

NOV[®] MONO[®] PROVIDES A COMPACT SOLUTION FOR TOWER BRIDGE



A high performance Compact C Range progressing cavity (PC) pump from NOV[®] Mono[®] has been installed at the historic British landmark, Tower Bridge, to handle rainwater and the ingress of ground water from the River Thames.

Tower Bridge, which uses a progressing cavity pump in each of its bridge legs for dewatering purposes, requested a like for like replacement from Mono after the previous Mono PC pump which was installed had run smoothly for over ten years. Tower Bridge has been successfully using Mono pumps for over thirty years.

David Duffy, Technical Officer at Tower Bridge (City of London Corporation), commented: "The Mono pumps transfer ground water to the surface 100 feet above before it is transferred to the main drainage system. Without the Mono pumps, the two towers would fill up with water and flood up to the level of the river.

"We specified Mono because as well as being the original equipment supplier, we know the Mono brand to be reliable and trust the pump to do the job well. The Mono Compact C Range pump is extremely dependable, reducing maintenance and making our process much more efficient, which is extremely important due to the Tower Bridge being such an historical landmark building. We are very happy with the service that Mono provided and the pump is continuing to run efficiently."

Mono's Compact C progressing cavity pump range has been designed to fit into compact spaces while reliably performing

to the maximum duty requirement of the application. The pump uses positive displacement for process control, variable speed for accurate dosing and features a suction lift capability of over eight metres.

This high pressure pump also eliminates the need for a series of pumps when pumping over long distances and the gentle pumping action minimises shear or crush damage for delicate applications. Low running speeds and an option of a square inlet and conveyor to assist viscous slurries into the pumping element make it ideal for abrasive applications.

Pump:	C14AC11RPB
Product:	Ground water
Capacity:	9.4m ³ /h
Pressure:	2.98 bar
Pump Speed:	700 rpm
Drive:	1.5kW



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