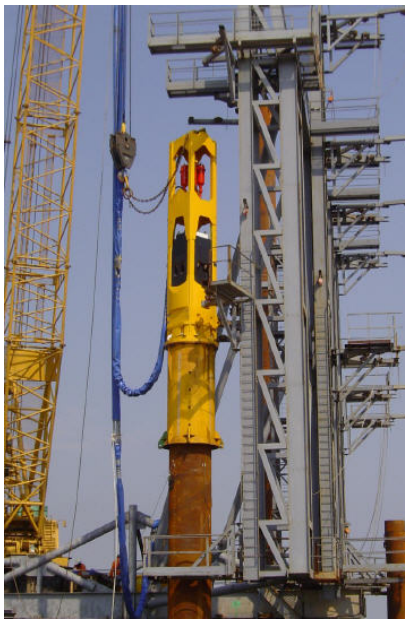
# CG TECHNICAL DATA

THE **POWER** TO PERFORM

BSP: CG Hydraulic Hammer Range



CG300 driving tubular piles from a jetty

CG300, mounted on barge mast driving steel tubular piles

CG300, Crane suspended, driving steel tubular 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.
Digital readout of hammer performance in choice of units - (Stroke or Energy).
Simple fast dolley changing.
Cylinder and dropweight resilient connection , easily accessible.
Economical - Low Hydraulic power requirement.
Available with BSP Hydropacks which conform to latest 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 | lb | ft.lbs | bpm | psi | gall/min |
| **CG185** | 26,450 | 132,240 | 34 | 3770 | 102 |
| **CG240** | 35,275 | 176,320 | 31 | 4130 | 98 |
| **CG300** | 44,080 | 220,440 | 29 | 4200 | 110 |

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

PACO Equipment | USA (WA/CA) - CANADA (Alberta / BC / Saskatchewan)
Corporate Office: 250 S. Webster Street Seattle, WA 98108 | 800.658.6379 | pacoequip.com

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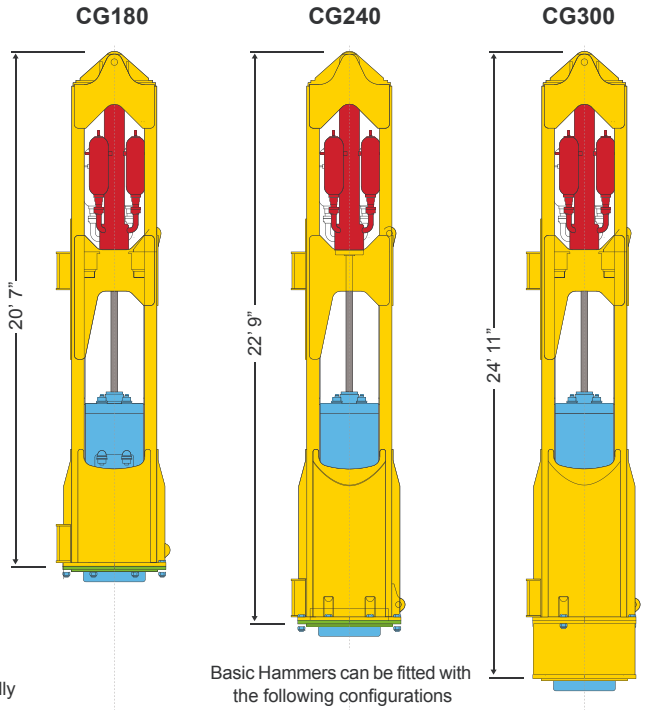
Standard Drive Cap,
Helmet & Pile Guide options.

Other options available
upon request.

(Dimensions are ft - in)

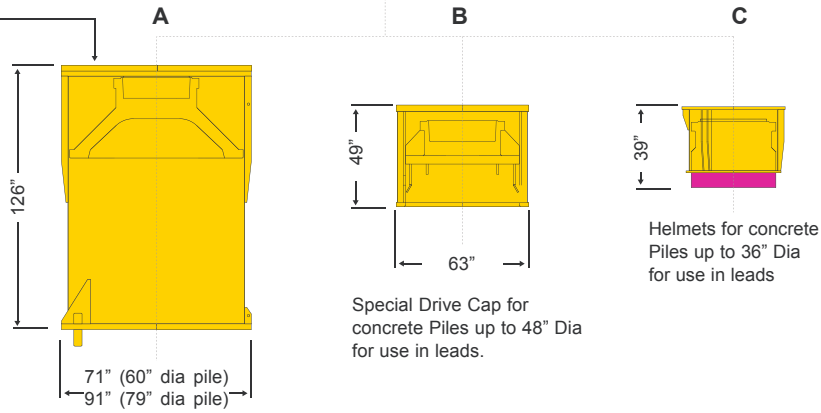
Max body width for CG hammer is 50” square.

Cage can be arranged to fit in 48” style US leads




Basic Hammers can be fitted with the following configurations

Pile Guide for use freely suspended, vertically or raked. Versions available to suit:
60” max dia tubes or
79” max dia tubes.




Special Drive Cap for concrete Piles up to 48” Dia for use in leads.

Helmets for concrete Piles up to 36” Dia for use in leads

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

| Typical Dimensions | Basic Hammer | Hammer in configuration (A) | | Hammer in configuration (B) | | Hammer in configuration (C) | |
|---|---|---|---|---|---|---|---|
| MODEL | Weight (lb) | Total Length (ft-in) | Total Weight (lbs) | Total Length (ft-in) | Total Weight (lbs) | Total Length (ft-in) | Total Weight (lb) |
| **CG185** | 42,100 | 31’-1” | 62,820 | 24’-8” | 49,150 | 23’-10” | 43,660 |
| **CG240** | 47,170 | 33’-3” | 74,074 | 26’-10” | 58,630 | 25’-11” | 53,140 |
| **CG300** | 57,530 | 35’-5” | 84,420 | 28’-11” | 69,000 | 28’-2” | 63,500 |

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

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