

**Table I : Type 30 cutting nozzles typical performance parameters (Can be used in model 100 torc**

Cutting nozzle No.	Cutting oxygen aperture (mm)	Cutting thickness (mm)	Cutting thickness (inch)	Oxygen press (Mpa)	Oxygen consumption (m³/h)	Petrol/gasoline (L/hour)	Petrol/Gasoline consumption (Gal/hour)	Cutting speed mm/min
1#	0.7	1-10	1/2	0.25	0.8-1.0	0.44-0.88	0.11-0.23	700-600
2#	0.9	10-20	1/2-3/4	0.3	1.2-1.4	0.55-0.99	0.14-0.26	650-500
3#	1.1	20-30	3/4-1.5	0.35	1.6-2.2	0.88-1.21	0.23-0.32	550-400

**Table II: Type 100 cutting nozzle typical performance parameters. (Can be used in model 100 & 3**

1#	1	10-25	1/2-1	0.35	1.4-2.2	0.77-1.10	0.2-0.29	600-500
2#	1.3	25-50	1-2	0.4	2.4-4.0	0.99-1.32	0.26-1.3	450-340
3#	1.6	50-100	2-4	0.5	5.0-7.0	1.10-1.76	0.3-0.46	360-250

**Table III: Type 100 cutting nozzle typical performance parameters. (Can ONLY be used in model**

1#	1.8	100-150	4-6	0.5	8-Oct	1.54-1.87	0.4-0.5	250-175
2#	2.2	150-200	6-8	0.65	Nov-14	1.65-1.98	0.43-0.52	175-130
3#	2.6	200-250	8-10	0.8	14-18	1.76-2.20	0.46-0.58	130-100
4#	3	250-300	10-12	1	18-32	1.87-2.53	0.5-0.66	110-80

\* Requires adapter nut

NOTE: Figures are general in nature as numerous factors can effect results

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Cutting speed meters/hr	Cutting speed inches/min	Cutting speed feet/hour
39	23-27	125
36	20-25	110
30	16-21	95

100 torches\*)

33	19-23	105
24	13-17	75
18	10-14	60

300 torch\*)

13	7-10	40
9	5-7	30
7	4-5	22
6	3-4	17