



ENGINES

ROBIN PETROL ENGINES.



Crommelins have been the Australia distributors for Robin engines since 1964. These engines have been the preferred choice of power on a wide variety of equipment to the rental, construction and agricultural Industries. Reliability, performance and longevity is the cornerstone to the popular engine.






STANDARD FEATURES

- Larger and extra cooling fins on crankcase, cylinder and mounting base
- Intake and exhaust valves produce low fuel consumption
- Low noise, soft tone quality rigid muffler
- Recoil start with no kickback
- Easy maintenance with fewer parts
- Compatibility to other engine brands allows easy replacements.
- Spark arrestor muffler
- Low oil sensor shutdown
- Dual element air filter
- 3 Year manufacturer's warranty

OPTIONAL EXTRAS

- Electric Start
- Lighting coil 12V-15W, 200W
- Generator specification



	 EX17	 EX21	 EX27	 EX35	 EX40
LABELED POWER (HP)	6.0HP	7.0HP	9.0HP	12.0HP	14.0HP
ENGINE BRAND	ROBIN	ROBIN	ROBIN	ROBIN	ROBIN
BORE X STROKE (MM)	67 X 48MM	67 X 60MM	75 X 60MM	89 X 65MM	89 X 65MM
PISTON DISPLACEMENT (CC)	169CC	211CC	265CC	404CC	404CC
MAX. OUTPUT (KW / HP / RPM)	4.2 / 5.7 / 4000	5.1 / 7.0 / 4000	6.6 / 9.0 / 4000	8.8 / 12.0 / 3600	10.3 / 14.0 / 3600
CONT. OUTPUT (KW / HP / RPM)	2.9 / 4.0 / 3600	3.7 / 5.0 / 3600	5.1 / 7.0 / 3600	6.3 / 8.5 / 3600	7.0 / 9.5 / 3600
MAX. TORQUE (NM / KGF.M / RPM)	11.3 / 1.15 / 2500	13.9 / 1.41 / 2500	18.6 / 1.90 / 2500	26.0 / 2.65 / 2400	27.0 / 2.75 / 2400
SPARK PLUG	NGK BR6HS	NGK BR6HS	NGK BR6HS	NGK BR6HS	NGK BR6HS
FUEL TANK	3.6L	3.6L	6.1L	7.0L	7.0L
STARTING SYSTEM	RECOIL START	RECOIL START	RECOIL START	RECOIL START	RECOIL START
DECIBELS @ 7M	66db	68db	70db	72db	72db
WEIGHT (DRY)	15.0KG	16.0KG	21.0KG	33.0KG	33.0KG
DIMENSIONS (LxWxH)	304x354x335MM	311x366x335MM	351x420x410MM	389x450x443MM	389x450x443MM
ENGINE MANUFACTURER'S WARRANTY	3 YEARS	3 YEARS	3 YEARS	3 YEARS	3 YEARS

FEATURES

Advanced technology and engineering - Based on the Subaru WRX World Rally champion car's boxer engine

Easy Start - Easy starting with no kickback. 30 to 40% lower recoil pulling force than competitors.

Long warranty - 3 years Robin engine warranty

Fuel consumption - The intake and exhaust valves are located at optimum angles, and the straight intake port produces minimal airflow resistance resulting in lower fuel consumption.

Engine life - Heavy duty chain driven OHC system with oval type steel links resist stretching, resulting in extended maintenance free operation.

Easy Maintenance - Fewer parts for service. Routine maintenance, assembly and disassembly can be performed with ordinary tools.

Performance - Pent roof combustion chamber produces more horsepower & torque from less displacement.

Compatibility - Application compatibility with existing slant cylinder engines can be easily replaced with EX engines.

Low noise - soft tone quality, new rigid muffler and OHC system reduces noise by 2dBA.

Heat reduction - Larger and extra cooling fins on crankcase, cylinder and mounting base results in heat reduction and outstanding oil delivery system.

