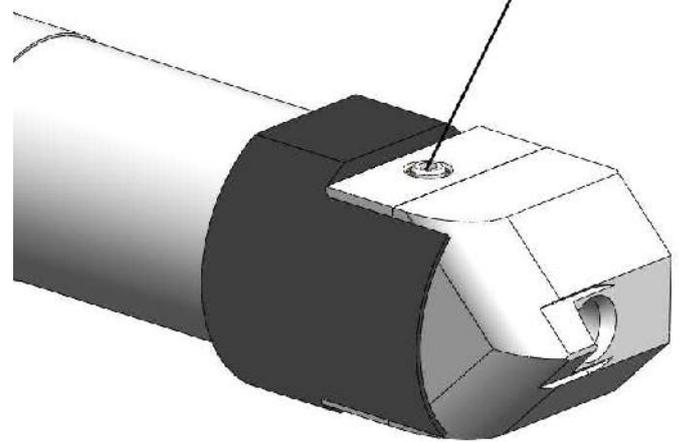
2

2.1



25

DVS 2207



4.

25,

360°.

(25.

## 2.2



M-2-ECO, M-3-ECO, M-5-ECO

±5%.

220-230 , 50-60



### 2.2.1

- 19
- 20-50

M-2-ECO M-3-ECO  
2,5<sup>2</sup>.  
4,0<sup>2</sup>.

- 19
- 20-50

M-5-ECO :  
4,0<sup>2</sup>.  
6,0<sup>2</sup>.

### 2.2.2

•

•

•

•

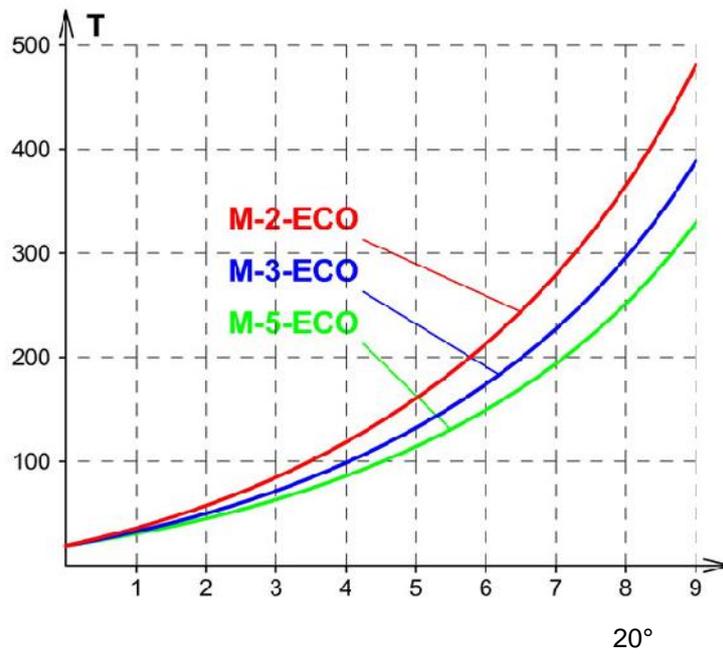
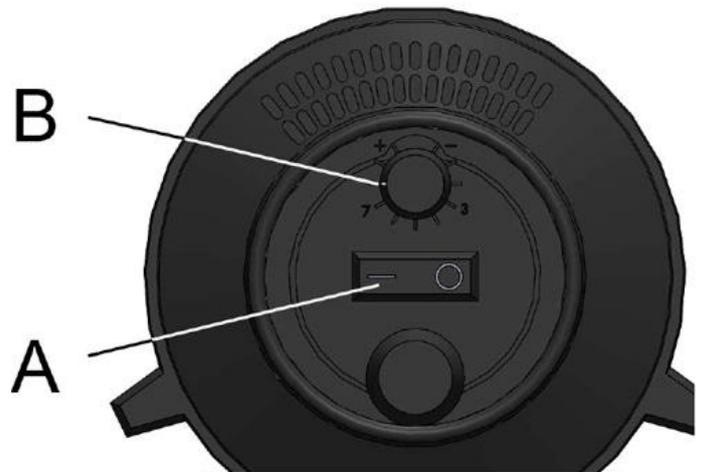
•

