



## Fuel cost comparison compressor vs hydraulic power pack

Date: 22 November, 2011

Fuel price AUSTRALIA	AUD per Litre	
Petrol	\$ 1.45	Figures can be changed to suit prices in your area
Diesel	\$ 1.53	

Compressor	125 cfm			130 cfm			160 cfm			185 cfm		
air supply cfm	125 cfm			130 cfm			160 cfm			185 cfm		
air supply m3	3.3			3.7			4.5			5.2		
engine HP	67			67			49			67		
fuel consumption gallons/hour	2.42			2.54			3.1			3.5		
fuel consumption liter/hour	9.1			9.6			11.7			13.2		
Power pack												
type	HPP06	HPP09	HPP13	HPP06	HPP09	HPP13	HPP06	HPP09	HPP13	HPP06	HPP09	HPP13
engine HP	6.5	9	13	6.5	9	13	6.5	9	13	6.5	9	13
fuel consumption liter/hour	1.7	2.5	3.3	1.7	2.5	3.3	1.7	2.5	3.3	1.7	2.5	3.3
fuel consumption gallons/hour	0.4	0.7	0.9	0.4	0.7	0.9	0.4	0.7	0.9	0.4	0.7	0.9
Fuel cost												
1 week / 5 Days @ 8hours	1 week			1 week			1 week			1 week		
Compressor	557	557	557	588	588	588	716	716	716	808	808	808
Hydraulic	99	145	191	99	145	191	99	145	191	99	145	191
Cost reduction	458	412	366	489	443	396	617	571	525	709	663	616
1 Month / 20 Days @ 8 hours	1 Month			1 Month			1 Month			1 Month		
Compressor	2228	2111	2228	2350	2350	2350	2864	2864	2864	3231	3231	3231
Hydraulic	394	580	766	394	580	766	394	580	766	394	580	766
Cost reduction	1833	1531	1462	1956	1770	1584	2470	2284	2099	2837	2651	2466
12 Months / 240 Days @ 8 hours	12 Months			12 Months			12 Months			12 Months		
Compressor	26732	26732	26732	28201	28201	28201	34370	34370	34370	38776	38776	38776
Hydraulic	4733	6960	9187	4733	6960	9187	4733	6960	9187	4733	6960	9187
Cost reduction	21999	19772	17545	23468	21241	19014	29637	27410	25183	34044	31816	29589

HPP06 = 6hp Hycon Hydraulic Power Pack

HPP09 = 9hp Hycon Hydraulic Power Pack

HPP13 = 13hp Hycon Hydraulic Power Pack