

CASE STUDY

QHS-350 CONCRETE CUTTING HANDSAW

OVERVIEW

The Company:	Worthington Sealants
Project:	Flat renovations
Location:	Bolton, Lancashire
Employees:	1
Industry:	Diamond Drilling, Cutting and Sawing
Customers for:	20 years

QHS-350 Concrete Cutting Handsaw

Based in Bolton for over 20 years, Worthington Sealants provide specialist concrete cutting and drilling services including Floor and Wall Sawing.

Worthington Sealants work with many of the major infrastructure and construction companies, working on hundreds of construction and renovation projects that involve floor and wall sawing.

THE CHALLENGE

Worthington Sealants needed an efficient & powerful hand held saw for cutting through masonry, concrete, steel reinforcement and stone to replace their aging Husqvarna K3000 Handsaw.

The Handsaw needed to be robust, work to a high standard and have the ability to extract dust, effectively.



THE SOLUTION

Worthington Sealants moved from using the Husqvarna K3000 Electric Handsaw in favour of the Diaquip QHS-350's Electric Handsaw featuring the dust extraction ski accessory and a Diaquip Matrix 350mmØ Diamond Blade. The first test for the QHS-350 was a large scale project with hundreds of large chased cuts required in walls and floors in a series of flat renovations (350mm Ø, 150-250mm depth). Diaquip worked with Worthington Sealants to find the very best handsaw in the QHS- 350 for power and speed, whilst maximising the life of the Diamond Blade on steel reinforced concrete.



THE RESULT

The project was completed on time and on budget. The QHS-350's power and performance meant that time spent on changing blades was dramatically reduced. The feedback from Barrie Worthington was that the QHS-350 was approximately 20-25% faster at sawing versus his Husqvarna K3000 that he would normally use for this type of project.

The Diaquip QHS-350 Electric Handsaw proved to be a high-powered, high-speed method of cutting concrete surfaces. It is safe, fast, reliable, clean (due to the dust ski) and advanced operator-friendly design features. From a safety point of view hand/arm vibration exceeds the required standards and the dangers from silicosis are dramatically reduced due to the dust ski.

"I found the QHS-350 to be an extremely powerful hand saw, which was very well designed. I particularly like the guide rollers - a very useful feature which gave me more control and took the weight off me as the operator. Really love the QHS-350, the Dust Ski and the Matrix Blade – Diaquip have pulled off a great machine yet again."

Barrie Worthington – MD, Worthington Sealants Ltd

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Machinery QHS-350
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Video Overview
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