

CMP- SERIES

The background features a collage of images. The top right shows a construction site with a large crane and steel structures against a blue sky. The bottom right shows a close-up of a portable screw compressor, which is white with a red seat and black handles. A decorative graphic of thin, curved lines is overlaid on the left side of the page.

ONE STEP AHEAD

PORTABLE SCREW COMPRESSORS


- Mobile compressed air solution
- Independent from power source
- Compact and lightweight
- Low emissions
- Easy to operate
- Energy efficient



DESIGNED TO LAST

At a glance...

 **Operating Pressure**
6 - 7 bar g

 **Motor Power**
6.3 - 8.7 kW

 **Volume Flow**
0.8 - 1.2 m³/min



Compressor

The Champion range of self-contained compressors uses lubricated screw air ends with high airflow. The progressive adjustment of the airflow constantly maintains an operating pressure between 7 and 8 bar, thus avoiding the use of a cumbersome air tank.

Protection

The "ROLL BAR" system fully protects the compressor and facilitates maintenance. The anti-vibration pads provide excellent stability and limit vibration.

Thermic engine

Our choice of HONDA petrol engines, known for their high reliability and excellent sound levels, guarantees the longevity of our compressors and a great ease of use. The engine speed is reduced automatically when the compressor is not stressed (control valve + pneumatic jack group).

Oil Separator

Our compressors are equipped with an improved cooling system. Temperature control guarantees optimum longevity.

Portable Compressors

CMP Series P6 - B9

Design: Engine Driven Rotary Screw
Pressure Range: 6 - 7 bar
Power Range: 9 - 13 HP
Mobile Fuel Tank: 5.3 - 6.1 Litres

MODEL	FLOW ¹⁾			ADJUSTMENT PRESSURE ³⁾		HONDA PETROL ENGINE		ELECTRIC START-UP BATTERY INCLUDED	PROGRESSIVE ADJUSTMENT OF ENGINE SPEED RPM	SOUND POWER LEVEL LwA ²⁾ dB(A)	MOBILE FUEL TANK LITRES	DIMENSIONS		WEIGHT KG	CODE
	L/M	CFM	m ³ /min	BAR	kW/HP	MODEL	MM					KG			
CMP-P6R	800	28	0.8	6	6.3/9	GX 270	-	2500 - 3500	97	5.3	820x560x610	69	CC1198063		
CMP-P6	800	28	0.8	7	6.3/9	GX 270	Yes	2500 - 3500	97	5.3	820x560x610	79	CC1198074		
CMP-P7R	1200	42	1.2	7	8.7/13	GX 390	-	2400 - 3500	97	6.1	820x560x610	80	CC1198075		
CMP-P7	1200	42	1.2	7	8.7/13	GX 390	Yes	2400 - 3500	97	6.1	820x560x610	90	CC1198076		
CMP-P8R	800	28	0.8	6	6.3/9	GX 270	-	2500 - 3500	97	5.3	820x560x610	79	CC1198077		
CMP-P8	800	28	0.8	7	6.3/9	GX 270	Yes	2500 - 3500	97	5.3	820x560x610	89	CC1198078		
CMP-P9R	800	28	0.8	7	8.7/13	GX 390	-	2400 - 3500	97	6.1	820x560x610	100	CC1198079		
CMP-P9	1200	42	1.2	7	8.7/13	GX 390	Yes	2400 - 3500	97	6.1	820x560x610	110	CC1198080		
CMP-B8	800	28	0.8	7	6.3/9	GX 270	Yes	2500 - 3500	97	5.3	740x540x530	59	CC1198081		
CMP-B9	1200	42	1.2	7	8.7/13	GX 390	Yes	2500 - 3500	97	6.1	740x540x530	65	CC1198082		

¹⁾ Flow according to CE standard 1217 Annex C. ²⁾ Sound level according to EU 2000/14 Annexe 8. ³⁾ Pressure of 9-12 bar available upon request
Option: Models P8-P9 - static version available - kit consists of 4 AV mounts + 4 mounting plates for commercial vehicles



At a glance...

 **Operating Pressure**
7 - 12 bar g

 **Motor Power**
15.5kW

 **Volume Flow**
1.0 - 1.4 m³/min



The CMP-Series is a powerful alternative to electrical tools

Small, compact and lightweight, at only 165kg weight with 1.4 m³/min at 7 bar. Perfect for a wide-range of repair and installation jobs.

Electric Start as Standard

Easy to start and flexible operation.



Honda GX 630V

Air cooled petrol engine.

Champion Genuine Parts

Enjoy complete peace of mind.

Genuine Champion parts and lubricants ensure best performance and reliability is maintained.

- Minimum losses contributing to energy savings
- Long service life, even under harsh conditions
- High reliability



Larger portables from CMP-P21 through to TurboScrew are available. Contact the Champion Sales Team for more information and brochure.

CMP SERIES	TYPE	CMP-P10	CMP-P12	CMP-P14
CODE		A60141201	A60141001	A60140701
ENGINE		HONDA GX630	HONDA GX630	HONDA GX630
MOTOR POWER	[KW]	15.5	15.5	15.5
OPERATING PRESSURE	[bar g]	12	10	7
	[psi g]	174	145	102
VOLUME FLOW	[m ³ /min]	1.4	1.8	1.8
	[cfm]	50	64	64
ENGINE SPEED OFF LOAD	[rpm]	2200 - 3550		
SOUND POWER LEVEL ¹⁾	[LwA]	97 (dB)		
VOLUME FLOW	[m ³ /min]	1.0	1.4	1.4
	[cfm]	35	50	50
ENGINE SPEED OFF LOAD/LOAD	[rpm]	2200 - 2900		
SOUND POWER LEVEL ¹⁾	[LwA]	93 (dB)		
AIR OUTLET SIZE		1" x 3/4"		
DIMENSIONS L X W X H	[mm]	890 x 635 x 670		
WEIGHT (WITHOUT FUEL)	[Kg]	150		

¹⁾ Legal Limiting values of EC directive acc to 2000/14/EC

SERVICE KITS	DESCRIPTIONS
CC1186378	600 hrs or 6 months compressor service kit C10-C14
CC1186379	Annual engine service kit C10-C14
SCUO2000-5GT3	Lubricant (pack of 3 x 5L)

Champion codes relates to power sound level (LwA) of 97 decibels. Clearly mark on your order if the lower noise level of 93 decibels is required