

Diesel Pile Hammers

Technical Data

		D36-32	D46-32	D62-22	D80-23
Impact weight (piston)	kg	3600	4600	6200	8000
	lbs	7,940	10,140	13,640	17,600
Energy per blow max. - min.	kNm	123-56	166-71	224-107	288-171
	ft-lbs	90,720-41,300	122,435-52,370	165,215-78,920	212,420-126,125
Number of blows	min-1	36-53	35-53	35-50	35-45
Suitable for driving piles (depending on soil and pile)	t	2,5-12	3-16	4-30	6-60
	US tons	2.2-13.2	3.3-17.6	4.4-33.1	6.6-66.1
Consumption					
Diesel oil	l/h	11,5	16	20	25
	gal/h	2.53	3.52	4.4	5.5
Lubricant	l/h	1,5	1,5	2	2,6
	gal/h	0.33	0.33	0.44	0.57
Tank capacity					
Diesel oil tank	l	89	89	98	155
	gal	23.5	23.5	25.9	40.9
Lube tank	l	17	17	31,5	32
	gal	4.5	4.5	8.3	8.5
Max. rope diameter for deflector sheave of tripping device (* reeved twice)	mm	38	38	38	30*
	in	1.5	1.5	1.5	1.2*
Max. inclined pile driving without / with extension		1:5 / 1:1	1:5 / 1:1	1:2 / 1:1	1:5 / 1:2
Weight					
Diesel pile hammer	kg	8200	9300	12250	16905
	lbs	18,060	20,485	26,950	37,190
Tripping device	kg	450	450	450	750
	lbs	992	992	992	1,650

Technical Data

		D100-13	D150-42	D200-42
Impact weight (piston)	kg	10000	15000	20000
	lbs	22,000	33,000	44,000
Energy per blow max. - min.	kNm	360-214	512-329	682-436
	ft-lbs	265,520-157,840	377,630-242,660	503,036-321,580
Number of blows	min-1	35-45	36-45	36-45
Suitable for driving piles (depending on soil and pile)	t	7-100	12-160	14-250
	US tons	7.7-110.2	13.2-176.4	15.4-275.6
Consumption				
Diesel oil	l/h	30	50	60
	gal/h	6.6	11	13.2
Lubricant	l/h	2,6	4,8	5,8
	gal/h	0.57	1	1.3
Tank capacity				
Diesel oil tank	l	155	310	430
	gal	40.9	81.9	113.6
Lube tank	l	32	45	80
	gal	8.5	11.9	21.1
Max. rope diameter for deflector sheave of tripping device (* reeved twice)	mm	30*	36*	36*
	in	1.2*	1.4*	1.4*
Max. inclined pile driving without / with extension		1:5 / 1:2	1:5 / 1:2	1:5 / 1:3
Weight				
Diesel pile hammer	kg	20720	28450	51800
	lbs	45,585	62,590	113,960
Tripping device	kg	750	1850	1850
	lbs	1,650	4,070	4,070