



EM 1

EM 1 S

EM 3

EM 3 Ecoline

EM 3 DC

Technical data	EM 1	EM 1 S	EM 3	EM 3 Ecoline	EM 3 DC
Production SAE R 13 & SAE R 15	–	–	¾"	–	–
Workshop SAE R 13 & SAE R 15*	–	1"	1¼"	1"	1¼"
SAE R 12	⅝"	1¼"	1¼"	1¼"	1¼"
Industrial	1¼"	1¼"	2"	1¼"	2"
Max. outside	Ø 45 mm	Ø 52 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 30 mm	Ø 80 mm	Ø 40 mm	Ø 40 mm
Drive	1,2 kW 1 VAC	1,2 kW 1 VAC	3 kW 3 VAC	1,8 kW 1 VAC	12 V/24 V 2,0/3,2 kW
Cutting blade	TM 160x2,5x20	TM C 160x2,5x20	TM 275x3x30	TM G 200x1,6x25,4	TM 250x2x40Z
L x W x H (mm)	360 x 340 x 310	360 x 340 x 310	540 x 440 x 300	400 x 510 x 540	550 x 365 x 410
Weight	8 kg	8 kg	50 kg	20 kg	29 kg
Accessories					
TU Table	✓	✓	✓	✓	✓
Suction device**	–	–	✓	✓	✓
UVC 36 Adapter (230 Volt)	777.150	777.153	777.056	777.153	777.153
UVC 100 Adapter	–	–	330.082.3	330.083.3	330.083.3
Hose measuring tool	–	–	✓	–	–
Foot for UMS 4 (840 mm height)	–	–	✓	–	–
Hose guide 2000 mm (UHG 14)	–	–	✓	–	–

\* 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 = coated

## 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.

