

ECHO BARRIER®

Environmentally Sound

CS Cutting Station™

Specifications



World-leading noise control.



ECHO BARRIER[®]

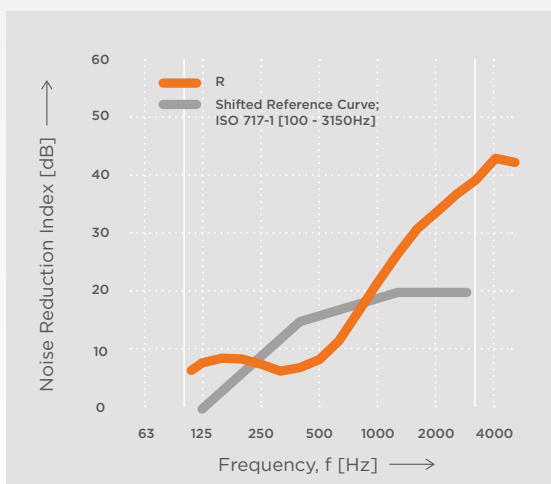
Environmentally Sound

CS Cutting Station[™]

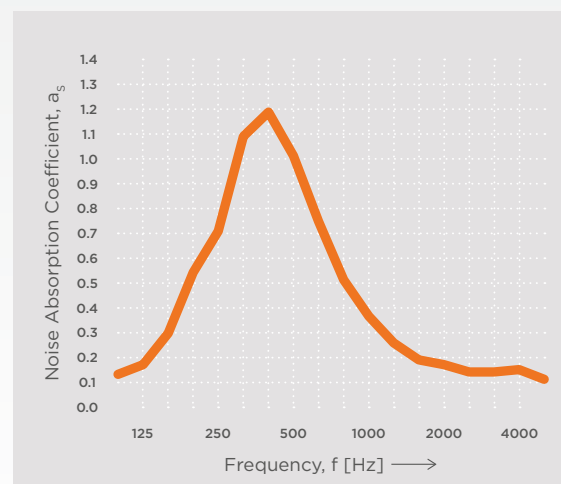
The Echo Barrier CS Cutting Station[™] is a temporary portable acoustic enclosure that can be erected with ease to contain noise from cutting activities. Its innovative design offers superior noise reduction and absorption from all directions without compromising the process for cutting panels, timbers, 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

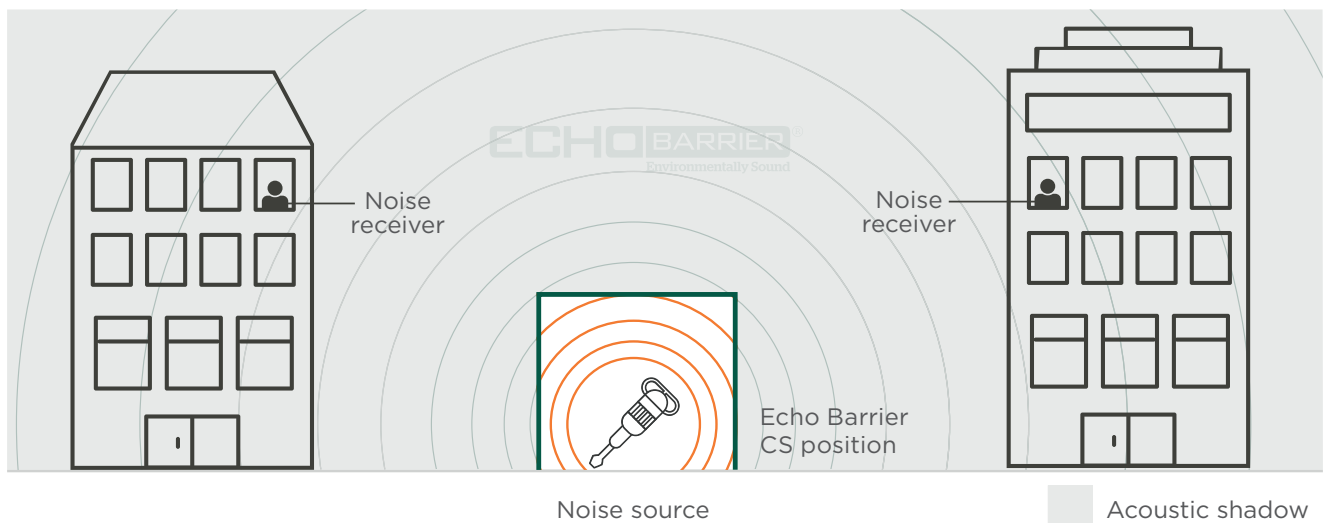


CS Cutting Station™ specifications

Max Noise Reduction (Lab Tested)*	43 dB (in all directions)
Max Noise Absorption (Lab Tested)*	100% (in all directions)
Height	6 ft 11 in (2100 mm)
Width	7 ft 10 in (2400 mm)
Length	10 ft 8 in (3250 mm)
Weight	260 lb (118 kg) + 40 lb (18 kg) Wheels
Water resistant test standard*	BSEN 60529:1992 IPX6/IPX9
Fire resistant test standard*	BS 7837-1996, ASTM E84, EN 13501-1:2018 (barriers), class B1 (windows/roof)
Dust resistant test standard*	BSEN 60529:1992 IP4X / IP5X
Cold resistant test standard (result)*	BSEN 60068/2/1:2007 (-40°C/F)
UV resistant	Yes - material components have various levels of protection as per their data sheets
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 = 15 lb (7 kg), side frame x 2 = 24 lb (11 kg) each, front roof frame x 1 = 9 lb (4 kg), rear roof frame x 1 = 6.6 lb (3 kg), wheels x 6 = 6.6 lb (3 kg) each
Acoustic components / weights	PVC roof cover = 23.5 lb (10.7 kg), acoustic roof barrier = 12 lb (5.5 kg), acoustic side windowed double panel x 2 = 26.5 lb (12 kg) each, H9 acoustic panel x 2 = 12 lb (5.5 kg), acoustic front panel with plastic door strips = 38.5 lb (17.5 kg), air extractor panel = 26.5 lb (12 kg)
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
Color 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, high-quality waterproof PVC, of optimum mass to achieve maximum noise mitigation, also offering an impressive visual finish.



Noise-absorbent composite

The heart of the panel: Echo Barrier's lightweight, but highly noise-absorbent composite.



Waterproof breathable membrane/mesh

The membrane/mesh lets in sound, so that it can be absorbed by the composite, but keeps water out.

