



PRODUCT SPECIFICATIONS

SOUND SUPPRESSION FOR CAT 785B/C (3512B)



SOUND SUPPRESSION FOR CAT 785B/C

Aletek's sound suppression exhaust system is a direct-fit replacement for Cat 785B/C trucks. Our system was designed by our in-house acoustic engineer for superior noise reductions and performance.

- Attenuated SWL⁽¹⁾ 124 dB/117 dBA
- Full exhaust or exhaust silencer only product options
- Specialised sound suppression exhaust system
- Tailor-made brackets fit to existing OEM bolt holes
- Acoustic-lined tailpipes
- V-band connector joints
- Australian designed, engineered and fabricated



Superior noise suppression



Direct-fit with minimal mods



Acoustic engineered



Dual layers with insulated inner



Australian made



Sound Power Level tested

UNATTENUATED SOUND POWER RESULTS^(A) (Before)

Test Condition	L _W ⁽²⁾	L _{WA} ⁽³⁾	Site Limit (L _W) ⁽²⁾
Stationary	⊕ 125 dBL	117 dBA	125 dBL
Dynamic (uphill loaded)	⊕ 130 dBL	123 dBA	125 dBL
Dynamic (downhill unloaded)	⊕ 128 dBL	119 dBA	125 dBL

ATTENUATED SOUND POWER RESULTS^(A/B) (After)

Test Condition	L _W ⁽²⁾	L _{WA} ⁽³⁾	Site Limit (L _W) ⁽²⁾
Stationary	⊙ 121 dBL	113 dBA	125 dBL
Dynamic (uphill loaded)	⊙ 124 dBL	117 dBA	125 dBL
Dynamic (downhill unloaded)	⊙ 118 dBL	113 dBA	125 dBL

^(A)Independent test report available
^(B)Attenuated results with Aletek exhaust

⁽¹⁾ SWL (Sound Power Level) ⁽²⁾ L_W (Linear Sound Power Level)
⁽³⁾ L_{WA} (Linear Sound Power Level, A-weighted scale)



GLOBAL HEAD QUARTERS
Queensland, Australia
T 1300 886 628
sales@aletek.com.au
www.aletek.com.au

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EXHAUST SYSTEM COMPONENTS

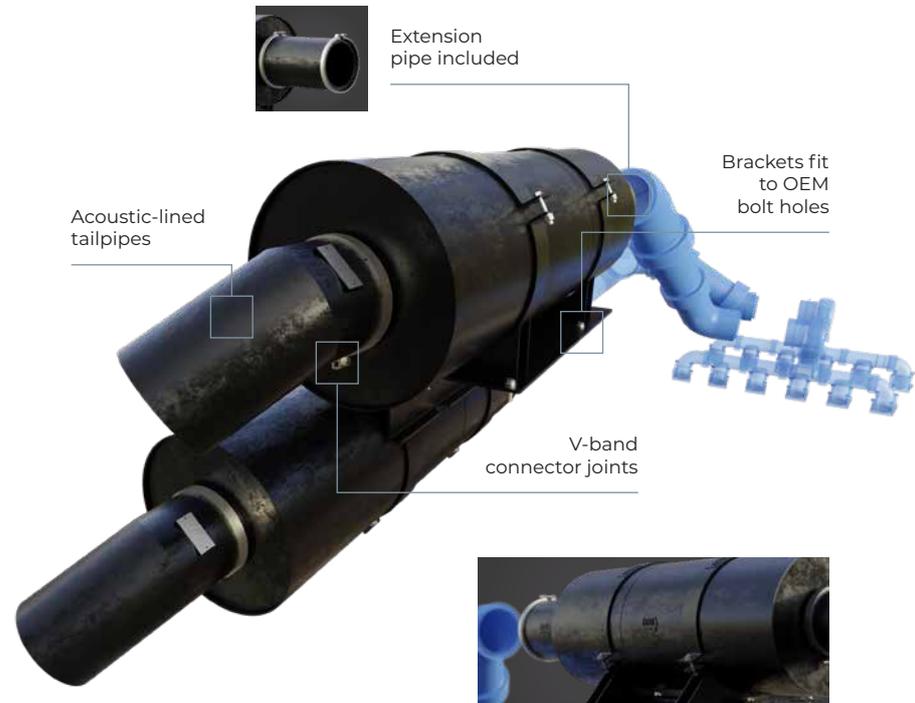
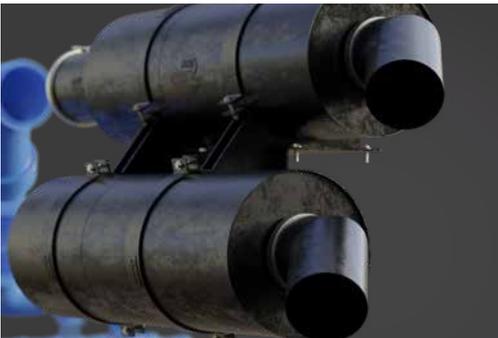


SOUND SUPPRESSION EXHAUST SPECS

Package Inclusions	Full sound exhaust system including engine pipes
Integration	Direct-fit to turbo outlet, brackets fit to OEM bolt holes
Specifications	Steel inner and outer skins, acoustic-lined tailpipes
Attenuated Sound Power	SWL ⁽¹⁾ 124 dB/117 dBA ^(A/B)
Warranty	12-months*

⁽¹⁾ SWL (Sound Power Level)
^(A)Independent test report available
^(B)Attenuated results with Aletek exhaust

EXHAUST SILENCER ONLY



EXHAUST SILENCER SPECS

Package Inclusions	Extension pipe, brackets, exhaust silencers, tailpipes
Integration	Direct-fit to OEM pipes, brackets fit to OEM bolt holes
Specifications	Steel inner and outer skins, acoustic-lined tailpipes
Attenuated Sound Power	SWL ⁽¹⁾ 124 dB/117 dBA ^(A/B)
Warranty	12-months*

⁽¹⁾ SWL (Sound Power Level)
^(A)Independent test report available
^(B)Attenuated results with Aletek exhaust