

# chalcroft construction

## Vibration Safety Guide

EQUIPMENT	VIBRATION	EQUIPMENT	VIBRATION	EQUIPMENT	VIBRATION
<b>SANDERS</b>		<b>2 STROKE BREAKERS</b>		<b>METAL CUTTING/FABRICATION</b>	
Floor Sander	2.5	Cobra 2 Stroke Breaker	2.5	Hand Held Threader 110v Rems	2.5
Bolt Sander	2.5	Wacker BH23	12.8	Bevel Cutter	2.5
Orbital Sander	5			Hole Cutting Saw	2.5
Edge Sander	2.5	<b>CONCRETING</b>		Powered Pipe Cutter	2.5
Disc Sander	2.5	Vibrating Poker 1"	4	Rebar Cutter/Bender	2.5
Wood Plane	2.5	Vibrating Poker 1.5"	5	Cordless Stud Cutter (Hitachi CL10D2)	2.5
Router	2.5	Vibrating Poker 2"	7	Portable Power Bender	2.5
Laminate Trimmer	2.5	Vibrating Poker 3"	5.5	Mini Conduit Threader	2.5
Finishing Sander	<2.5	High Frequency Poker 110v	2.5		
		Air Driven Poker 110v	4.5	<b>GARDEN MACHINERY</b>	
<b>SAWING/CUTTING/GRINDING</b>		High Frequency Poker 8m x 57mm	2.5	2 Stroke Chainsaw	9
6"-9" Circular Saw	2.5	High Frequency Poker 5m x 57mm	2.5	Rotavator	7.1
Jigsaw	3.2	High Frequency Poker 5m x 45mm	2.5	Cultivator	2.1
Arbortech TCT Saw	6.9	High Frequency Poker 5m x 38mm	2.5	2 Stroke Brush Cutter	2.5
Door Trimming Saw	3.4	High Frequency Poker 5m x 57mm	2.5	2 Stroke Hedge Cutter	3.5
Cut Off Saw	2.5	Easy Screed	1.5	Turf Cutter Petrol	2.1
4 _ Mini Grinder	2.5	Powered Float	6.6	Long Handled Hedge Trimmer (2-St)	2.5
7"-9" Grinder	7.5	Power Trowel Electric	2.5	Powered Sweeper 2-Stroke	7.6
12" Grinder	7.5	Vibrating Screed	5.3		
2 Stroke 12" Cutter	5.5	Roller Striker Hydraulic	4	<b>CONCRETE CUTTING/DRILLING HYDRAULIC</b>	
Metal Shears	3.2	Roller Striker Air	4	Diamond Core Drill Hydraulic	2.5
Nibbler	2.5			Masonry Chainsaw Hydraulic	3.5
Heavy Duty Nibbler	2.5	<b>SURFACE PREPARATION</b>		Diamond Core Drill Hydraulic	3
Pipe Saw 110v	16	Floor Polisher Scrubber	2.1	<b>REDUCE THE RISK OF VIBRATION EXPOSURE</b>	
Tryanosaw	4	Surface Preparation Refina	1.67	<ol style="list-style-type: none"> <li>1. Check if the job can be done another way.</li> <li>2. Take advice and use the best tools. When hiring ask for vibration reduced equipment.</li> <li>3. Always follow safety operating instructions provided with equipment.</li> <li>4. Avoid the use of blunt drill bits, points and chisels.</li> <li>5. Only use tools that are regularly serviced.</li> <li>6. Keep warm and wear gloves.</li> </ol>	
Metal Cutting Circular Saw	2.3	Floor Scrubber Dryer	1.4		
Biscuit Jointer	2.5	Concrete Planer	2.5		
Rotary Scabblers	2.5	Small Multi Stripper	16.7		
Reciprocating Saw	8	Large Multi Stripper	13.4		
Jigsaw Cordless	8	Tile Lifter MS330	13.42		
Powered Stone Splitter	2.5	FR200 Petrol De-Chipper	4	<b>HAND ARM VIBRATION SAFETY CHART</b>	
Cordless Trim Saw	2.5	Surface Blaster	2.4	<b>Vibration Value (ELV) (m/s<sup>2</sup>)</b>	
Cut Off Saw TCT	2.5	Paint & Artex Remover	2.1	<b>Max Usage Period in 8 Hrs (mins)</b>	
Band Saw	2.5				
Metal Cutting Saw 230mm	3.9	<b>COMPACTION PLATES/RAMMERS</b>			
Precision Laminate Saw	2.5	Trench Rammer	3.5		
		18" Petrol Plate	6.9		
		Forward/Reverse Diesel	4.9		
		Lightweight Plate	4.7		
<b>ROTARY HAMMER DRILLS</b>		<b>AIR BREAKERS/AIR DRILLS/AIR TOOLS</b>			
General Purpose Drill	4	Air Pick 15kg - Low Vibration	6.5		
Heavy Duty Drill	2.5	Demo Pick 9kg - Low Vibration	8.9		
Right Angle Drill	2.5	Breaker 27kg - Low Vibration	3.4 to 4.6		
2.2kg Cordless Drill	8				
3.9kg SDS	11	<b>MEGA MIXER</b>			
5.9kg Combi Hammer	6.5	Mega Mixer	2.1		
7.9kg Combi Hammer	7				
2.3kg SDS Light Duty	10	<b>FLOOR SAWS</b>			
Dry Diamond Drill 110v	7	14" Petrol Floor Saw	1.9		
4.2kg Cordless Drill	11	18" Petrol Floor Saw	4.5		
Dry Diamond Drill 240v	7	Radial Arm Saw Masonry	2.5		
4.7kg Cordless Drill	5	Masonry Saw Bench Petrol	4.6		
		Masonry Saw Bench 110v	4		
<b>IMPACT WRENCHES/SCREW DRIVERS</b>		Diamond Tile Saw	2.5		
TEK Gun	2.5				
Screwdriver 110v	2.5	<b>WALL CHASERS</b>			
Electric Impact Wrench	7	Twin Blade Wall Chaser	2.5 to 4		
Drywall Auto Feed Screwdriver	2.5				
Cordless Impact Driver	12	<b>ELECTRIC BREAKERS</b>			
		<b>SCABBLERS/NEEDLE GUNS</b>			
Light Duty Demo Hammer 5kg	10	Needle Gun Standard	12.2		
Med Duty Demo Breaker 29kg	14	Single Headed Hand Scabblers-(ST)	8.5		
Heavy Duty Breaker 29kg	13	Triple Headed Hand Scabblers-(ST)	9.9 to 15		
TE704	11	Pole Scabblers	24		
Med Duty Demo Hammer 11kg (AV)	8	Needle Gun Low Vibration	5.5		
		Single Headed Hand Scabblers-(LV)	5.5		
<b>HYDRAULIC BREAKERS</b>		Triple Headed Hand Scabblers-(LV)	4.1		
Heavy Duty Gun 25kg (VD)	5.5	Pole Scabblers - Anti Vibration	3.5		
Light Duty Gun 22kg (VD)	5.5				

**KEY:** **RED (High)** **AMBER (Medium)** **Green (Low)**

**PLEASE NOTE:**

Makes and models may differ, in these cases the highest value is given.