



# The Rothen Group

Maintaining Britain's waterways

SPECIALIST WATERWAYS CIVILS CONTRACTORS & MARINE PLANT HIRE

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## Vibro Hammers

Dawson Construction Excavator Mounted Vibrators (EMVs) work in place of an excavator bucket to both drive and extract piles. These vibratory hammers form a productive and cost effective due piling rig that works around a standard excavator.



- ✓ COMPACT, ROBUST AND RELIABLE – NO ELECTRICS
- ✓ SIMPLE AND FAST ATTACHMENT TO THE EXCAVATOR
- ✓ MINIMAL HEIGHT TO MAXIMISE THE PILE LENGTH
- ✓ SLIM DESIGN TO DRIVE SINGLE SHEET PILES
- ✓ HIGH POWER TO WEIGHT RATIO
- ✓ UNIVERSAL JOINT SUSPENSION FOR EASY ALIGNMENT OF PILES
- ✓ EXTREMELY LOW VIBRATION TRANSMITTED TO THE EXCAVATOR
- ✓ AUTOMATIC HYDRAULIC CLAMP OPERATION
- ✓ FLEXIBILITY IN APPLICATION
- ✓ FLOW REGULATOR PREVENTS EXCESSIVE OIL SUPPLY TO VIBRATOR
- ✓ HEAVY SADDLES AVAILABLE FOR CRANE SUSPENDED MODELS

The EMV70 will drive trench sheets, short lengths of steel piles, wooden posts, tubes and plastic piles, working off 5–12 tonne excavators. In between the EMV70 and EMV300 hammers, the EMV220 is only 5kg heavier than the smaller EMV70. We would recommend it for jobs limited by the excavator size, perhaps with a heavier pile than a trench sheet.

At the other end of the scale, our largest vibro-hammer is the EMV300. Powered by excavators between 13 and 25 tonne, this hammer is ideal for the Larssen range, or other mid-heavy duty piles.