3

3.1



I



	200-240°	250-300°
	200-240°	250-300°
	240-260°	280-350°

10-15



-4

260 °



360°



3.2

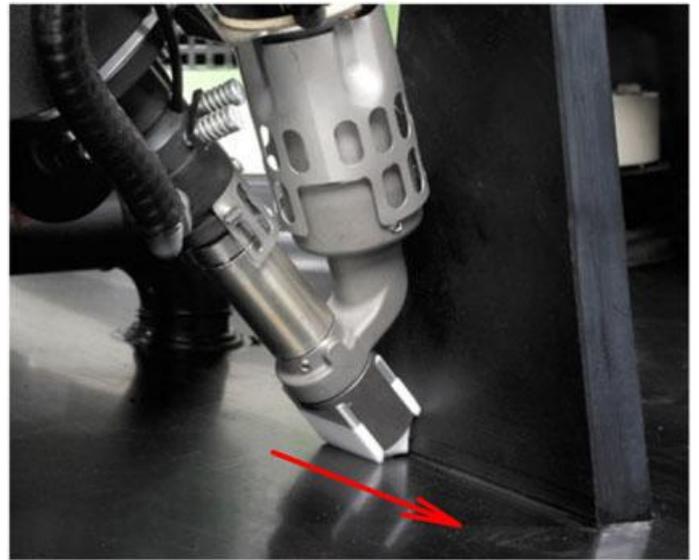
( 20



10

5-

« »



3.3

15 -20

.3.4,

5

3.4

4

4.1

M-2-ECO, M-3-ECO, M-5-ECO

15 ° )

██████████ !

« » 5-10

15

4.3.1.

██████████ !

██████████ :

MUNSCH

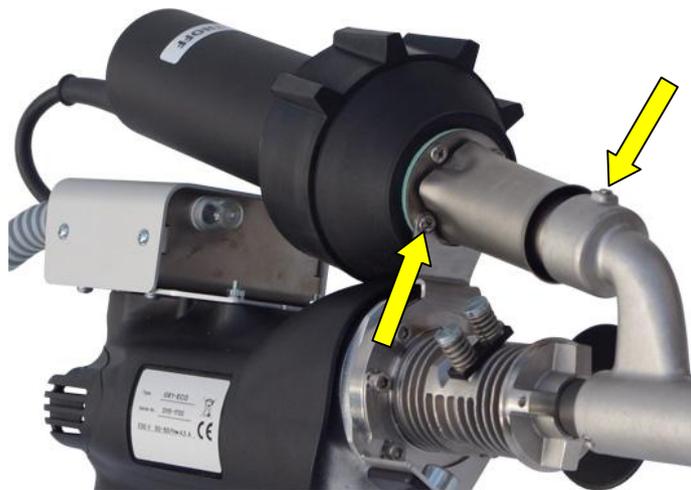
4.2

M-2-ECO, M-3-ECO, M-5-ECO

TUBE-Q

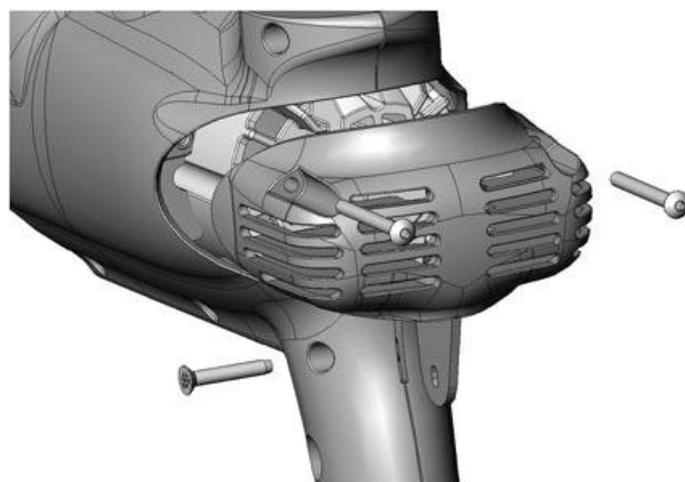
Forsthoff.

