



KD 477/2



KD 625/2



**KDI 1903M AND
KDI 2504M**

The KOHLER range of naturally aspirated air and water cooled diesel engines are proven and dependable designs suitable for a wide range of prime mover applications including pumps, generators, maize mills, concrete mixers, dumpers etc.

The KOHLER range specification include a cast iron crankcase for durability, individual cylinder direct injection combustion system for easy starting and low fuel consumption, centrifugal governor and mechanical fuel lift pump. They are supplied with 12V electric start, electro stop, muffler and panel board with warning indicators for high temperature and low oil pressure. Two models are available as follows:-

KD

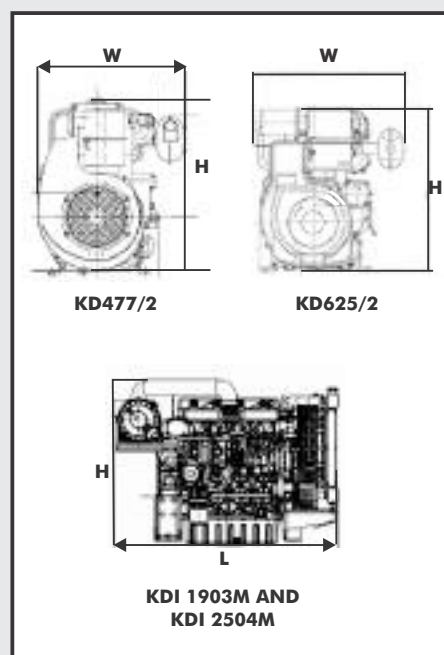
KD range features two cylinder air cooled variable speed engines with settable speed between 2000 to 3000rpm. The engines are in ECE R 24 emission compliant stage and are supplied complete with engine mounted fuel tank, PTO drive shaft, oil bath air filter and are fitted with recoil rope for emergency start.

KDI

The KDI range is of water cooled 3 and 4 cylinder design featuring the latest technology including four valves per cylinder and are fully compliant for fire pump applications at 3000 rpm fixed speed. They feature an advanced specification that includes energise to stop solenoid, fireproof fuel lines, customised fuel filter and heavy duty air cleaner and are supplied with integral radiator, fan and fan guard with power take off from the flywheel. Drive shaft, fuel tank and starter battery with leads are not included and offered separately. The engines are stage IIIA emissions compliant.

TECHNICAL DATA

Engine Type		KD 477/2	KD 625/2	KDI 1903M	KDI 2504M
Power Output kW (BHP)	2200rpm	10.0(13.4)	12.6(17)		
	2200rpm	11.2(15.0)	14.0(18.8)		
	2400rpm	12.2(16.4)	15.2(20.4)		
	2600rpm	12.8(17.1)	16.0(21.5)		
	2800rpm	13.2(17.7)	16.6(22.3)		
	3000rpm	13.8(18.4)	17.1(22.8)	25.2(33.8)	36.9(49.5)
Fuel Consumption L/hr	2000rpm	2.7	3.3		
	2200rpm	3.0	3.7		
	2400rpm	3.3	4.1		
	2600rpm	3.5	4.5		
	2800rpm	3.6	4.9		
	3000rpm	3.8	5.2	10.5	11.5
Cylinder Capacity (cc)		954	1248	1861	2482
Flanging, rpm		SAE 5-6.5"		SAE 4-7.5"	
No. of Cylinders		2		3	4
Fuel Tank Size (L)		7	10	×	×
Cooling Medium		Air		Water	
Engine Drive Shaft		✓	✓	×	×
Dimensions & Weights	Length mm (L)	577	633	918	1024
	Width mm (W)	483	557	566	566
	Height mm (H)	565	599	757	757
	Weight (kgs)	78	115	252	287



DERATING: Given outputs are sea level ratings. Sets should be derated at 1% for every 100m higher than 100m above sea level, and 2% for every 5°C temperature above 20°C for naturally aspirated engines.