FZH + Sylomer® Jack-Up Mounts for Floating Floors

Jack-up mounts with Sylomer® integrated into the concrete slab. Vibration isolation from 8 Hz and a low-profile design for floating slabs only 8–10 cm thick.



The **FZH + Sylomer® Jack-Up Mounts** are designed for **concrete floating floors** requiring high-performance isolation from vibration and structure-borne noise.

The mounts are integrated directly into the slab during casting. Once the concrete has cured, the system allows the **slab to be raised and isolated from the supporting structure**, creating a floating slab supported on resilient Sylomer® elements.

The system provides **vibration isolation from 8 Hz without the use of steel springs**. Its low-profile design allows floating slabs to be constructed with a thickness of only **8–10 cm**, making it particularly suitable for projects where available height is limited.

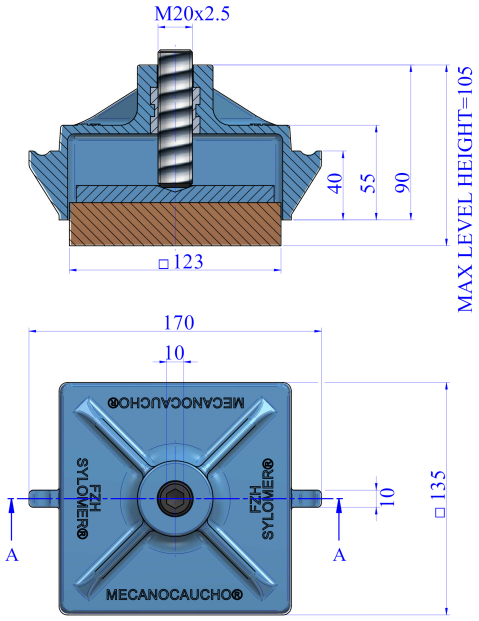
FZH + Sylomer® therefore provides a compact and economical solution for the **vibration and acoustic isolation of concrete floating floors**, particularly in areas requiring a significant reduction in vibration and structure-borne noise.

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalogue without prior notice.
Document generated on 16/11/2026.

Drawings

FZH-33-25 / FZH-39-25 / FZH-45-25 / FZH-51-25

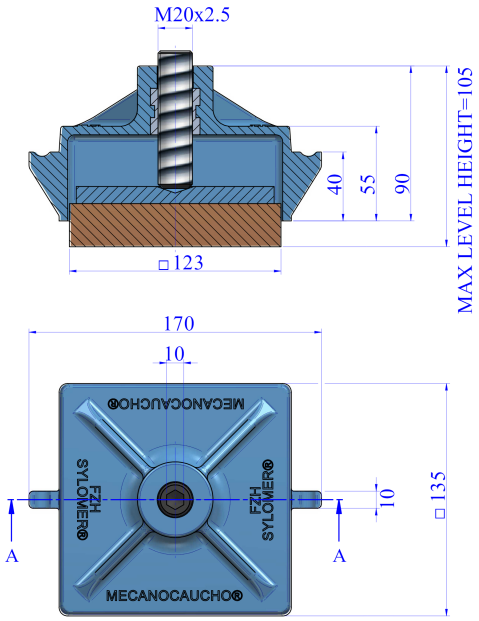


Type	SUMMARY	Max.Load (kg)	Freq. (Hz) Max. Load	Code	Weight(kg)
FZH-33-25	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	140	11	176511	1.12
FZH-39-25	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	265	11,1	176513	1.24
FZH-45-25	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	490	10,4	176515	2.4
FZH-51-25	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	800	11,8	176517	1.53

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalogue without prior notice.
Document generated on 16/11/2026.

FZH-57-25

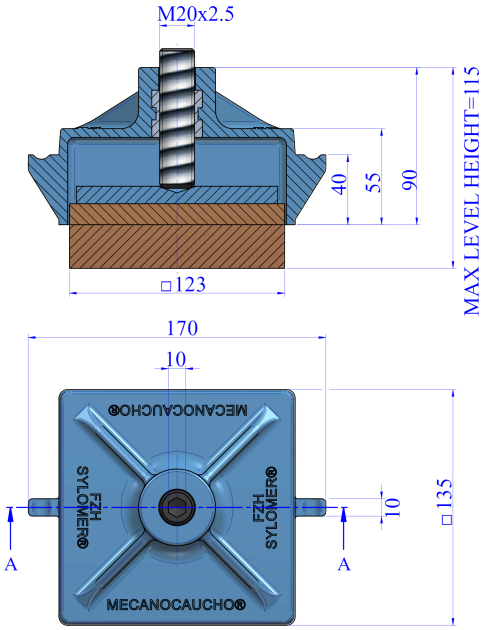


Type	SUMMARY	Max.Load (kg)	Freq. (Hz) Max. Load	Code	Weight(kg)
FZH-57-25	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	960	11,7	176519	1.61

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalogue without prior notice.
Document generated on 16/11/2026.

