



BSP DX RT-25 Piling Hammer

Readypower has its own fleet of BSP DX-RT Piling Hammers for use on the Doosan Ultimate 270 RRV

The BSP DX-RT range of hydraulic piling hammers have been developed to meet the needs of Railway Infrastructure projects. It's design allows quick and simple mounting onto the stick of a wide range of small Road-Rail excavators (approx. 30T class machines). The hammer mounts directly to the excavators bucket linkage and the attachment allows for fast erection from horizontal transport position to a vertical plumb working position. Further side plumbing adjustment is possible to give a hammer position $\pm 5^\circ$ of vertical to deal with the cant of rail lines. During piling the hammer is guided or crowded in the vertical position by the attachment mechanism.

As standard the hammer is fitted with a 800mm diameter drive cap which is well suited to the common application of driving 610mm [24"] dia steel tube piles used in the construction of rail electrification stanchions. It also allows for other common pile sizes such as 457mm [18"], 406mm [16"] and 305mm [12"] steel tubes. Other pile types and sizes can also be driven by fitting alternative drive cap options.



Key figures:

Sound power Level	133dB
Drop weight	2000kg
Overall weight	4950kg
Overall length	3925mm
Operating pressure	160 bar
Litres/min	50-140
Drive cap sizes	700mm (fitted) & 800mm
The different cap sizes are suitable for the common application of driving standard railway pile sizes 610mm & 762mm and also sheet pile driving.	

The DX RT-25 allows for:

- Total control of hammer stroke & blow rate.
- Precise matching of energy to suit the pile driving requirements & ground conditions.
- The hammer can be operated manually blow by blow or can be configured for fully automatic operation.
- The hammer can also be operated directly from the excavator cab or from outside on the ground using a remote control handset.