

## Cutting Capacity Comparison Sheet

Brand	WeldKing	Miller	Hypertherm	Thermadyne
Model	ThunderCut65	Spectrum® 875	Powermax65	Cutmaster82
Rated Output(A)	65	60	65	80A
Duty Cycle (%)	60%	50%	40%	0.4
Recommend speed for 1in mild steel(IPM)	14	10	10	8
Recommend speed for 7/8in mild steel(IPM)	n/a	11	n/a	11
Recommend speed for 1/2 in mild steel(IPM)	50	34	n/a	36
Severance	38mm(1 1/2 inch) at 100mm/min (4 IPM)	1-1/4" (32mm) at 3 IPM (75 mm/min.)	1-1/4" (32 mm) at 5IPM(125 mm/min.)	n/a
Pierce	15.8mm (5/8in)	11mm(7/16in)	15.8mm (5/8in)	15.8mm (5/8in)
Gouging	6 lbs. (2.8kg)/hour	n/a	10.7 lbs. (4.8 kg) /hour	n/a