

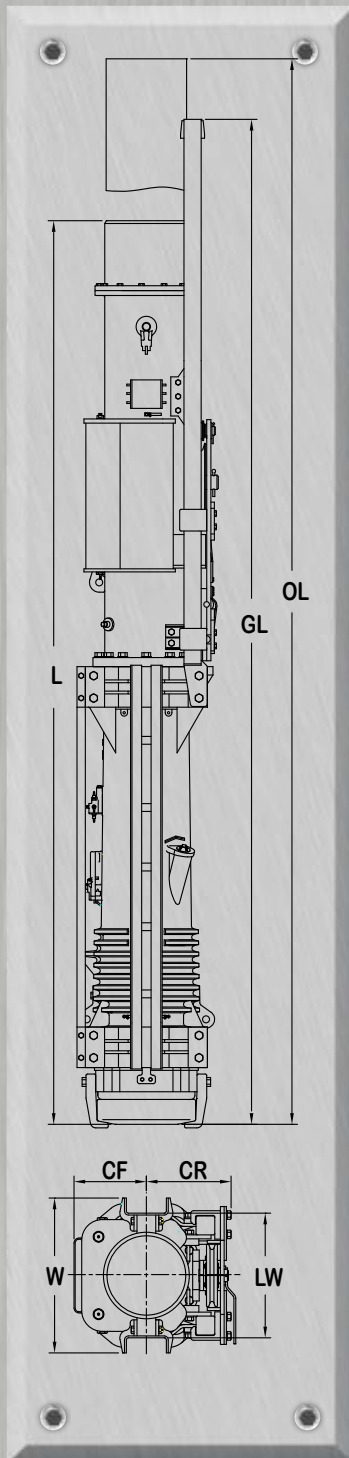
ICE® MODEL D80-32

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	17,640	lbs	8 000	kg
Rated energy (fuel setting 4)	197,150	ft-lbs	267 300	Nm
Stroke at rated energy (fuel setting 4)	11.2	feet	3 400	mm
Energy at fuel setting 3	176,840	ft-lbs	239 800	Nm
Energy at fuel setting 2	145,100	ft-lbs	196 730	Nm
Energy at fuel setting 1	126,180	ft-lbs	171 100	Nm
Energy at maximum stroke	262,000	ft-lbs	355 200	Nm
Maximum geometric stroke	14.8	feet	4 525	mm
Blows per minute	36-45			
Maximum batter without extension	1:2			
Maximum batter with extension	1:1			

Weights

Bare hammer with trip	39,100	lbs	17 720	kg
Hammer with box lead guides	42,650	lbs	19 350	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	50,667	lbs	22 987	kg

Capacities

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

Dimensions

Hammer length (L)	23.7	ft	7 205	mm
Length with trip guides (GL)	27.3	ft	8 300	mm
Length at max stroke (OL)	30.7	ft	9 360	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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