

## CASE STUDY

### DIAQUIP DQ5 DIAMOND WIRE

**John F Hunt**  
**Concrete Cutting**

#### OVERVIEW

The Company:	John F Hunt (Concrete Cutting Division)
Project:	Centre Point Tower
Location:	London
Employees:	100+
Industry:	Concrete Cutting, Diamond Drilling & Sawing
Customers for:	10 years
Website:	<a href="http://www.johnfhunt.co.uk/demolition/">www.johnfhunt.co.uk/demolition/</a>

#### Diamond Wire Cutting in London for John F Hunt

Privately owned, John F Hunt is a group of Construction related specialist companies providing industry linked services. As a multi-disciplined contractor, core activities include Demolition, Ground Remediation & Asbestos Management.

The Concrete Cutting Division of John F Hunt Demolition provides an environmentally friendly, less aggressive alternative to traditional methods of demolition. Working both independently & hand in hand with the main Demolition business, it provides valuable advice, technical support & a vast selection of contemporary machinery with competent operators.

#### THE CHALLENGE

The 34 storey Centre Point Tower is a 1960's architectural masterpiece, reinvented as an extraordinary luxury residence in the geographic and cultural heart of London.

John F Hunt were commissioned for the 75 week project as the main demolition contractor prior to the renovation work taking place.

The project involved saw cutting and careful removal of the existing lower three floors, leaving the steel structure temporarily supported.

Although the tower is constructed from exceptionally hard reinforced concrete with heavy rebar, execution of the works included intense management of the use of water, keeping it to an absolute minimum due to the sub-standard nature of the existing concrete.

The project called for a diamond wire sawing solution that would reduce the amount of time it took to cut back the nine 900mm concrete supporting columns and demolish the upper three floors.

This less aggressive method of concrete cutting ensured the transmission of noise, dust and vibration was kept to the lowest possible level throughout the operation.





## THE SOLUTION



Diaquip needed to provide a fast, long-lasting and cost effective Diamond Wire due to the large quantities used on the project. It was essential that the wire performed well on reinforced concrete (including steel rebar).

The Diaquip DQ5 diamond wire was chosen for the project – as it is constructed using a totally new method, called Fusion Tech which gives DQ5 much better speed and life advantages. Can be used effectively on virtually all concrete types including extremely high reinforced concrete or concrete with exposed steel.

## THE RESULT

DQ5 Diamond wire is a very fast cutting, long life sintered concrete wire, for extreme & professional applications. This wire has been developed using 'Fusion Technology' innovation, which has proved to be a step change in the diamond wire sawing industry standards. John F Hunt used the DQ5 on the Centre Point Tower, with great feedback from its wire saw operators, as it fit the brief perfectly in terms of speed, performance and life of the wire.

Centre Point Tower was a challenging project – with strict milestones and many complex cuts to make to the supporting columns and internal structure. Diaquip's DQ5 diamond wire helped to keep the wire sawing time down both with excellent speed and life of the wire.

**"Our Wire Saw Operators found the DQ5 Green Wire to be very fast...even with a fast cutting speed, it still kept its structure and life – despite working on heavily reinforced concrete."**

Brendan Parker, Estimator – John F Hunt.

**See the video of DQ5 Diamond  
Wire in Operation at Centre  
Point Tower – [Click here](#)**

