

M-Type

SERT Electric Stopper Valve



# High precision electric stopper valve

The M-Type electric stopper valve improves the level stability in the mould by combining “all-in-one” the smoothness of ball bearing guiding and the performance of electric actuator



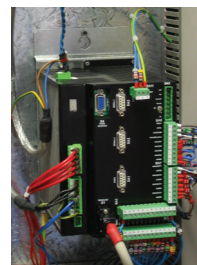
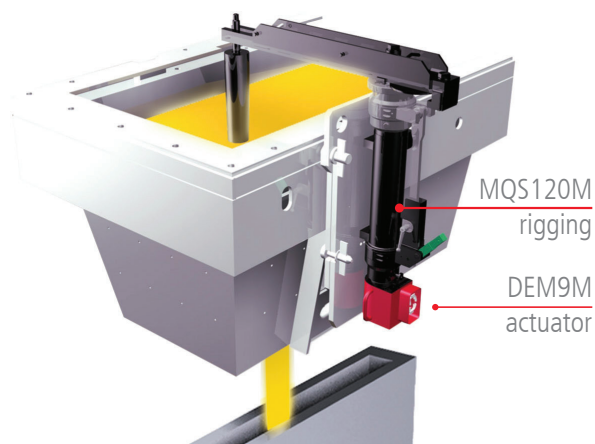
## M-Type valve features

- Ultra fast response time for better mould level stability
- Ball bearing guiding for precise and smooth flow control
- Performance consistency all year long
- Self-closure and manual operation possible when powered off
- Embedded, high resolution and non contact position feedback sensor
- Play free coupling between actuator and rigging
- Fully sealed design to protect active parts from dust
- Improved safety: no oil burning risk
- Easy installation and operation
- Splitting of electric and mechanic functions for easy maintenance

Common to all models	
Stroke (mm)	120
Peak effort (kgf)	700
Speed (mm/s)	up to 150
100% electric valve solution	

Depending on model	A max (mm)	B max (mm)	Weight (kg)*
MQS120M	950	815	122
MQS120ML	1200	1055	180
MQS120MXL	1500	1335	263

\* Without backplate and horizontal stopper arm



M-Type must be used with ACV drives



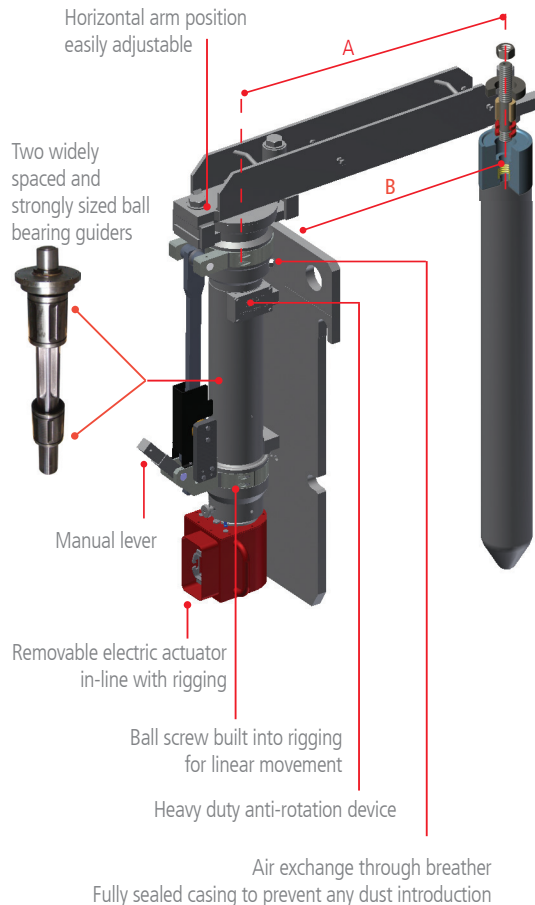
DEM9M secured on parking stand between sequences



Easy handling of DEM9M actuator (only 13 kg)

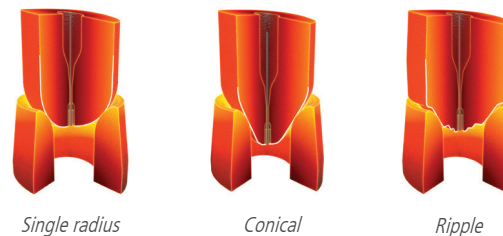
# Options for improved operation and maintenance

## Stopper attachment system



	PIN-ROD	UNIROD	ARGOROD
Cold Tundish	✓	✓	
Hot Tundish		✓	✓
Billet & Bloom		✓	
Slab & Thin-Slab	✓	✓	✓
Clogging sensitive grades			✓

## Stopper Nose geometry



## Traceability with RFID tags

- Easy traceability of working hours, events, alarms, previous maintenance on each unit
- Easy preventive maintenance organization



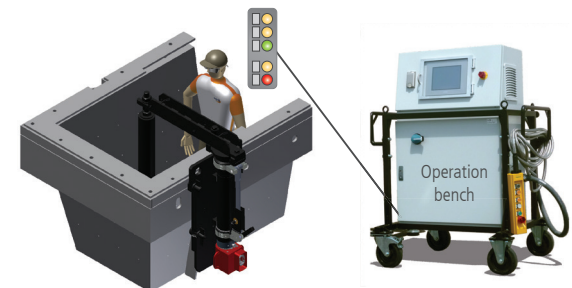
## Test bench for maintenance shop

- Facilitates diagnosis and maintenance by user's maintenance team
- Guarantees to send back to operation a valid valve system
- RFID creates maintenance records for each unit



## Wireless remote drive for easier stopper mounting and valve checking

- Easier and safer mounting of the stopper with radio pendant
- Test of the valve before the tundish goes to the tundish-car





For more information on this product and on our complete package of solutions please contact our local service center:

**SERT METAL / VESUVIUS GROUP**

3, avenue de l'Europe  
69150 Décines, France  
Tel: +33 478 260 180  
Fax: +33 478 414 000  
sales@sert-metal.com  
www.sert-metal.com

**VESUVIUS USA CORP.**

P.O. Box 4014  
1404 Newton Drive  
Champaign, IL 61822  
USA  
Tel: +1 217 351 5000  
Fax: +1 217 351 5031

**VESUVIUS ADVANCED CERAMICS (CHINA) CO., LTD**

221 Xing Ming Street  
China-Singapore Suzhou Industrial Park  
Suzhou 215021, JiangSu Province  
P.R. of China  
Tel.: +86 512 6741 2088  
Fax: +86 512 6741 1700

**VESUVIUS REFRATARIOS, LTDA**

Av. Brazil 49.550  
Distrito Industrial de Palmares  
CEP '23065-480-Campo Grande  
Rio de Janeiro , Brazil  
Tel: +55 21 2414 0606  
Fax: +55 21 2414 0648

**VESUVIUS INDIA LTD**

P 104, Taratolla Road  
700088 Calcutta,  
India  
Tel: +91 33 240 10 234  
Fax: +91 33 240 11 235

**VESUVIUS GROUP S.A./N.V.**

Rue de Douvrain,17  
7011 Ghlin  
Belgium  
Tel: +32 65 400 810  
Fax +32 65 311 474  
gh@vesuvius.com

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