

KOHLER® Diesel

6.7-64.4 hp Engines



KOHLER®

KOHLER® Diesel Engines

Power your way through the toughest jobs.

Your work – it's tough, demanding and downright nasty at times. So when it comes to powering your equipment, you need an engine that's going to be even tougher. That's why there's KOHLER diesel engines – they bite back, allowing you to power through the toughest jobs. Ranging from 6.7 to 64.4 hp KOHLER air- and liquid-cooled diesels set the standard for both power and performance.

From the direct-injection technology found on our air-cooled models to the state-of-the-art fuel injection of our liquid-cooled engines, every component contributes to their tenacious performance and rugged durability. They also excel in the areas of fuel efficiency and low emissions. Top that off with an industry-leading, full three-year warranty and a service network worldwide. It's easy to understand why so many professionals insist on KOHLER diesel engines.



KOHLER®

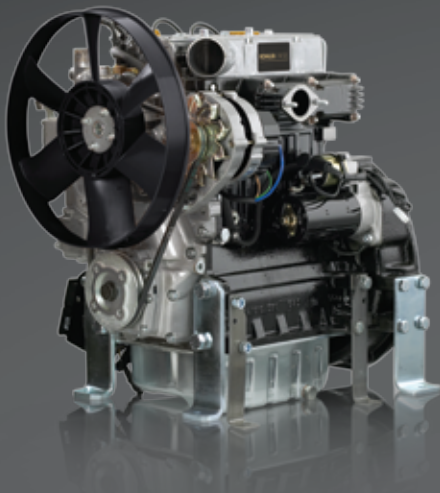
PERFORMANCE
ENGINEERING



Air-Cooled Diesel

With their compact, heavy-duty design, KOHLER® air-cooled diesel engines produce increased power and lower fuel consumption, and with full-pressure lubrication, full-flow oil filters, aluminum crankcases and cast-iron cylinders, they are designed for long-lasting performance in the toughest of conditions.

- Aluminum crankcase with cast-iron cylinders for long life operation
- Direct injection produces increased power and lower fuel consumption
- Superior balancing for smooth operation and less noise
- Extensive array of accessories for easy customization
- EPA/CARB-compliant
- Industry-leading 3-year full warranty



Liquid-Cooled Diesel

KOHLER liquid-cooled diesel engines are built around their clean, compact and low-profile overhead cam design*, delivering maximum punch and optimal fuel efficiency. With full-pressure lubrication and full-flow oil filters, along with cast-iron crankcases, KOHLER liquid-cooled diesels deliver long-lasting durability in the toughest conditions.

- Cast-iron crankcase for long life operation
- Indirect injection for clean, quiet power
- Hydraulic lift valves minimize the need for maintenance**
- Superior balancing for smooth operation and less noise
- Extensive array of accessories for easy customization
- EPA/CARB-compliant
- Industry-leading 3-year full warranty

* Available only on KDW702, KDW1404 and KDW1603.

** Available only on KDW1003, KDW2204 and KDW2204T.

KOHLER® Air-Cooled Diesel Model Specifications

Engine Type	Direct Injection					
Model	KD350	KD420	KD425-2	KD477-2	KD625-2	KD625-3
Gross Power @ rpm Maximum hp (kW)	6.7 (5) @ 3600 rpm	9.8 (7.3) @ 3600 rpm	18.8 (14) @ 3600 rpm	17.2 (12.8) @ 2700 rpm	25.2 (18.8) @ 3000 rpm	36.9 (27.5) @ 3000 rpm
Displacement cu in (cc)	21.3 (349)	27 (442)	51.9 (851)	58.2 (954)	76.2 (1248)	114.1 (1870)
Bore in (mm)	3.2 (82)	3.4 (86)	3.3 (85)	3.5 (90)	3.7 (95)	
Stroke in (mm)	2.6 (66)	3 (76)	3 (75)		3.5 (88)	
Cylinders	1	1	2			3
Peak Torque @ rpm ft lb (Nm)	12.2 (16.6) @ 2400 rpm	17 (23) @ 2200 rpm	31 (42) @ 2200 rpm	40.6 (57.5) @ 2200 rpm	55.3 (75) @ 2000 rpm	84.8 (115) @ 2000 rpm
Compression Ratio	20.3:1		19:1		17.5:1	17:1
Dry Weight lb (kg)	72.7 (33)	99.1 (45)	116.6 (53)	171.6 (77.8)	242.6 (110)	374.6 (170)
Oil Capacity U.S. qt (L)	1.3 (1.2)	1.6 (1.5)	1.9 (1.8)	3.2 (3)	2.8 (2.6)	5.3 (5)
Lubrication	Full pressure with full-flow filter					
Dimensions L x W x H in (mm)	12.9 x 15.7 x 18.4 (328 x 399 x 468)	13.2 x 15.9 x 20.2 (336 x 403 x 512)	19.1 x 18.3 x 19.6 (485 x 464 x 498)	22.7 x 19 x 22.2 (577 x 480 x 565)	24.9 x 22 x 23.6 (633 x 559 x 600)	24.9 x 22 x 23.6 (633 x 559 x 600)

KOHLER® Liquid-Cooled Diesel Model Specifications

Engine Type	Indirect Injection					
Model	KDW702	KDW1003	KDW1404	KDW1603	KDW2204	KDW2204T*
Gross Power @ rpm Maximum hp (kW)	16.8 (12.5) @ 3600 rpm	26.1 (19.5) @ 3600 rpm	34.9 (26) @ 3600 rpm	40.2 (30) @ 3000 rpm	51 (38) @ 3000 rpm	64.4 (48) @ 3000 rpm
Displacement cu in (cc)	41.9 (686)	62.7 (1028)	83.7 (1372)	100.6 (1649)	134.2 (2199)	
Bore in (mm)	3 (75)			3.5 (88)		
Stroke in (mm)	3.1 (77.6)			3.6 (90.4)		
Cylinders	2	3	4	3	4	
Peak Torque @ rpm ft lb (Nm)	29.9 (40.5) @ 2000 rpm	47.2 (64) @ 2000 rpm	62 (84) @ 2000 rpm	83.3 (113) @ 1600 rpm	106.2 (144) @ 2000 rpm	140.1 (190) @ 1800 rpm
Compression Ratio	22.8:1			22:1	22.5:1	22.8:1
Dry Weight lb (kg)	145.4 (66)	187.3 (85)	216 (98)	343.8 (156)	423.1 (192)	434.2 (197)
Oil Capacity U.S. qt (L)	1.7 (1.6)	2.5 (2.4)	3.5 (3.3)	4 (3.8)	4.8 (4.5)	
Lubrication	Full pressure with full-flow filter					
Dimensions L x W x H in (mm)	16.6 x 16.2 x 20.3 (421 x 412 x 516)	20.2 x 16.2 x 20.3 (513 x 412 x 516)	23.5 x 16.2 x 20.3 (596 x 412 x 516)	22.2 x 17.5 x 23.3 (563 x 445 x 593)	26.1 x 17.5 x 23.3 (663 x 445 x 593)	26.1 x 18.5 x 25.2 (663 x 471 x 640)

*Turbo-Charged

For more information, contact your KOHLER source of supply, or call toll-free in the U.S. and Canada 800-544-2444.

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KOHLER®

Relentless Power.
Legendary Performance.

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