



# American Piledriving Equipment, Inc.

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## APE Diesel Hammers Energy Chart Depending on Blows Per Minute

Stroke (feet)	Blows per Minute	Energy (ft-lbs)												
		D8-22 1760	D12 2640	D16-42 3530	D19-42 4190	D25-32 5512	D30-32 6615	D36-32 7938	D46-32 10143	D62-22 14600	D80-23 19500	D100-13 26000	D125-13 27563	D150-13 33075
4.00	60		10,560	14,120	16,760	22,048	26,460	31,752						
4.17	59		11,009	14,720	17,472	22,985	27,585	33,101						
4.33	58		11,431	15,285	18,143	23,867	28,643	34,372						
4.50	57		11,880	15,885	18,855	24,804	29,768	35,721						
4.67	56		12,329	16,485	19,567	25,741	30,892	37,070						
4.83	55		12,751	17,050	20,238	26,623	31,950	38,341						
5.00	54		13,200	17,650	20,950	27,560	33,075	39,690						
5.17	53		13,649	18,250	21,662	28,497	34,200	41,039						
5.33	52	9,381	14,071	18,815	22,333	29,379	35,258	42,310	54,062					
5.50	51	9,680	14,520	19,415	23,045	30,316	36,383	43,659	55,787					
5.75	50	10,120	15,180	20,298	24,093	31,694	38,036	45,644	58,322	83,950				
6.00	49	10,560	15,840	21,180	25,140	33,072	39,690	47,628	60,858	87,600				
6.25	48	11,000	16,500	22,063	26,188	34,450	41,344	49,613	63,394	91,250				
6.50	47	11,440	17,160	22,945	27,235	35,828	42,998	51,597	65,930	94,900				
6.83	46	12,021	18,031	24,110	28,618	37,647	45,180	54,217	69,277	99,718	133,185	177,580	188,255	225,902
7.17	45	12,619	18,929	25,310	30,042	39,521	47,430	56,915	72,725	104,682	139,815	186,420	197,627	237,148
7.50	44	13,200	19,800	26,475	31,425	41,340	49,613	59,535	76,073	109,500	146,250	195,000	206,723	248,063
7.83	43	13,781	20,671	27,640	32,808	43,159	51,795	62,155	79,420	114,318	152,685	203,580	215,818	258,977
8.17	42	14,379	21,569	28,840	34,232	45,033	54,045	64,853	82,868	119,282	159,315	212,420	225,190	270,223
8.58	41	15,101	22,651	30,287	35,950	47,293	56,757	68,108	87,027	125,268	167,310	223,080	236,491	283,784
9.00	40	15,840	23,760	31,770	37,710	49,608	59,535	71,442	91,287	131,400	175,500	234,000	248,067	297,675
9.50	39	16,720	25,080	33,535	39,805	52,364	62,843	75,411	96,359	138,700	185,250	247,000	261,849	314,213
10.00	38	17,600	26,400	35,300	41,900	55,120	66,150	79,380	101,430	146,000	195,000	260,000	275,630	330,750
10.50	37		27,720	37,065	43,995	57,876	69,458	83,349		153,300	204,750	273,000	289,412	347,288
11.17	36		29,489	39,430	46,802	61,569	73,890	88,667		163,082	217,815	290,420	307,879	369,448
11.80	35											306,800	325,243	390,285
12.50	34											325,000		
13.30	33											345,800		