

DX-RT Hydraulic Hammer

THE **POWER** TO PERFORM



The DX-RT piling hammer is adapted for use on Railway infrastructure applications. Operating from small Road-Rail Excavators of approx 30T mass and above.:

Illustrated: DX-RT20 on MPT rail project, Manchester, UK

The Hammer is pinned to the excavator bucket linkage. The attachment allows fast erection from horizontal transport position and side-plumbing to vertical of 5° to cope with the cant of rail lines. During piling the hammer is guided or crowded in the vertical plane by the attachment mechanism.

The drive cap adaptation shown fits standard 610mm (24") dia UK Network Rail rail piles used to support electrification stanchions. Overall width of cap guide 800mm.

Cap can be adapted for other pile sizes. Typically 457mm (18"), 406mm (16") 305mm (12")

Piles are pitched with side-grip vibrator and driven until vibrator reaches its limit. The hammer final drives pile to track level at the height determined by the needs of the embankment or cutting.

Specifications	Ram Mass	Max. Impact Energy	Blow Rate @ rated energy	Operating Pressure	Hydraulic Flow Required	Hammer Length	Hammer Width	Hammer Weight *
MODEL	kg	kNm	bpm	bar	L/min	mm	mm	kg
DX-RT 20	1,500	20	80	140	140	3890	600	4350
DX-RT 25	2,000	25	80	180	150	3890	600	4750

* Hammer weight includes drive plate adapter for 610 Rail-track pile plus excavator pick-up plate and crowd/tilt mechanism
Hammer length to tip of drive cap guide

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