

# ICE® PILEMER MODEL IP10 (DKH-10U)

## 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	22,000 lbs	10 tonne
Maximum energy	88,000 ft-lbs	117 700 Nm
Minimum energy	14,450 ft-lbs	19 600 Nm
Stroke range	0.7 - 4 ft	200-1200 mm
Blows per minute	40-100	

Weights		
Hammer with sheave & cap	38,000 lbs	17 240 kg
Hydraulic hose with oil (60 m)	1,700 lbs	770 kg
Pile insert (uses any ICE® insert)	DCC-20	
Pile insert weight	1590 lbs	720 kg
Operating weight with drive cap	41,290 lbs	18 730 kg

Dimensions		
Hammer length (L)	21-6 ft-in	6 550 mm
Length with drive cap above	22-11 in	6 985 mm
Overall width (W)	54 in	1 360 mm
Standard box leads	42 in	1 066 mm
Overall depth (CR + CF)	50 in	1 270 mm
Center line to rear (CR)	25 in	635 mm
Center line to front (CF)	25 in	635 mm

Standard Power Unit	ICE® 350G	
Engine	CAT C9	
EPA/EU standard	Tier 3	Stage IIIA
Power	350 HP	261 kW
Flow (no load) for IP10	70 gpm	260 lpm
Max. pressure for IP10	4,500 psi	305 bar
Weight	11,350 lbs	4 765 kg
Length	130 in	3 300 mm
Height	87 in	2 200 mm
Width	63 in	1 600 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.