

BSP HAMMER SPECIFICATION

BSP air hammers are normally used in non-cohesive soils and provide a rapid succession of blows to install the pile efficiently. N series models drive medium weight sheet steel, tubular, H-beam or timber piles. Concrete piles can also be driven where soils are soft and the pile is light.

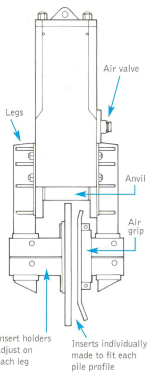
The Mk11 N series hammers have been in continuous production for over 20 years and are used all over the world.

Rams High impact resistant spheroidal graphite iron is standard throughout the N series. All have piston ring sealing.

Anvils These are made of steel in all models – wide anvil diameters are made from castings and narrow diameters are from heavy plate.

Reciprocal Air Valves This consists of a precision spool running in a machined valve chest casting.

Legs and Inserts Steel fabrications which are designed to ensure the hammer is held vertically over the pile. N hammers have a pneumatic grip and vernier pin insert adjustment.

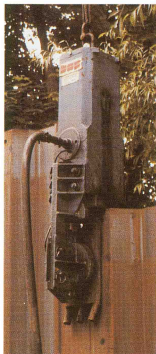


Hammer Model	600N	700N
Ram Weight	227kg	385kg
Energy per blow (max)	415Kg.m	650Kg.m
Blows per min (max)	250	225
Air needed at 7 bar	10.3m ³ /min	17m ³ /min
Air hose bore	38mm	51mm
Weight of basic hammer with legs*	2177kg	3006kg
Height above pile*	1505mm	1650mm
Overall height with legs*	2275mm	2420mm
Depth of anvil face†	292mm	356mm
Narrow anvil width	359mm	457mm
Intermediate anvil width	457mm	
Wide anvil width	711mm	711mm

* Variable according to type of attachments

† Effective depth is given

Although normally used in freely suspended mode, BSP can supply backguides to allow operation on mast or lead.



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IN THE INTEREST OF QUALITY AND PERFORMANCE, WE RESERVE THE RIGHT TO AMEND SPECIFICATIONS AT ANY TIME.

BSP INTERNATIONAL FOUNDATIONS LIMITED
 Claydon Business Park, Gipping Road
 Great Blakenham, Ipswich, Suffolk, IP6 0JD, United Kingdom
 Telephone +44(0) 1473 830431
 Facsimile +44(0) 1473 832019
 Email sales@bspif.co.uk
 Website www.bsp-if.co.uk

