

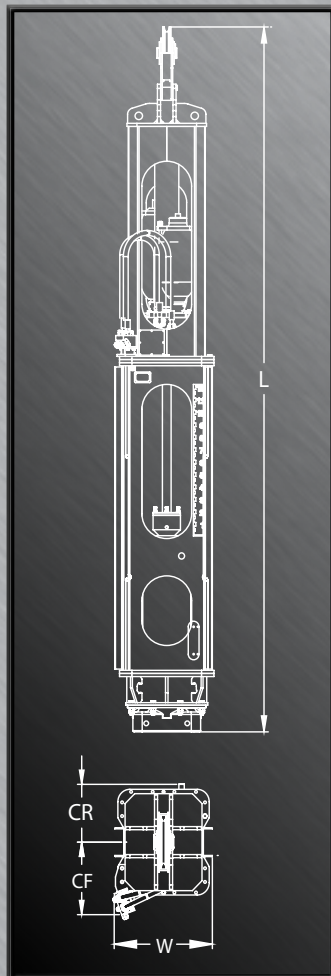
# ICE<sup>®</sup> MODEL IP7 (DKH-7U)

## 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<sup>®</sup> 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	15,400 lbs	7	tonne
Maximum energy	61,600 ft-lbs	82 400	Nm
Minimum energy	10,120 ft-lbs	13 700	Nm
Stoke Range	0.7-4 ft	200 - 1200	mm
Blows per min	40-100		

Weights			
Hammer with sheave & cap	26,000 lbs	11 795	kg
Hydraulic hose with oil (60 m)	1,700 lbs	770	kg
Pile Insert (uses any ICE <sup>®</sup> insert)	DCC-20		
Pile insert weight	1,590 lbs	720	kg
Operating weight with drive cap	23,290 lbs	13 285	kg

Dimensions			
Hammer Length (L)	21-3 ft-in	6 460	mm
Length with drive cap above	22-8 ft-in	6 910	mm
Overall width	44 in	1 120	mm
Standard box leads	32 in	814	mm
Overall depth (CR+CF)	35 in	890	mm
Center line to rear (CR)	17.5 in	445	mm
Center line to front (CF)	17.5 in	445	mm

Standard Power Unit		ICE <sup>®</sup> 230G	
Engine	CAT C6.6		
EPA/EU standard	Tier 3	Stage IIIA	
Power	225 HP	168 kW	
Flow (no load) for IP2	50 gpm	192 lpm	
Max. pressure for IP2	4,500 psi	275 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<sup>®</sup>, Inc reserve the right to make specification changes without notice. Please consult ICE<sup>®</sup> for the latest available information.

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