

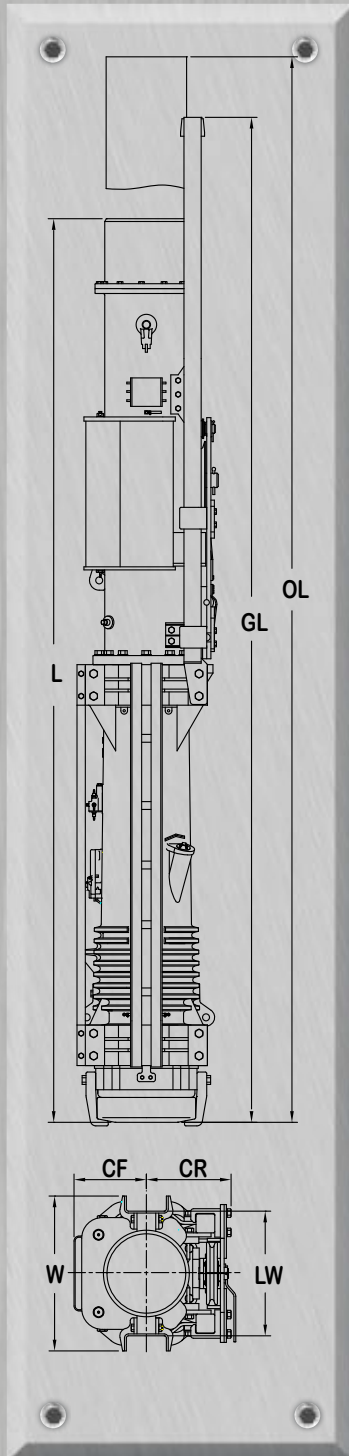
ICE® MODEL D19-42

DIESEL PILE HAMMER



Simple, reliable design
Automatic lubrication
Optional variable fuel control
Optional hydraulic trip

Equipped with ICE® Box leads guides
Uses standard ICE® drive caps
Swinging, fixed and sliding leads available
Spotters available for precise pile positioning



Working Specifications

Ram weight	4,015	lbs	1 820	kg
Rated energy (fuel setting 4)	42,480	ft-lbs	57 595	Nm
Stroke at rated energy (fuel setting 4)	10.6	feet	3 225	mm
Energy at fuel setting 3	35,260	ft-lbs	47 800	Nm
Energy at fuel setting 2	28,035	ft-lbs	38 010	Nm
Energy at fuel setting 1	21,510	ft-lbs	29 160	Nm
Energy at maximum stroke	52,660	ft-lbs	71 400	Nm
Maximum geometric stroke	13.1	feet	4 000	mm
Blows per minute	37-52			
Maximum batter without extension	1:3			
Maximum batter with extension	1:1			

Weights

Bare hammer with trip	8,755	lbs	3 970	kg
Hammer with box lead guides	10,045	lbs	4 555	kg
Drive cap base	DCB-1			
Drive cap base weight	1,065	lbs	483	kg
Striker plate	460	lbs	209	kg
Cushion material	55	lbs	25	kg
Pile insert	DCH-1			
Pile insert weight	780	lbs	345	kg
Operating weight with drive cap above	12,405	lbs	5 617	kg

Capacities

Fuel tank	18.8	gal	71	l
Lube oil tank	5.3	gal	20	l

Dimensions

Hammer length (L)	18.4	ft	5 590	mm
Length with trip guides (GL)	19.1	ft	5 815	mm
Length at max stroke (OL)	26.0	ft	7 910	mm
Width, usually trip (TW)	24.5	in	622	mm
Standard box leads width (LW)	21	in	534	mm
Overall depth (CR + CF)	30.0	in	762	mm
Centerline to rear (CR)	14.0	in	356	mm
Centerline to front (CF)	16.0	in	406	mm

DH-D19-42-Mar 2012

INTERNATIONAL CONSTRUCTION EQUIPMENT, INC.

Corporate offices: 301 Warehouse Drive, Matthews, NC USA
Phones: 888 ICEUSA1, 704 821-8200

info@iceusa.com
www.iceusa.com