

Sound Power	Theoretical average sound pressure level [dB(A)]									
	SWA	1m	3m	4m	5m	7m	8m	9m	15m	16m
80	72	62.5	60	58	55.1	54	53	48.5	47.9	42.3
85	77	67.5	65	63	60.1	59	58	53.5	52.9	47.3
90	82	72.5	70	68	65.1	64	63	58.5	57.9	52.3
95	87	77.5	75	73	70.1	69	68	63.5	62.9	57.3
100	92	82.5	80	78	75.1	74	73	68.5	67.9	62.3
105	97	87.5	85	83	80.1	79	78	73.5	72.9	67.3
110	102	92.5	90	88	85.1	84	83	78.5	77.9	72.3
115	107	97.5	95	93	90.1	89	88	83.5	82.9	77.3
120	112	102.5	100	98	95.1	94	93	88.5	87.9	82.3
134	128	116.5	114	112	104.1	108	107	102.5	101.9	96.3

Use table above to convert sound power level to sound pressure level making note of distances.

AVERAGE SOUND LEVELS						
MAKE	TPYE	IK No	SOUND PRESSURE LEVEL dB(A)	SOUND POWER LEVEL SWA	IN CAB SOUND PRESSURE	ADDITIONAL
GIKEN ALL TYPES	SHEET PILING		72			POWER PACK
THW 4019D	CFA RIG	1306	95			
IHI CCH 300T	CRAWLER CRANE	1166	95			
IHI CCH 500T	CRAWLER CRANE	1163	95			
IHI CCH 500T	CRAWLER CRANE	1162	95			
HITACHI ZX350 LC-6	EXCAVATOR	1080		105		
DAEWOO 255LCV	EXCAVATOR	77		105	74	
DOOSAN DX210W	EXCAVATOR	198	101		70	
DELMAG D19	HAMMER	115	116		N/A	7M FROM SOURCE
JCB JS 160	EXCAVATOR	133	99		72	
JCB JS 360	EXCAVATOR	132		106		
MOVAX		N/A	95			WILL VARY-PILE TYPE
MOVAX DH 25	HAMMER	1135	89-110			5M FROM SOURCE
TM 14-17-B		111		118		
DOOSAN DX340 LC		79	105		73	
RTG RT21T		1325	123	134		
RTG RT21T		1544	123	134		
CAT TM13-16SL	RIG	85		119		
IHI CCH 700T	CRAWLER CRANE	93	97			
IHI CCH 700T	CRAWLER CRANE	117	97			YARD
JCB JS 180			99		72	