

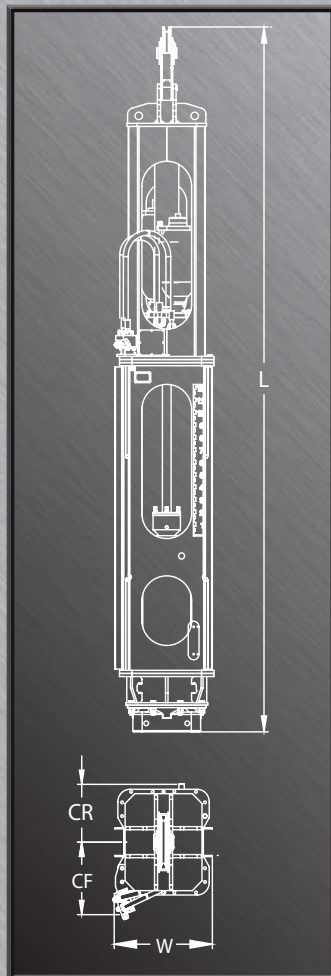
ICE® PILEMER MODEL IP3 (DKH-3U)

HYDRAULIC IMPACT PILE HAMMER



Simple, proven, reliable single-acting design
 Variable stroke ranges from 0.7' to 4' (200-1200mm)
 High-energy transfer for maximum production
 Variable stroke avoids damaging impact velocities
 to concrete (heavy ram, shorter stroke)

Equipped with box leads guides
 Uses ICE® power units, drive caps and leads
 Swinging, fixed and sliding leads available
 Spotters available for precise pile manufacturing
 Automatic or manual operations



Working Specifications

| | | |
|------------------|---------------|---------------|
| Ram weight | 6,600 lbs | 3 tonne |
| Maximum energy | 26,400 ft-lbs | 35 300 Nm |
| Minimum energy | 4,335 ft-lbs | 5 900 Nm |
| Stroke range | 0.7 - 4 ft | 200 - 1200 mm |
| Blows per minute | 48-100 | |

Weights

| | | |
|-----------------------------------|------------|----------|
| Hammer with sheave & cap | 12,000 lbs | 5 445 kg |
| Hydraulic hose with oil (60 m) | 1,700 lbs | 770 kg |
| Pile Insert (uses any ICE insert) | DCH-1 | |
| Pile insert weight | 780 lbs | 354 kg |
| Operating weight with drive cap | 14,480 lbs | 6 569 kg |

Dimensions

| | | |
|-----------------------------|------------|----------|
| Hammer Length (L) | 18-8 ft-in | 5 670 mm |
| Length with drive cap above | 19-3 ft-in | 5 800 mm |
| Overall width (W) | 40 in | 1 010 mm |
| Standard box leads | 26 in | 660 mm |
| Overall depth (CR+CF) | 32 in | 790 mm |
| Center line to rear (CR) | 16 in | 395 mm |
| Center line to front (CF) | 16 in | 395 mm |

Standard Power Unit ICE® 230G

| | | |
|------------------------|-----------|------------|
| Engine | CAT C6.6 | |
| EPA/EU standard | Tier 3 | Stage IIIA |
| Power | 225 HP | 168 kW |
| Flow (no load) for IP3 | 40 gpm | 150 lpm |
| Max. Pressure for IP3 | 3,300 psi | 225 bar |
| Weight | 9,310 lbs | 4 225 kg |
| Length | 110 in | 2 800 mm |
| Height | 77 in | 1 960 mm |
| Width | 58 in | 1 475 mm |

Constant improvement and engineering progress make it necessary that ICE®, Inc reserve the right to make specification changes without notice. Please consult ICE® for the latest available information.