Mobile Acoustic Screen

NoiScreen™ – The Simple Solution



iac acoustics

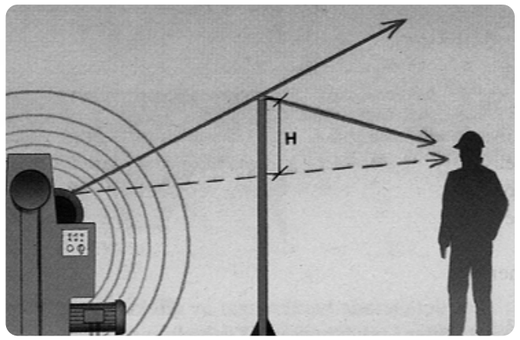
making the world a quieter place

NoiScreen™

IAC Acoustics' mobile acoustic screen is the new generation of noise barriers for workshops and all industrial production areas. It is robust, simple, looks good, withstand shocks and can solve acoustic and noise problems in many places. Ideal as a room divider.

Construction

The product is constructed of acoustic wall panels (53 mm thick) and the transmission loss is Rw 32 dB with one perforated sound absorbing side. The core material is 50 mm Rockwool with glass fiber surface and the highest sound absorbing values.



Attenuation and Acoustic Data

The product usually provide a noise level reduction of 5 -10 dB on the back of the screen.

The attenuation is determined partly by the effective screen height, H, i.e. the distance between the top of the screen and the line between the noise source and the people behind the screen, partly by the distances between the noise source, the screen and people.

Frequency (Hz)	63	125	250	500	1k	2k	4k	8k	
Transmission Loss (dB)	16	17	19	28	40	50	54	54	**Rw 32**
Absorption Factor	0.70	0.90	0.90	0.90	0.90	0.90	0.80	0.80	**NRC 0.90**

Mobility

By default, the product is readily available with wheels for easy relocation. The wheels are located at the screen corners or alternatively retracted so the screens can be set up in corner configuration.

Rubber Feet Option

As an option the wheels can be refitted with rubber feet if flexible relocation is not desirable.

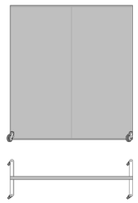




Availability

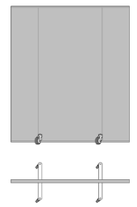
Straight Screens

- 910 x (2,025* / 2,425) mm
- 2,000 x (2,025 / 2,425) mm
- 3,000 x 2,025 mm



Corner Screens

- 1,735 x (2,025* / 2,425) mm
- 2,650 x (2,025 / 2,425*) mm



* Stocked in white color; RAL 9010

Colors

The product is available in two colors:

- Gray RAL 7035
- White RAL 9010

RAL 7035

RAL 9010

Other colors available on demand.

Important

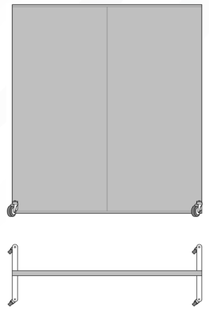
For the screens to function optimally they must:

- be tight, close to the floor and be sufficiently wide for the noise to be effectively damped.
- always face the perforated side towards the noise source.
- always be combined with a sound-absorbing ceiling to prevent reflected noise from a hard ceiling surface from damaging the screen effect.



