

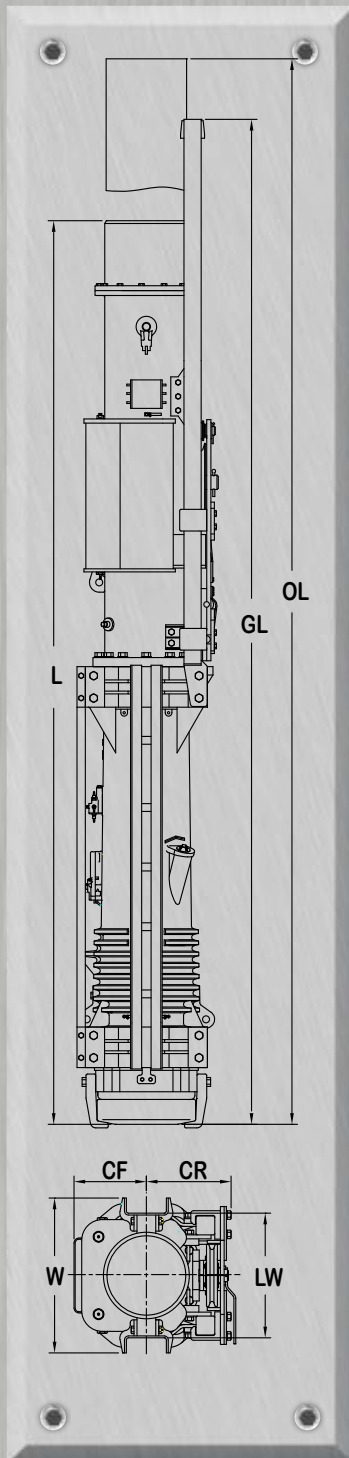
ICE® MODEL D12-42

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	2,820	lbs	1 280	kg
Rated energy (fuel setting 4)	29,840	ft-lbs	40 450	Nm
Stroke at rated energy (fuel setting 4)	10.6	feet	3 225	mm
Energy at fuel setting 3	24,760	ft-lbs	33 570	Nm
Energy at fuel setting 2	19,690	ft-lbs	26 700	Nm
Energy at fuel setting 1	15,000	ft-lbs	20 340	Nm
Energy at maximum stroke	37,080	ft-lbs	50 275	Nm
Maximum geometric stroke	13.1	feet	4 000	mm
Blows per minute	37-52			
Maximum batter without extension	1:2			
Maximum batter with extension	1:2			

Weights

Bare hammer with trip	6,890	lbs	3 125	kg
Hammer with box lead guides	8,165	lbs	3 705	kg
Drive cap base	DCB-20			
Drive cap base weight	760	lbs	345	kg
Striker plate	250	lbs	114	kg
Cushion material	30	lbs	14	kg
Pile insert	DCH-1			
Pile insert weight	780	lbs	354	kg
Operating weight with drive cap above	9,985	lbs	4 532	kg

Capacities

Fuel tank	6.3	gal	24	l
Lube oil tank	1.7	gal	6.5	l

Dimensions

Hammer length (L)	18.3	ft	5 560	mm
Length with trip guides (GL)	19.2	ft	5 850	mm
Length at max stroke (OL)	23.9	ft	7 275	mm
Width, usually trip (TW)	24.5	in	622	mm
Standard box leads width (LW)	21	in	534	mm
Overall depth (CR + CF)	29.0	in	737	mm
Centerline to rear (CR)	14.0	in	356	mm
Centerline to front (CF)	15.0	in	381	mm

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