

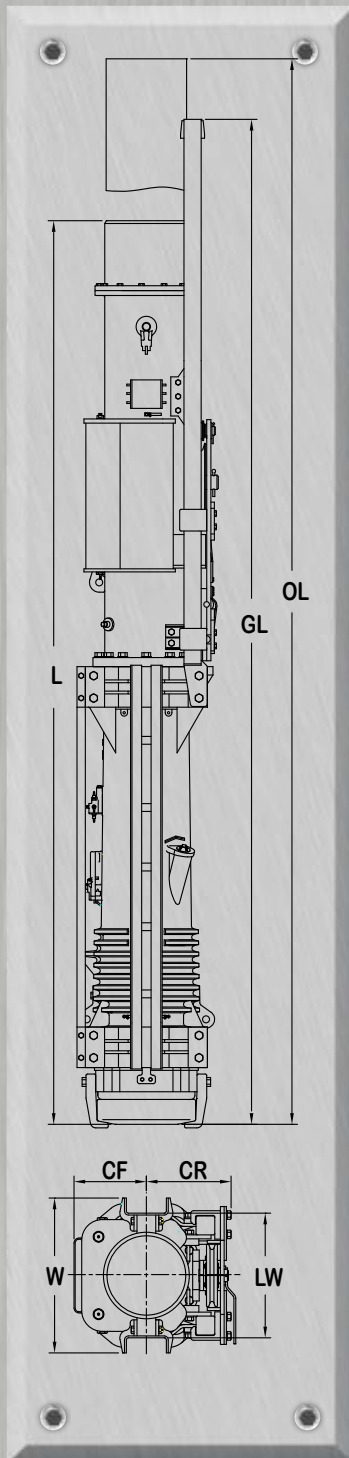
ICE® MODEL D100-13

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	22,045	lbs	10 000	kg
Rated energy (fuel setting 4)	46,390	ft-lbs	334 100	Nm
Stroke at rated energy (fuel setting 4)	11.2	feet	3 400	mm
Energy at fuel setting 3	221,010	ft-lbs	299 700	Nm
Energy at fuel setting 2	190,210	ft-lbs	257 900	Nm
Energy at fuel setting 1	157,685	ft-lbs	213 800	Nm
Energy at maximum stroke	337,470	ft-lbs	457 500	Nm
Maximum geometric stroke	15.3	feet	4 665	mm
Blows per minute	36-45			
Maximum batter without extension	1:5			
Maximum batter with extension	1:1			

Weights

Bare hammer with trip	44,900	lbs	20 360	kg
Hammer with box lead guides	48,470	lbs	21 990	kg
Drive cap base	DHC-30HD			
Drive cap base weight	6,415	lbs	2 910	kg
Striker plate	1,410	lbs	640	kg
Cushion material	192	lbs	87	kg
Pile insert				
Pile insert weight		lbs		kg
Operating weight with drive cap above	56,487	lbs	25 627	kg

Capacities

Fuel tank	41	gal	155	l
Lube oil tank	8.5	gal	32	l

Dimensions

Hammer length (L)	24.2	ft	7 365	mm
Length with trip guides (GL)	27.8	ft	8 455	mm
Length at max stroke (OL)	34.2	ft	10 400	mm
Width, usually trip (TW)	47.5	in	1 206	mm
Standard box leads width (LW)	42	in	1 067	mm
Overall depth (CR + CF)	49.0	in	1 244	mm
Centerline to rear (CR)	26.0	in	660	mm
Centerline to front (CF)	23.0	in	584	mm

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