

Mounting Frames

for Force Plates Type 9260AA...

Type 9428A...

Versatile mounting frames for flush or permanent installation of force plates in the floor.

- Versatile mounting
- Easy installation
- Modular
- Light
- Level adjustable

Description

The mounting frame Type 9428A... allows modular installation of the portable force plates Type 9260AA... and dummies Type 9418A3, Type 9418A5 and Type 9418A6 in the floor (Fig. 1). The frames come in different sizes to accommodate this. The mounting frames are manufactured from aluminum and easily assembled. The frames are permanently bonded to the foundation with a suitable grout. Different mounting frames can be freely combined to allow installation of force plates extending over several frames. Alternatively, dummies Type 9418A3 and 9418A6 can be mounted on the frames instead of the force plates of the same size. To prevent any force shunts developing, a 3 mm gap remains between the force plates and dummies after mounting.



Application

The mounting frames are designed for measuring stations at which force plates are to be flush mounted. Different frame sizes allow customization to the installation location. The force plates are fully interchangeable and can be mounted in different positions of the same frame. Also, each force plate Type 9260AA6 and dummy plate Type 9418A6 (500x600 mm) can be replaced with two force plates Type 9260AA3 or dummy plates Type 9418A3 (298,5x500 mm). This individual configuration and variable use of the force plates allows a measuring station to be optimized for different requirements, such as step length or walking base. The force plates can be lifted out and used in other applications.

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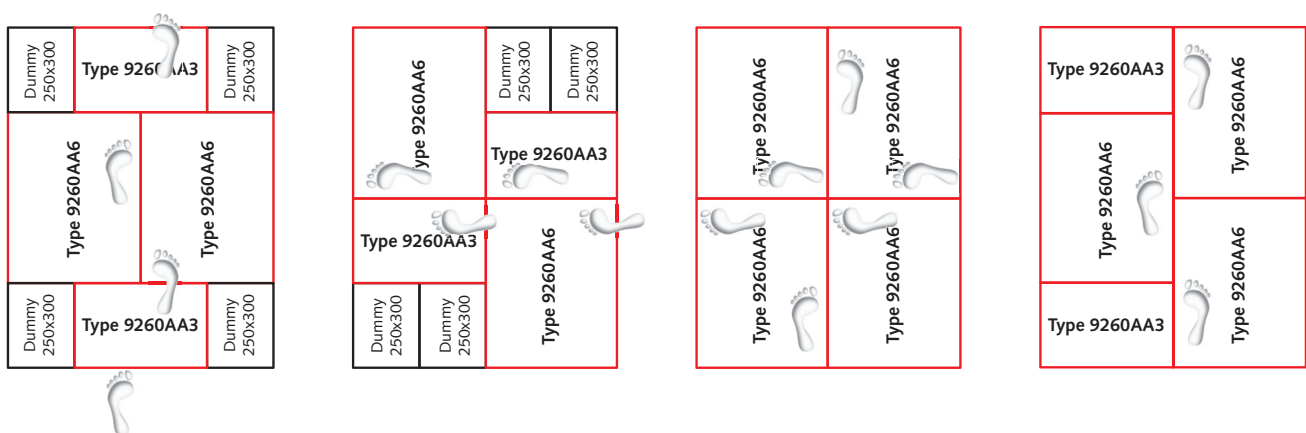
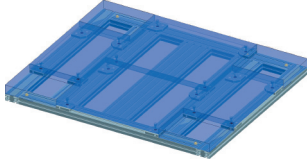
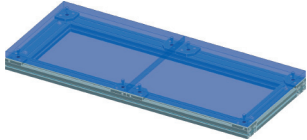
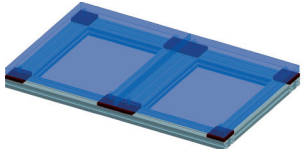
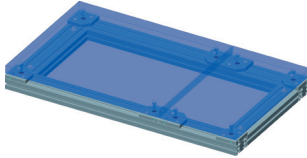
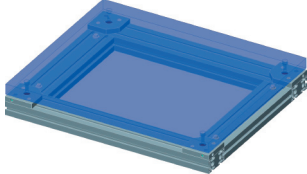
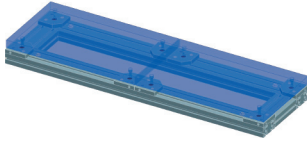



Fig. 1: Mounting examples for mounting frame Type 9428A1 with variable configuration of force plates

Technical Data

Type	Product Image	Standard Configuration	Dimensions	Available Dummy Plates
9428A1		4 plates Type 9260AA6 (600x500 mm), incl. mounting feet for 4 force plates	1 006x1 206 mm	Dummy 9418A3, 298,5x500 mm Dummy 9418A5, 298,5x248,5 mm Dummy 9418A6, 600x500 mm
9428A2		2 plates Type 9260AA6 arranged longitudinally (connected to each other on the y-axis), incl. mounting feet for 2 force plates	1 206x503 mm	Dummy 9418A3, 298,5x500 mm Dummy 9418A6, 600x500 mm
9428A3		2 plates Type 9260AA6 arranged transversely (connected to each other on the x-axis), incl. mounting feet for 2 force plates	1 006x603 mm	Dummy 9418A3, 298,5x500 mm Dummy 9418A6, 600x500 mm
9428A5		1 plate Type 9260AA6 (600x500 mm) and 1 plate Type 9260AA3 (300x500 mm), incl. mounting feet for 2 force plates	904,5x503 mm	Dummy 9418A3, 298,5x500 mm Dummy 9418A6, 600x500 mm
9428A6		1 plate Type 9260AA6, incl. mounting feet for 1 force plate	603x503 mm	Dummy 9418A3, 298,5x500 mm Dummy 9418A6, 600x500 mm
9428A7		2 plates Type 9260AA3 (300x500 mm) arranged transversely, e.g. for steps or stairs, incl. mounting feet for 2 force plates	1 006x301,5 mm	Dummy 9418A3, 298,5x500 mm Dummy 9418A5, 298,5x248,5 mm
9428AF		4 mounting feet for arranging an additional mounting position on frame Type 9428A...	80x80 mm	for all force plates and dummies

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Included Accessories

- Mounting feet for force plate
- Fixings and related items
- Tool

Optional Accessories

- Force plate
- 4 additional mounting feet
- Dummy plate
- Connecting cable

Type/Art. No.

9428AF..

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Type/Art. No.

9260AA...

9428AF

9418A...

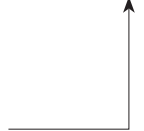
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Ordering Key

Mounting Frame

Dimensions 1 006x1 206 mm	1
Dimensions 1 206x503 mm	2
Dimensions 1 006x603 mm	3
Dimensions 904,5x503 mm	5
Dimensions 603x503 mm	6
Dimensions 1 006x301,5 mm	7

Type 9428A



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