



5500 SERIES

QUIET HAMMER

Up to 16 db(A) quieter than a conventional piling hammer

- 1 Enclosed hammer design shrouds allow the piling hammer to reduce noise emissions.
- 2 Further reductions of noise through elimination of metal to metal contact, and provision of cushion to reduce impact noise.
- 3 Hydraulically and mechanically designed to increase speed and efficient transfer of energy.
- 4 Shorter masts and sectional piles reduce noise distribution over distance.
- 5 Rigs designed to optimise bearing pressures thereby reduce working platform thickness.
- 6 Designed for quick set-up from transport to working position.
- 7 Safety feature including improved stability due to reduced height and full remote operation.

www.roger-bullivant.co.uk





QUIET HAMMER

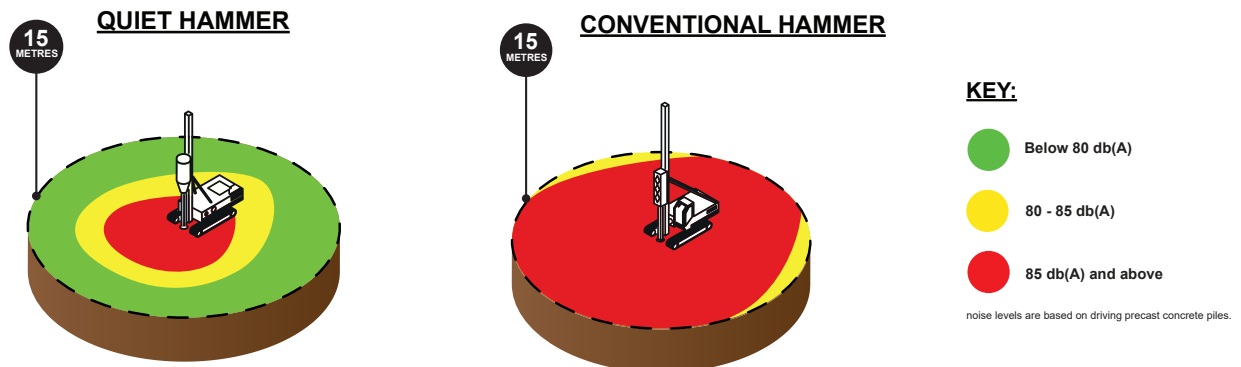
The RB Quiet Hammer rig is designed and manufactured in-house to specifications based on years of customer feedback. The patented shrouded hydraulic piling hammer is designed with the highest proficiency to reduce noise emissions when driving piles compared to non-shrouded hammers. The rig is based on the latest JCB base units boasting the Ecomax engines and remote management systems.

The advantageous, innovative design means the machines can be set-up in just a few minutes and transported in one piece from one job site to another. The short mast design provides greater stability and reduces the overall weight of the rig, resulting in a reduction in ground bearing pressure and required thickness of working platform. RB Quiet hammer provides a quiet and economical solution, ideal for residential and environmentally sensitive areas.

The machine is operated using a radio control handset which provides unparalleled safety features of visibility for all machine operations, and greatly reduced risk to site operators.

ADVANTAGES

Rigs are suited to driving both precast concrete and steel piles, in single or sectional lengths to reach required depths up to 350mm square. Energy outputs range from c.8kNm to c.35kNm making them ideal for a wide range of pile loadings in cohesive soils, very dense granular soils, and soft rocks.



TECHNICAL SPECIFICATION:

Weight and Dimensions:

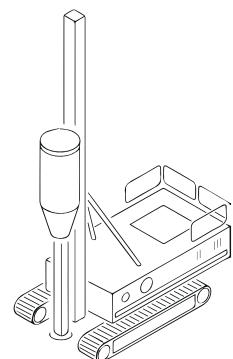
Gross weight	45.5t
Operating length	7.95m
Operating height	12.62m
Operating width	3.3m
Transport length	12.4m
Transport height	4.16m
Mast articulation (fore & aft)	±5°
Mast articulation (side to side)	±5°
Hammer drop weight	5.0 / 5.5 / 6.0t
Maximum drop	600mm

Piling system:

Quiet hammer with automatic drop control. Fully instrumented using Jean Lutz Dialog system.

Power and Control:

Prime mover	JCB 129 kW Ecomax
Emission rating	Euro Stage IIIB
Power	129kW @ 2100 rpm
Main control	Full radio remote



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