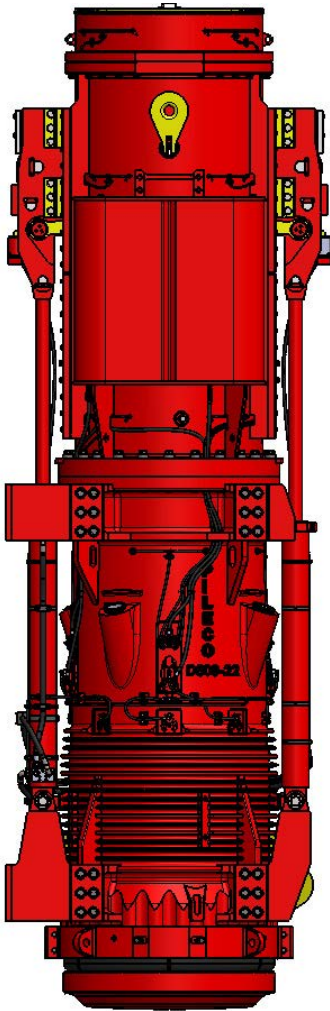


Specifications: D 800-22 Diesel Pile Hammer



Dimensions approx:

Length of Hammer:	A	9407 mm	30' 10.4"
Outer dia. of Impact Block:	B	1980 mm	6' 6"
Width of Hammer:	C	3043 mm	9' 11.8"
Depth of Hammer:	D	1530 mm	5' 0.24"
Guiding Width (minimum)		2286 mm	7' 6"

Weights approx:

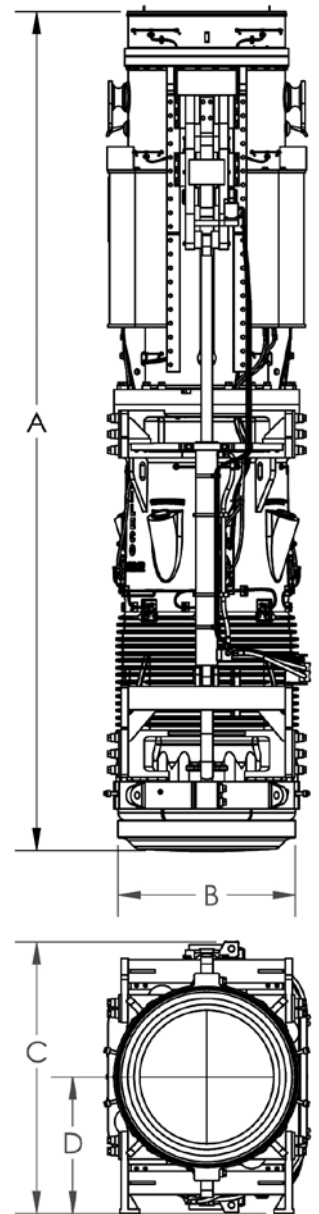
Weight of Diesel Hammer:	187 US tons	374,786 lbs
Weight of Piston:	80,000 kg	176,370 lbs
Weight of Impact Block:	27,386 kg	60,375 lbs

Energy per blow

Max:	2,665 kNm	1,965,603 ft lbf
Min:	1,726 kNm	1,272,295 ft lbf
By free-drop piston:	1,400 kNm	1,032,587 ft lbf
Number of blows:	36-45 min	

Piston Stroke

Diesel Pile Hammer run:	3.4 m – 2.2 m	11.2 ft – 7.2 ft
By free-drop piston:	1.8 – 0	5.9 ft – 0
Max. gradient of batter pile driven:	± 11.3 °	5:1



Consumption

Diesel fuel:	215 L hr.	.947 gpm
Lubrication oil:	8.5 L hr.	.37 gpm

Volume

Diesel oil tank:	1,750 L	462.30 gal
Lube tank:	68.5 L	18.09 gal

Hydraulic Lifting System

Working pressure:	20 MPa	2900 psi
Max. hydraulic flow:	250 L min	66.04 gpm
Travel of lifting cylinder:	2,100 mm	83 in.