FZH-33-37 / FZH-39-37 / FZH-45-37 / FZH-51-37

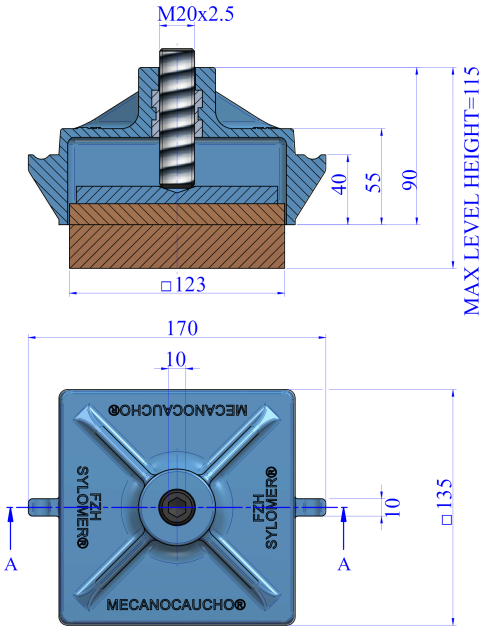


Type	SUMMARY	Max.Load (kg)	Freq. (Hz) Max. Load	Code	Weight(kg)
FZH-33-37	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs	140	8,6	176512	1.64
FZH-39-37	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	240	8,5	176514	1.82
FZH-45-37	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	490	8,1	176516	1.94
FZH-51-37	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	800	9,1	176518	2.11

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalogue without prior notice.
Document generated on 16/11/2026.

