



COMPANY PROFILE

Hitachi is a worldwide manufacturer of construction machinery, specializing in manufacturing dump trucks, excavators and wheel loaders. Believing in reliable solutions, Hitachi prides itself in providing the best experience and technology in the construction machinery industry.

OBJECTIVE

In Perth WA, Hitachi's manufacturing space had a blastroom for blasting new and used machinery components nearby a team of 5-6 fabricators and welders. After a recent OH&S visit, Hitachi was advised that the fabrication and welding teams could no longer occupy the area while the blasting operation was active.

The cost of blasting became extraordinary. Every time the blasting started, the other workers had to leave the area. The cost per hour of blasting increased to near 6-7 salaries, plus the cost of unproductive down-time.



Generate considerable savings in production costs



Minimize overall dB levels



Increase production capacity



Comply with OH&S regulations

WHY HITACHI CHOSE SNAKEBITE XQ

By implementing the new OH&S recommendation, blasting hours increased while halting production for fabricators and welders. This production workflow disruption cost up to \$30,000/week for Hitachi.

With the help of SnakeBite XQ, Hitachi reduced work site noise by 75%, which met current OH&S standards. SnakeBite XQ reduces noise by up to 17 dBA and saved Hitachi thousands of dollars in the process.



SOLUTION

BlastOne introduced the Snakebite XQ Blast Nozzle to the team at Hitachi, which reduced the sound pollution from the blasting operation by 17dBA, reducing noise pollution by 75%. As a result, those 6 fabrication workers could continue working in the same area while blasting occurred. Hitachi estimated that they saved over \$30,000/week by having their working continue during blasting.

RESULTS

The Snakebite XQ is the worlds quietest blast nozzle. Designed and manufactured by BlastOne, this product effectively reduces the noise pollution of blasting by 75% and also reduces the operator fatigue up to 45% due to its low kick-back-thrust design. Truly a game changer for abrasive blasters.

NOISE REDUCTION

SnakeBite XQ reduced noise levels by 17dBA for Hitachi. That's equivalent to more than 75% quieter than standard nozzles and the typical high pitched screech is now gone.

COST OF PRODUCTION

With reduced noise levels, the 6 fabrication workers could return to work during blasting, which saved Hitachi over \$30,000/week.

EASE OF USE

The unique design of nozzle and silencer reduces operator fatigue by up to 45%. Operators can better maneuver the nozzle and will be less fatigued over the shift.