












	"New" Guarda Edge Power Cutter	Petrol Wet Cutting	Electric Wet Cutting Normal Frequency	Electric Wet Cutting High Frequency 1 phase	Electric Wet Cutting High Frequency 3 phase	"NEW" Battery Saw	"NEW" Petrol Dry Cutting with Dust Control	Electric Dry Cutting with Dust Control Blade Enclosed	Electric Dry Cutting with Dust Control	
										
Dust Control Method	Water & Vacuum 	Uses water with no vacuum					Dry dust extraction HEPA Filtration with Filter cleaning >2Kw 			
Saw Rated Power (Kilowatts)	4.2Kw	3-5Kw	2-2.3Kw	2-2.4Kw	5-7Kw	2.2Kw ^{*refer note 1}	3.7Kw	2-2	2-2.3Kw	
Blade Size	380mm/15"	400mm/16"	350mm/14"	400mm/16"	400mm/16"	350mm/14"	300mm/12"	300mm/12".3Kw	350mm/14"	
Depth of cut	150mm/6"	150mm/6"	125mm/5"	150mm/6"	150mm/6"	125mm/5"	122mm/4.75"	120mm/4.5"	125mm/5"	
List Price with Vacuum (approx.\$AU)	\$3000-\$3500	\$1200-\$2500	\$1200-\$2500	\$10,000-15,000	\$10,000-15,000	\$2000 - \$4500	\$4000 - >\$6500	\$4000 - >\$6500	\$4000 - >\$6500	
Electrical Power Requirements (Kilowatts and Phase) ^{*refer note 2}	2KW 1p 1 x 10Amp	N/A	2.2Kw 1P 1 X 10Amp	3.6KW 1P 15Amp	7Kw 3P	Battery Charger	>2.2Kw 1P	>4.6KW 1P 2x 10Amp	>4.6KW 1P 2x 10Amp	
Silica Crystalline Dust Control ^{*refer note 3}										
Slurry Control ^{*refer note 4}							N/A	N/A	N/A	
Fumes Control ^{*refer note 5}			N/A	N/A	N/A	N/A		N/A	N/A	
Potential exposure to Electric Shock ^{*refer note 6}	N/A	N/A					N/A	N/A	N/A	
Residue Collection & Disposal ^{*refer note 8}										
Cutting Economics ^{*refer note 9}	^{*refer note 10}									

Notes:

- 1: Not advertised. Based on the 72 Volt 6AH battery lasting 12 minutes
- 2: Higher Power requirements may involve additional costs
- 3: Water control superior to vacuum. Water & Vacuum is best.
- 4: Contained vs released during cutting
- 5: Contained vs released during cutting

- 6: Combination of water and electricity creates a potential for electric shock
- 7: Slurry, dust, fumes
- 8: Slurry or Dust. When used dry the Vacuum may have special requirements for cleaning filters safely
- 9: Calculated by Purchase cost, Consumables cost, Equipment Life, Maintenance costs, Speed of cutting
- 10: Guarda Edge Powercutter. Operating in a cleaner environment lowers maintenance costs

Relative Rating Score

