



## PRODUCT SPECIFICATIONS

# SOUND SUPPRESSION FOR CAT 793D (3516) (NON XQ TRUCKS)



## SOUND SUPPRESSION FOR CAT 793D (NON XQ)

Aletek's sound suppression exhaust system is a direct-fit replacement for Cat 793D trucks. Our system was designed by our in-house acoustic engineer for superior noise reductions and performance.

- **Attenuated SWL<sup>(1)</sup> 123 dB/115 dBA with sound suppression exhaust**
- Upgrade sound suppression system for non XQ trucks
- Engine pipe and exhaust silencer conversion package bolts onto OEM pipework/brackets
- Excellent solution for watercarts and tow hauls
- Australian designed and made
- XQ option also available



Superior noise suppression



Direct-fit with minimal mods



Acoustic engineered



Dual layers with insulated inner



Australian made



Sound Power Level tested

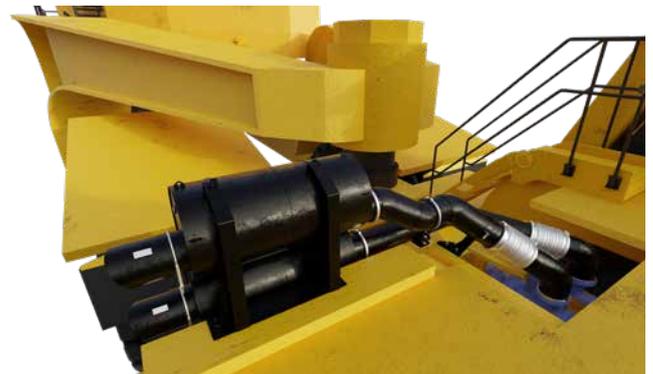
### ATTENUATED SOUND POWER RESULTS<sup>(A/B)</sup>

Test Condition	L <sub>W</sub> <sup>(2)</sup>	L <sub>WA</sub> <sup>(3)</sup>	Site Limit (L <sub>W</sub> ) <sup>(2)</sup>
Stationary	⊙ 122 dBL	115 dBA	125 dBL
Dynamic (uphill loaded)	⊙ 123 dBL	115 dBA	125 dBL
Dynamic (downhill unloaded)	⊙ 123 dBL	113 dBA	125 dBL

<sup>(1)</sup> SWL (Sound Power Level) <sup>(2)</sup> L<sub>W</sub> (Linear Sound Power Level)

<sup>(3)</sup> L<sub>WA</sub> (Linear Sound Power Level, A-weighted scale)

<sup>(A)</sup>Independent test report available <sup>(B)</sup>Attenuated results with Aletek exhaust



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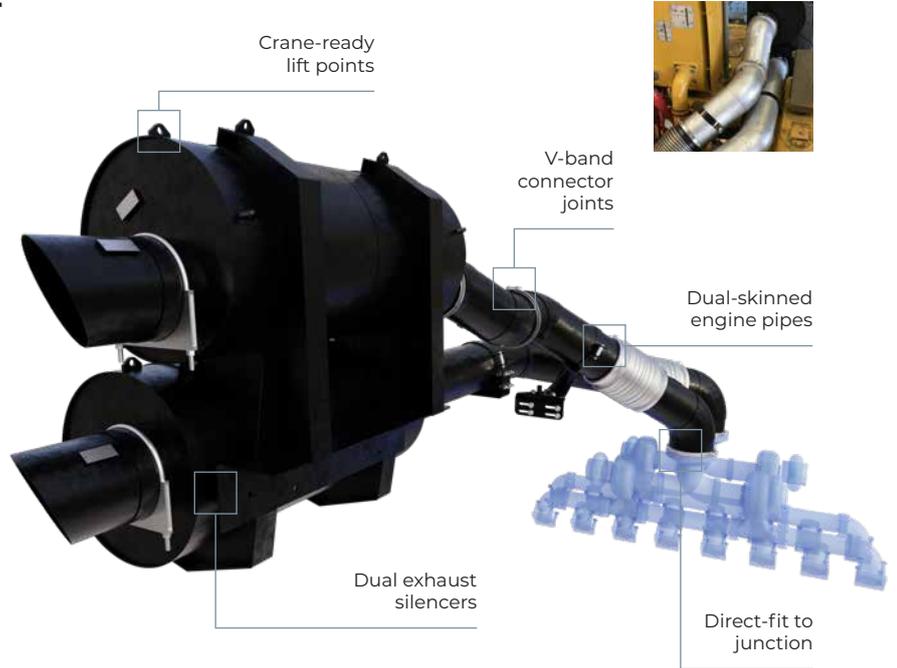
**INDONESIA**  
Kalimantan



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# SOUND SUPPRESSION FOR CAT 793D (3516) (NON XQ TRUCKS)

## SOUND SUPPRESSION EXHAUST



### SOUND SUPPRESSION EXHAUST SPECS

Integration	Direct-fit to junction E/pipe and exhaust silencer bolt to OEM pipes/brackets
Specifications	Steel inner and outer skins, acoustic-lined tailpipe
Attenuated Sound Power	SWL <sup>(1)</sup> 123 dB/115 dBA <sup>(A/B)</sup> Improves SPL by 4-6 dB
Warranty	12-months*

<sup>(1)</sup> SWL (Sound Power Level) <sup>(A/B)</sup>Independent test report available  
<sup>(2)</sup>Attenuated results with Aletek exhaust

## THERMAL DUAL-SKIN PIPE



## PRODUCT INTEGRATION



## SOUND SUPPRESSION EXPERTISE

### ✔ Exhaust systems and silencers

- Direct-fit OEM replacement solutions
- Exhaust systems – single and dual-stage systems
- Exhaust silencers – machine-specific solutions
- Dual-walled pipes – thermal (MDG 15 compliance) and acoustic-lined options

### ✔ Noise attenuation solutions

- Grid box and radiator attenuators

- Acoustic panels – engine bay doors, underbelly, enclosures for drivetrains and transmission
- Acoustic engine enclosures and radiator fans
- Acoustic foam refurbishment (NSW)

### ✔ Multi-staged attenuation

- Staged attenuation – modular and cost benefits
- Multi-staging improves weight distribution with superior noise suppression and optimal backpressure