



# 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
- Simple fast dolley changing
- Cylinder and dropweight connection with shock absorber, easily accessible
- Economical - Low Hydraulic power requirement
- Available with BSP Hydropacks for optimum hammer performance
- 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
<b>CG180</b>	12000	176	34	180	380
<b>CG210</b>	14000	206	36	260	400
<b>CG240</b>	16000	235	34	280	400
<b>CG300</b>	20000	294	34	280	420

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

## BSP International Foundations Ltd

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Q05585

BSP: CG Hydraulic Hammer Range



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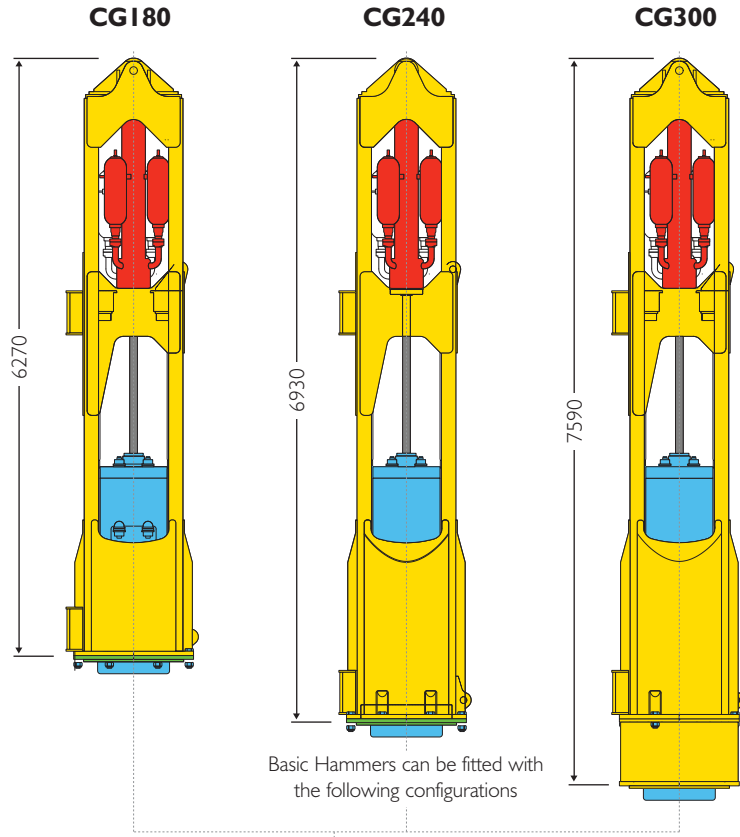
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**Standard Drive Cap, Helmet & Pile Guide options.**

**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,  
2.0m max dia tubes  
or 2.4 max dia tube

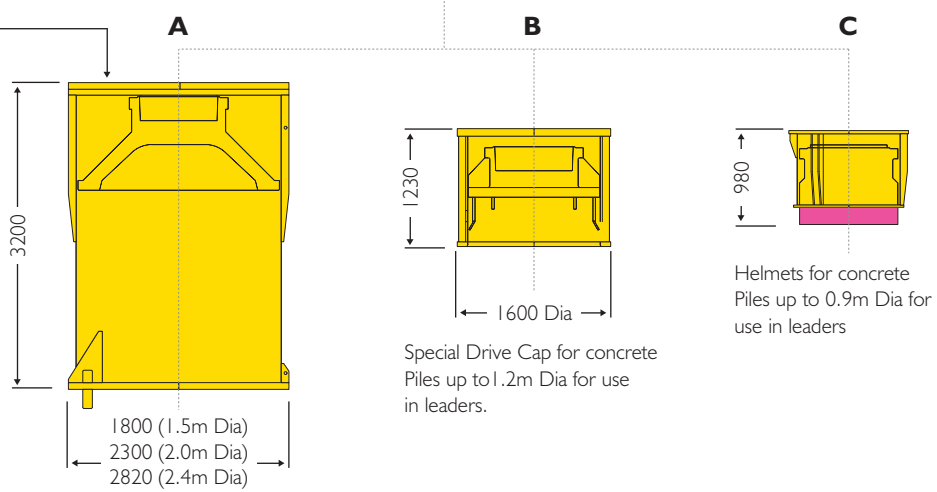


Table shows approximate weights and dimensions for the hammer configurations that are illustrated above (weight includes typical drive cap or helmet)

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)
<b>CG180</b>	17300	9050 (Ø1.5m guide)	23750	7500	23150	7250	20880
<b>CG210</b>	19350	9370 (Ø1.5m guide)	25800	7830	25200	7580	22930
<b>CG240</b>	21700	9810 (Ø2.0m guide)	34200	8160	27550	7910	25280
<b>CG300</b>	26000	11310 (Ø2.4m guide)	46000	8820	31850	8570	29580

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

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