ECHO BARRIER®
Environmentally Sound

CS Cutting Station™

Specifications



World-leading
temporary noise control.

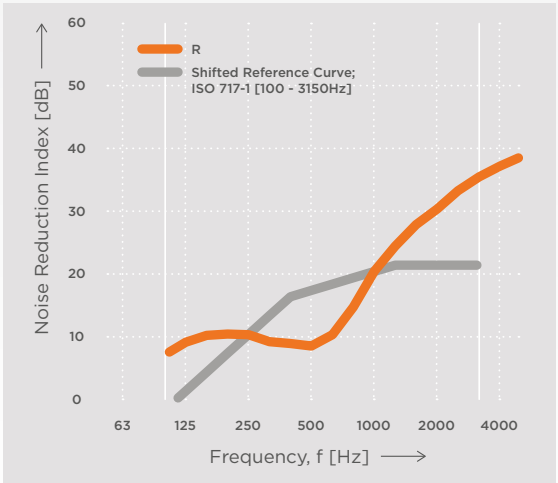
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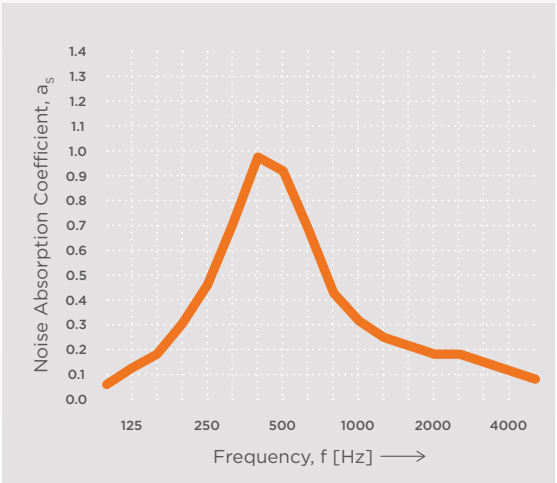
The Echo Barrier CS Cutting Station™ is a temporary portable acoustic enclosure that can be erected with ease to contain noise from cutting activities. Its innovative design offers superior noise reduction and absorption from all directions without compromising the process for cutting panels, timbers, tiles, tubes or beams of any length. It is ideal for use indoors or next to high rise structures. The viewing window provides visibility for communication and safe working. The simple, flexible and effective design comes with all the components required to prevent noise from bouncing off ceilings and walls, whilst containing dust, debris and fumes.



NOISE REDUCTION



NOISE ABSORPTION

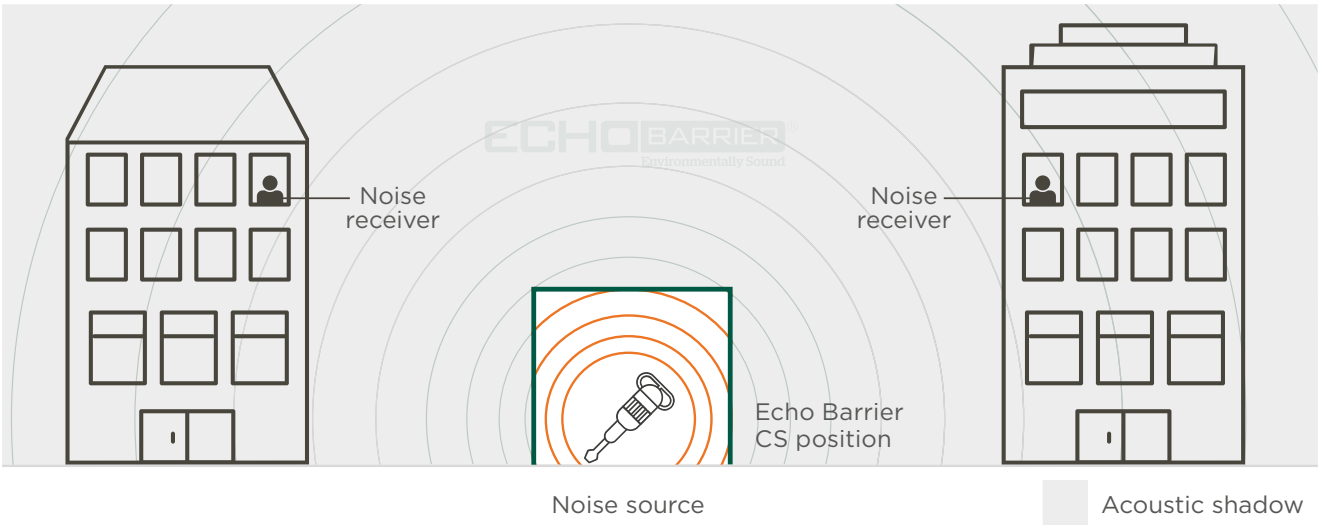


CS Cutting Station™ specifications

Max Noise Reduction (Lab Tested)*	38.5 dB (in all directions)
Max Noise Absorption (Lab Tested)*	89% (in all directions)
Height	2100 mm (6 ft 11 in)
Width	2400 mm (7 ft 10 in)
Length	3250 mm (10 ft 8 in)
Weight	136 kg (300 lb)
Water resistant test standard*	BSEN 60529:1992 IPX6/IPX9
Fire resistant test standard*	BS 7837-1996 (barriers), class B1 (windows/roof)
Dust resistant test standard*	BSEN 60529-1992
Cold resistant test standard (result)*	BSEN 60068/2/1:2007 (-40 degrees)
UV resistant	3 years (USA + Canada), 5 years (rest of the world)
Safety features	Night-time reflective strips, hazard icons
Quick install	2 persons in 15 minutes, foldable
Installation kits	Not required
Frame components / weights	Rear frame x 1 = 7 kg (15 lb), side frame x 2 = 11 kg (24 lb) each, front roof frame x 1 = 4 kg (9 lb), rear roof frame x 1 = 3 kg (6.6 lb), wheels x 6 = 3 kg (6.6 lb)
Acoustic components / weights	PVC roof cover = 10.7kg (23.5 lb), acoustic roof barrier = 5.5 kg (12 lb), acoustic side windowed double panel x 2 = 12 kg (26.5 lb) each, H3 acoustic panel x 2 = 6 kg (13 lb), each acoustic front panel with plastic door strips = 17.50kg (38.5 lb), air extractor panel =12kg (26.5 lb)
Window option	Included – Window opening can be configured to suit any width of material by simply folding the panels
Ventilation option	Includes integral air extraction hood
Adjustable	Yes – Height only
Wheels	Yes – lockable
Anti-theft	Security cable, data tag
Cleaning	Power wash
Identification code part number	Unique RFID number per unit
Manufacturer's warranty	1 year
Colour options	On request

* Full independent laboratory results can be obtained on request to **info@echobarrier.com**

Effective installation



What makes our acoustic barriers so effective?

Front outer layer
Extremely durable, waterproof, high quality PVC, with optimum mass to ensure maximum noise reduction whilst retaining a professional appearance.

Acoustic absorbent
Lightweight acoustic foam prevents noise reflecting off the barrier.

Waterproof breathable fabric
Multiple purpose breathable fabric allows noise to be absorbed while ensuring no water enters the barrier.



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