

CASE STUDY:

Solving Excessive Vibration Due to Break Through Shock



W-TECHNOLOGIES
CUSTOM HYDRAULIC SHOCK DAMPERS

An Effective Solution for Excessive Vibration

W-Technologies

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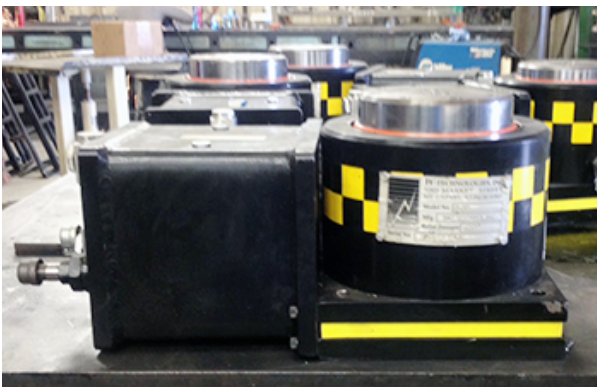
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The Challenge

W-Technologies was approached by a Tier 1 manufacturer who manufactures security systems for the automotive industry. A part of their process involved a complex die which created excessive vibration due to break through shock. The company reached out to W-Technologies for help.

The company was using a six station die which formed and blanked the part. The press was automated and was being fed from right to left and running 40+ SPM. After assessing the customers needs, W-Technologies set out to provide the correct hydraulic shock dampers. They decided to use two W-Tech model H50 dampers with a cooling system. These dampers feature an external adjustment (capable of



altering the internal pressure), a combined oil level site and temperature gauge. As well as a complete cooling system that requires minimal floor space.

The Solution

The W- Technologies' H50 dampers successfully reduced reverse tonnage by over 67%, and increased SPM from 45 to 50.

[Contact W-Technologies](#) today to learn how they can help you minimize break through shock.



We back our products with a 100% customer satisfaction guarantee. If the hydraulic dampers do not meet the customer satisfaction, all financial obligation is cancelled and returned.