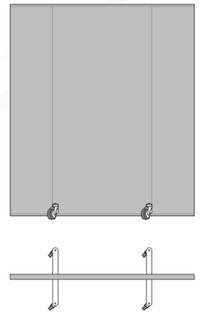






Straight Screens

Product Number	Size		Mobility		Color	In Stock
	Width	Height	Wheels	Feet		
NSMAS-S-910-2025-9010-W	**910 mm**	**2,025 mm**	•	-	**RAL 9010**	**Yes**
NSMAS-S-910-2025-7035-W	910 mm	2,025 mm	•	-	RAL 7035	-
NSMAS-S-910-2025-7035-F	910 mm	2,025 mm	-	•	RAL 7035	-
NSMAS-S-910-2025-9010-F	910 mm	2,025 mm	-	•	RAL 9010	-
NSMAS-S-910-2425-7035-W	910 mm	2,425 mm	•	-	RAL 7035	-
NSMAS-S-910-2425-9010-W	910 mm	2,425 mm	•	-	RAL 9010	-
NSMAS-S-910-2425-7035-F	910 mm	2,425 mm	-	•	RAL 7035	-
NSMAS-S-910-2425-9010-F	910 mm	2,425 mm	-	•	RAL 9010	-
NSMAS-S-2000-2025-7035-W	2,000 mm	2,025 mm	•	-	RAL 7035	-
NSMAS-S-2000-2025-9010-W	2,000 mm	2,025 mm	•	-	RAL 9010	-
NSMAS-S-2000-2025-7035-F	2,000 mm	2,025 mm	-	•	RAL 7035	-
NSMAS-S-2000-2025-9010-F	2,000 mm	2,025 mm	-	•	RAL 9010	-
NSMAS-S-2000-2425-7035-W	2,000 mm	2,425 mm	•	-	RAL 7035	-
NSMAS-S-2000-2425-9010-W	2,000 mm	2,425 mm	•	-	RAL 9010	-
NSMAS-S-2000-2425-7035-F	2,000 mm	2,425 mm	-	•	RAL 7035	-
NSMAS-S-2000-2425-9010-F	2,000 mm	2,425 mm	-	•	RAL 9010	-
NSMAS-S-3000-2025-7035-W	3,000 mm	2,025 mm	•	-	RAL 7035	-
NSMAS-S-3000-2025-9010-W	3,000 mm	2,025 mm	•	-	RAL 9010	-
NSMAS-S-3000-2025-7035-F	3,000 mm	2,025 mm	-	•	RAL 7035	-
NSMAS-S-3000-2025-9010-F	3,000 mm	2,025 mm	-	•	RAL 9010	-



Corner Screens

Product Number	Size		Mobility		Color	In Stock
	Width	Height	Wheels	Feet		
NSMAS-C-1735-2025-9010-W	**1,735 mm**	**2,025 mm**	•	-	**RAL 9010**	**Yes**
NSMAS-C-1735-2025-7035-W	1,735 mm	2,025 mm	•	-	RAL 7035	-
NSMAS-C-1735-2025-7035-F	1,735 mm	2,025 mm	-	•	RAL 7035	-
NSMAS-C-1735-2025-9010-F	1,735 mm	2,025 mm	-	•	RAL 9010	-
NSMAS-C-1735-2425-7035-W	1,735 mm	2,425 mm	•	-	RAL 7035	-
NSMAS-C-1735-2425-9010-W	1,735 mm	2,425 mm	•	-	RAL 9010	-
NSMAS-C-1735-2425-7035-F	1,735 mm	2,425 mm	-	•	RAL 7035	-
NSMAS-C-1735-2425-9010-F	1,735 mm	2,425 mm	-	•	RAL 9010	-
NSMAS-C-2650-2025-7035-W	2,650 mm	2,025 mm	•	-	RAL 7035	-
NSMAS-C-2650-2025-9010-W	2,650 mm	2,025 mm	•	-	RAL 9010	-
NSMAS-C-2650-2025-7035-F	2,650 mm	2,025 mm	-	•	RAL 7035	-
NSMAS-C-2650-2025-9010-F	2,650 mm	2,025 mm	-	•	RAL 9010	-
NSMAS-C-2650-2425-7035-W	2,650 mm	2,425 mm	•	-	RAL 7035	-
NSMAS-C-2650-2425-9010-W	**2,650 mm**	**2,425 mm**	•	-	**RAL 9010**	**Yes**
NSMAS-C-2650-2425-7035-F	2,650 mm	2,425 mm	-	•	RAL 7035	-
NSMAS-C-2650-2425-9010-F	2,650 mm	2,425 mm	-	•	RAL 9010	-

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An Engineering Benchmark

IAC Acoutics' products are respected worldwide for their quality and certified performance. Rest assured that IAC Acoustics can deliver a solution to your unwanted noise problem.

A True World Leader

In addition to providing acoustic louvres, IAC Acoustics is also able to provide the following solutions to noise control:

- Acoustic doors
- Acoustic windows
- HVAC attenuators
- Medical rooms
- Audiology booths
- Acoustic studios
- Acoustic wall treatments
- Anechoic chambers
- Acoustic barriers
- Acoustic enclosures
- Engine exhaust silencers
- Vent silencers
- Aero-engine test facilities
- Jet blast deflectors
- Ground run-up enclosures
- Gas turbine acoustic packages
- Anti-vibration mounts

Our wealth of engineering experience means that custom solutions can also be tailored for specific client applications. Please contact your local IAC Acoustics office should you require a unique solution.





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