1500



4.3

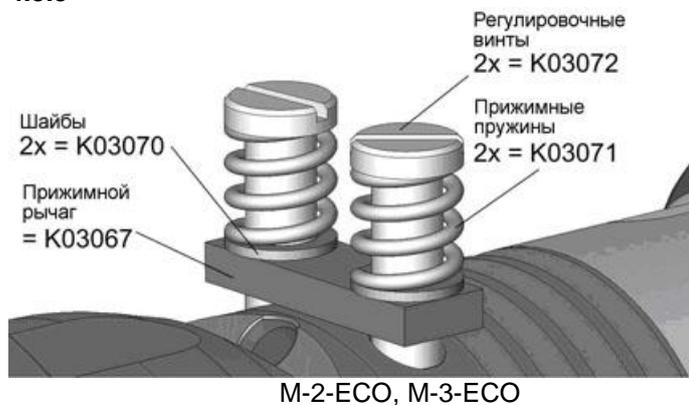
4.3.1



4.3.2

	M-2-ECO:	M-3-ECO, M-5-ECO:
—	K02669	K03701
—	K04361	K03702
—	K04362	K03703
—	K02965	K03704
—	K02698	K04080

4.3.3

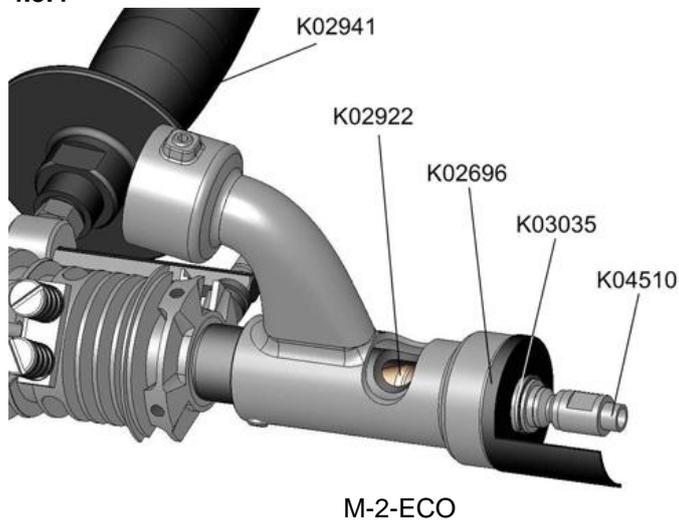


M-2-ECO, M-3-ECO

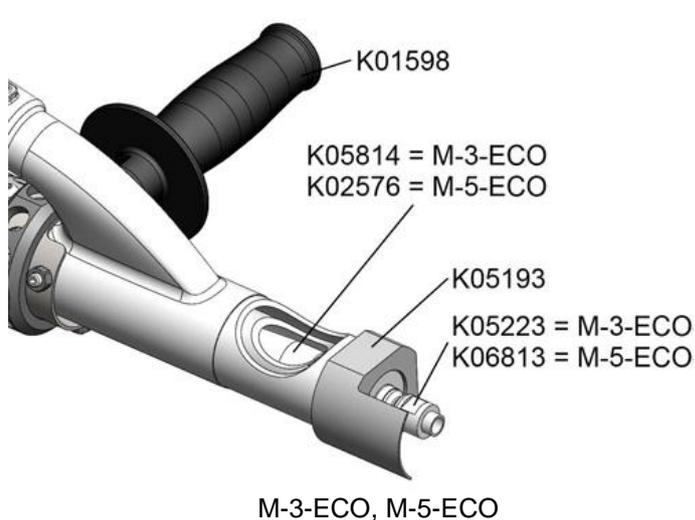


M-5-ECO

4.3.4



M-2-ECO



M-3-ECO, M-5-ECO

5

MUNSCH.

	5, 9, 11, 14, 15, 16, 17, 18, 23
	5, 9, 14, 15, 16, 17, 18, 23
	1, 16, 17, 20
	1, 16
	1, 14, 16
	13
	5, 22
	3, 5, 18, 22
	3, 22
	3, 18
	3, 13

1		
3		1
5		
9		
11		
13		1
14	-	
15		- ;
16		; !
17		1
18		1
20		« » « / »
22		1
23		

1) MUNSCH

6

350°

( ... ).

2

- ;
- ;
- ;
- ;

7

1.		4.	
2.	12	5.	
3.		5.1.	.3.1.,
3.1.		5.2.	
		5.3.	
		5.4.	
		5.5.	
3.2.		5.6.	
		5.7.	
		6.	
3.3.		7.	
3.4.			.1.

MUNSCH  
MUNSCH.

6