



CG TECHNICAL DATA

THE **POWER** TO PERFORM



CG300 mounted on a piling rig



CG300, Leader mounted on a barge, driving steel tube piles



CG300, Crane suspended, driving steel tube bearing piles



The CG range of piling hammers is designed for driving a variety of bearing piles including steel tube, combi piles, 'H' sections and reinforced / pre stressed concrete piles. Operated from piling rig leaders or crane suspended, the CG range has the following important features:

- Total control of hammer stroke and blow rate.
- Allows precise matching of energy to suit the pile driving requirements.
- Optional, Digital readout of hammer performance in choice of units - (Stroke or Energy).
- Simple fast dolley changing.
- Cylinder and dropweight connection with shock absorber, easily accessible.
- Economical - Low Hydraulic power requirement.
- Available with BSP Hydropacks which conform to latest EC emissions regulations.
- Can drive Piles with ultimate load bearing up to 14,500 kN
- Suitable for driving Raked (Batter) Piles.

Performance Data	Ram Mass	Max. Impact Energy	Blow Rate @ rated energy	Operating Pressure	Hydraulic Flow Required
MODEL	kg	kNm	bpm	bar	L/min
CG185	12,000	185	34	260	385
CG240	16,000	240	31	285	370
CG300	20,000	300	29	290	415

CG210 (14T) & CG270 (18T) available to special order.
Performance related to use with BSP Hydropacks.

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Q05585

BSP: CG Hydraulic Hammer Range



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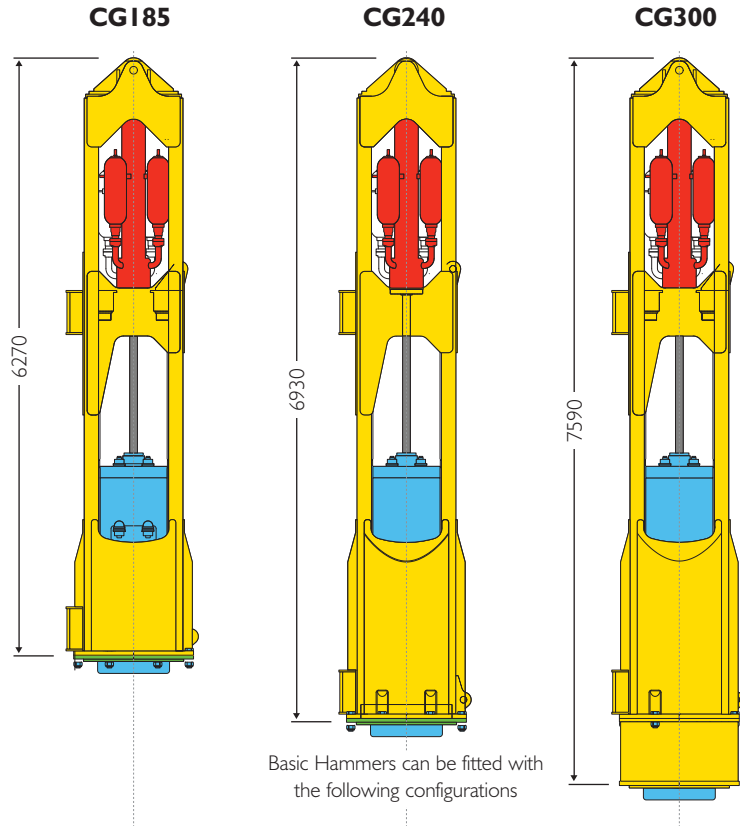
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Standard Drive Cap, Helmet & Pile Guide options.

Other options available upon request.

(Dimensions are mm)

Body Width for CG Hammers:
1250 sq



Pile Guide for use freely suspended, vertically or raked.
Versions available to suit:
1.5m max dia tubes or
2.0m max dia tubes.

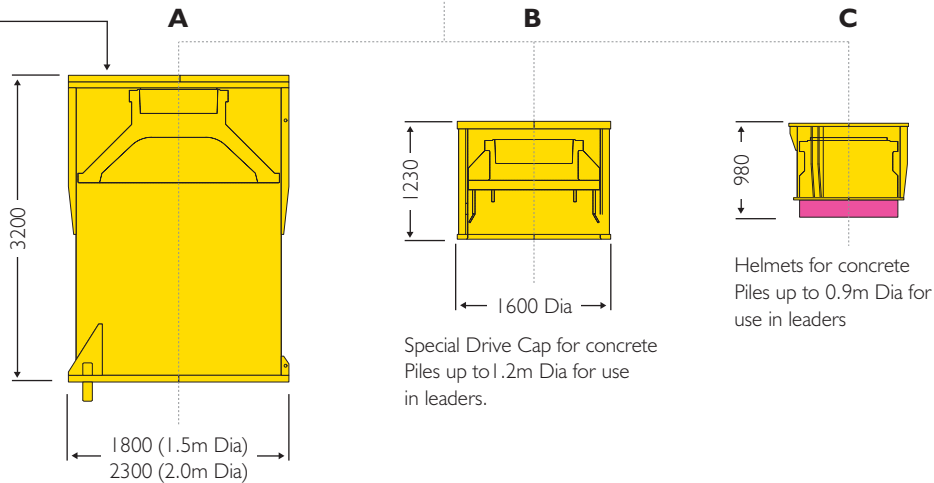




Table shows weights and dimensions for the hammer configurations that are illustrated above (weight includes typical drive cap or helmet)

Typical Dimensions	Basic Hammer	Hammer in configuration (A)		Hammer in configuration (B)		Hammer in configuration (C)	
		Total Length (mm)	Total Weight (kg)	Total Length (mm)	Total Weight (kg)	Total Length (mm)	Total Weight (kg)
MODEL	Weight (kg)						
CG185	19,100	9470 (Ø1.5m guide)	28,500	7500	22,300	7250	19,810
CG240	21,400	10130 (Ø2.0m guide)	33,000	8160	26,600	7910	24,110
CG300	26,100	10790 (Ø2.0m guide)	38,000	8820	31,300	8570	28,810

The above weights and dimensions are given as a typical guide only. Designs can vary to suit customer specific applications and pile type.

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In the interest of quality and performance, we reserve the right to amend specification at any time.

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