FZH-57-37

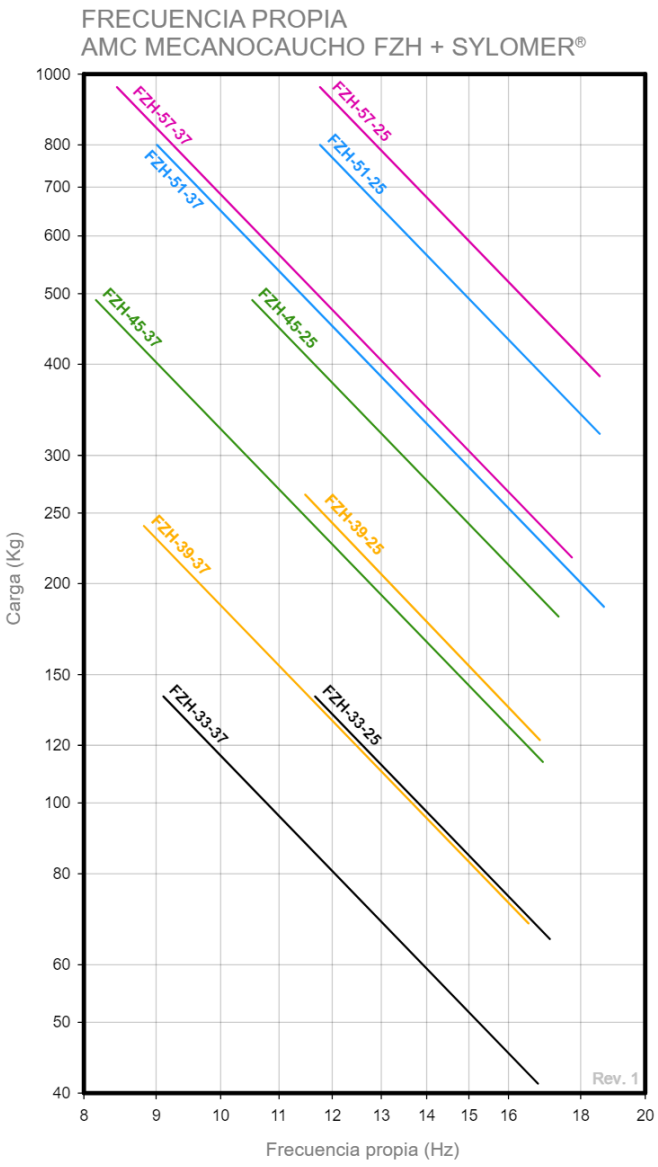


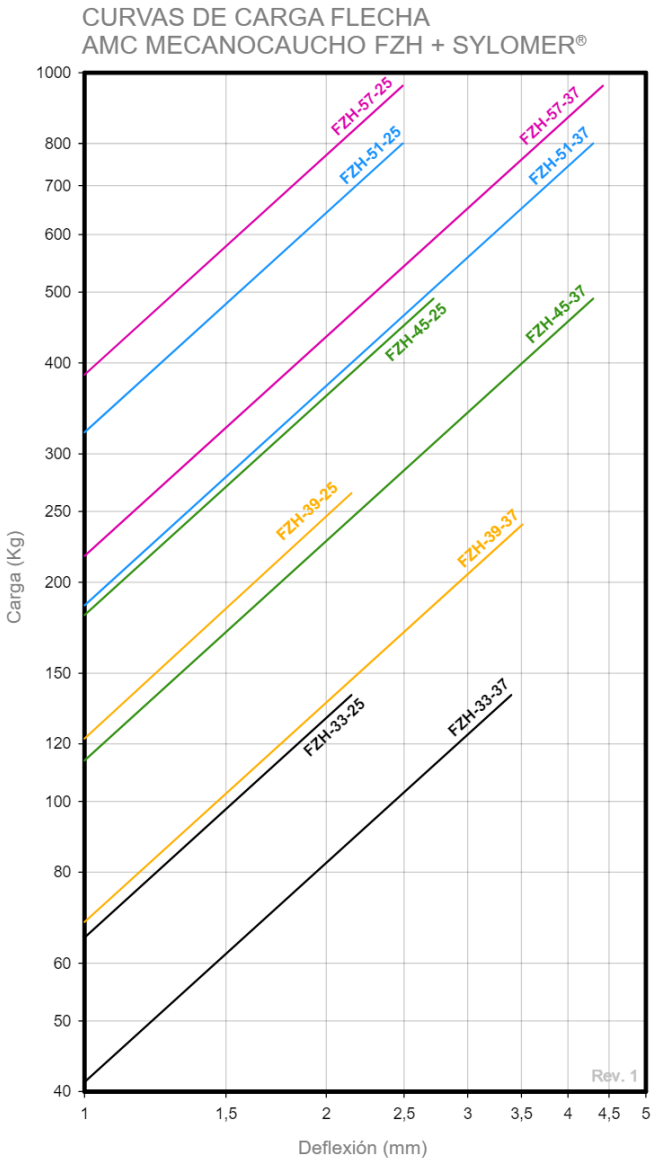
Type	SUMMARY	Max.Load (kg)	Freq. (Hz) Max. Load	Code	Weight(kg)
FZH-57-37	Concrete embedded Jack up mounts, designed for the antivibration suspension of slabs.	960	8,4	176520	2.29

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalogue without prior notice.
Document generated on 16/11/2026.

Elastic properties





AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalogue without prior notice.
Document generated on 16/11/2026.

Technical characteristics

The AMC-MECANOCAUCHO type FZH mounts incorporate a polyurethane elastomer called Sylomer®. This material offers optimal elastic and mechanical properties for the application.

The AMC-MECANOCAUCHO type FZH mounts can be manufactured in different densities of Sylomer to match the natural frequency needed on the application.

The process of leveling is simple and effective. The density of mount per m2 is1.12 and the distance between the mounts is 0,9m.

Advantages

Easy Installation

This mount requires minimal structural modifications, making installation quick and straightforward.

Incorporates Sylomer® elastomer, highly effective for isolating both high and low frequencies

Sylomer® provides high isolation across a wide frequency range and is particularly effective at high frequencies, effectively eliminating the transmission of structure-borne noise.

Excellent value for money

This mount delivers very high performance for its cost compared with other possible solutions.

AMC MECANOCAUCHO
Industrialdea Zona A - Pab. 35.
Asteasu E-20159, Gipuzkoa
Spain
Tel.: +34 843 74 00 13
sales@amcsa.es
www.mecanocaucho.com

In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalogue without prior notice.
Document generated on 16/11/2026.