



PRODUCT SPECIFICATIONS

DUAL-WALL EXHAUST FOR KOMATSU 830E-AC (QSK60)



DUAL-WALL EXHAUST UPGRADE FOR 830E-AC

Aletek's dual-wall exhaust system is a direct-fit replacement for Komatsu 830E-AC trucks. An insulated middle layer reduces exhaust surface temperatures and removes the need to install thermal blankets on engine pipes.

- Impervious to fuels and oils
- Reduce surface temperatures below fuel flashpoints
- Flanges, clamps and mounts designed for minimal heat transfer
- Compatible with Cummins specs
- Exhaust pipes require dual-wall specific brackets and clamps
- Australian designed, engineered and fabricated



Reduced surface temp



Dual layers with insulated inner



Direct-fit system



Ideal for fire mitigation



Extended product lifecycle



Australian made



Add blankets to turbos etc

*Note: Exhausts supplied in black



Dual-walled exhaust pipes remove the need for blankets and related maintenance



Direct-fit to OEM turbo outlet and backed by our Direct-Fit Replacement Guarantee



Add blankets to turbos, manifolds and junctions to mitigate engine fire risks



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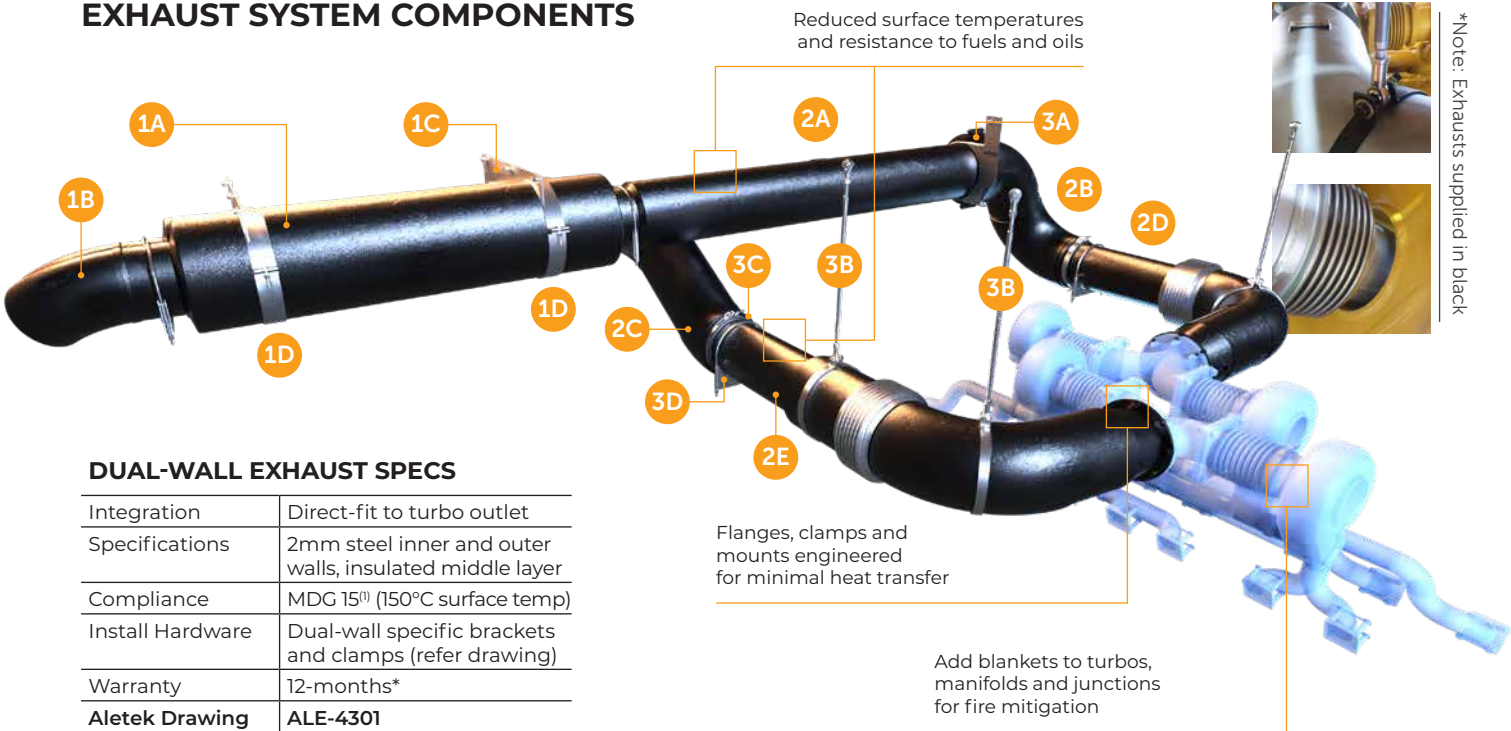
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Kalimantan



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EXHAUST SYSTEM COMPONENTS



DUAL-WALL EXHAUST SPECS

Integration	Direct-fit to turbo outlet
Specifications	2mm steel inner and outer walls, insulated middle layer
Compliance	MDG 15 ⁽¹⁾ (150°C surface temp)
Install Hardware	Dual-wall specific brackets and clamps (refer drawing)
Warranty	12-months*
Aletek Drawing	ALE-4301



1 MUFFLERS

Integration	Direct-fit
1A Muffler P/N	263-975 (each)
1B Tail Pipe P/N	258-383
1C Bracket P/N	215-294
1D Clamp P/N	283-701

2 ENGINE PIPES

2A E/Pipe P/N	222-839
2B E/Pipe P/N	211-036
2C E/Pipe P/N	200-000
2D E/Pipe P/N	251-684
2E E/Pipe P/N	218-719



3 CLAMPS & BRACKETS ⁽²⁾

3A Clamp Cvr	269-676
3B Hanger Grp	277-349
3C V-Band P/N	370-193
3D Bracket P/N	260-369

⁽²⁾ Refer to ALE-4301 for fittings

EXHAUST PIPE COMPARISON

Attribute for comparison	Dual-Wall Exhaust	Single Wall + Blankets	Single Wall Exhaust	OEM Exhaust
Silica insulation between exhaust pipe layers?	Y	Silica with insulation	–	–
MDG 15 ⁽¹⁾ exhaust surface temperature compliant?	Y	Y	–	–
Direct-fit to turbo outlet?	Y	Y	Y	Y
Compatible with OEM brackets, clamps & fasteners?	Custom hardware ⁽²⁾	Y	Y	Y
Engine pipe blankets needed?	–	Y	Y	Y
Junction, turbo, manifold blankets required?	Y	Y	Y	Y

⁽¹⁾ MDG 15 Guideline for NSW ⁽²⁾ Supplied with dual-wall pipes

