

Track Plate Treatment

Undercarriage Noise Attenuation

Hushpak Engineering has your solution to dozer noise. Our understanding of noise, together with our proven track record, tailored approach and readiness to take on a challenge enables us to solve your noise problem.

UNDERSTANDING TRACK PLATES

Noise is emitted at the track plates (also known as grousers) as they impact on the sprockets and idler wheels. The grousers act like a sound board and reverberate at multiple frequencies significantly adding to the tonal noise of the machine. An overall reduction of up to 4dB(A) can be achieved.

TRACK PLATE DAMPERS

Installation of track plate dampers minimises reverberation of the track plates or grousers when the track chain strikes the sprockets and idlers. Track plate dampers are effective at removing up to 4dB(A) from the dozer sound power level and improve operator comfort.

To complement undercarriage noise reduction, Hushpak offers a range of additional dozer noise attenuation packages, including treatment of:

- Exhaust
- Engine bay
- Cabin
- Idler wheels

As dozers vary within each mine site, the noise reduction required, and the role of the dozer must be considered before deciding how to best mitigate the problem.

Independent Dozer Results:

Cat D11 T:

3 to 4dB(A) reduction achieved in first and second gear.



HUSHPAK
ACHIEVING UP TO
4dBA
Reduction

Hushpak continues to lead the way in research and development of dozer noise attenuation solutions. Our products and treatments successfully meet the challenge brought by the harsh environment of an operating dozer, while retaining suitable acoustic attenuation performance.