

KOHLER engines

**8 TO 20 HP
HORIZONTAL/VERTICAL
SINGLE/TWIN CYLINDER**

KOHLER
MAGNUM 20

KOHLER
MAGNUM 8

MAGNUM



MAGNUM WORKS HARDER. LASTS LONGER.

Today's better Magnum engines are meeting the extraordinary demands of commercial construction jobs. And throughout the world, our Magnum-based design and rugged components have set the standard for reliability and performance.

But a Magnum engine doesn't stop there. It's designed to operate at lower operating speeds, that means almost 100% fuel economy, steady power over a 100-hour 8 to 1000-hr life.

And it's more. Magnum engines feature 100% cast iron cylinder blocks, aluminum alloy pistons, and a cast iron crankcase. The cast iron cylinder blocks stand up to rugged use. And the cast iron crankcase provides excellent protection for the cylinder block, pistons, and crank. It's a rugged engine component.

Maintenance is another story. It's what makes the Magnum the best cost engine in its class. You see why here.

ELECTRIC STARTER

Magnum's power windows make starting easier. And our electric starter is designed to start in the coldest temperatures. It's what makes the Magnum the best cost engine in its class.



UTILITY EXHAUST VALVE

Utility Magnums are a breeze for Magnum. Different exhaust valves and seats with heavy stainless steel ensure maximum compression.

HEAVY-DUTY CRANK

Magnum's crankcase also gets the heavy-duty treatment. Our cast aluminum crankcase is built to last. The result is a crankcase that's strong, durable, and built to last. Our heavy-duty crankcase provides a smooth running engine.

AUTOMATIC COMPRESSION REGULATOR

Automatic compression regulator. It's what makes the Magnum the best cost engine in its class. It's what makes the Magnum the best cost engine in its class. It's what makes the Magnum the best cost engine in its class.



PORELOCK™ CONNECTING ROD

High strength connecting rods and Piston Pin Assemblies (PPA) are designed for maximum performance. Porelock® and Porelock® Plus are available in many different sizes.



CALLIGRION™ TURBO

Heavy-duty cast-iron turbochargers offer superior performance and long service life. Calligron® turbochargers are designed for maximum performance and are available in many different sizes.

HEAVY-DUTY BALL BEARING

Heavy-duty ball bearings are designed for maximum performance and long service life. They are available in many different sizes and are designed for maximum performance.



OPTICAL OIL BURNER SYSTEM

Magnum's Oil Burner System is designed for maximum performance. It features a high-pressure injection system and a high-pressure oil pump. The system is designed for maximum performance and is available in many different sizes.



FULL-POWER LINKAGE

Magnum's Full-Power Linkage is designed for maximum performance. It features a high-pressure injection system and a high-pressure oil pump. The system is designed for maximum performance and is available in many different sizes.



SHOCK™ ON PUMP

High-capacity Shock On Pump is designed for maximum performance. It features a high-pressure injection system and a high-pressure oil pump. The system is designed for maximum performance and is available in many different sizes.



OIL FILTER

High-capacity Oil Filter is designed for maximum performance. It features a high-pressure injection system and a high-pressure oil pump. The system is designed for maximum performance and is available in many different sizes.



TWO-YEAR LIMITED WARRANTY

At the factory, every Magnum engine is inspected by a trained technician. For your peace of mind, Magnum offers a two-year limited warranty. This warranty covers the engine, oil pump, and oil filter. It is available in many different sizes.

8, 10, 12, 14, 16 HP HORIZONTAL SHAFT SINGLE CYLINDER

Magnus single cylinder engines are ideal for applications including:

Magnus engines are frequently specified for generators, air compressors, pumps, pressure washers, blenders, welders, and power tools, as well as a wide variety of engine powered tools and non motor equipment.

Other generating tools, generators, compressors, fuel blowers, and generators.



OPTIMAL POWER

Magnus engines are superior for operation in different sizes engine groups. On just one foot with an optional alternator, Magnus engines can provide steady power. Features essential parts like Piston are constructed from low temperature casted aluminum alloy which is easily obtained. And Magnus's heavy duty cast iron ball bearings stand up easily under heavy loads.

ENHANCED RELIABILITY

Magnus engine development of heavy-duty cast iron² crankcase provides with a very low wear and tear rate. Magnus can provide Magnus's top efficiency for a longer life. Offering 8-10% and 10% improvement in temperature up to 100° F compared to previous design. Magnus's optional 20 liter² makes the crankcase level and also offers through the hole for oil management.

FASTER START, EASIER OPERATION

Magnus engine comes with a starter motor and electric starter. Magnus's starter system includes a speed control system which is easy to use. And a starter motor which is easy to use. And a starter motor which is easy to use. And a starter motor which is easy to use.

Magnus engine also includes a starter motor which is easy to use. And a starter motor which is easy to use. And a starter motor which is easy to use. And a starter motor which is easy to use.

16, 18, 20 HP HORIZONTAL/VERTICAL TWIN CYLINDER

Magnus twin cylinder engines are available in horizontal models (16, 18 and 20 hp) and vertical models (16, 18, 20 hp). They provide superior smooth performance, excellent fuel economy and long life for agricultural, industrial and homeowner applications.

Magnus horizontal engines are available in pump, generator, backhoe, loader, tillage and more. Magnus single shaft engines deliver superior power to pressure washers, snowblowers, water pumps and generators, used in homeowner equipment for yard, house and more.

Magnus vertical 4-cylinder heavy-duty engines are used in generators and other industrial applications.



OPTIMAL PERFORMANCE

Magnus engines are designed for top performance. Superior fuel efficiency, carbon emission control and low maintenance cost are standard. Constant fuel delivery maintains the power. Auto-choke, automatic choke and glow plug "starting" in 10%.

Wide 100° Magnus 180° crank angles provide maximum air flow. And with increased air flow, temperatures for high temperatures are reduced up to 30°.

FUEL INJECTION PROTECTION

Magnus twin cylinder 16, 18, 20 hp. A Magnus air injection system continuously purges fuel injectors of all hydrocarbon compounds. Water and other sediment cannot reach the fuel line or the interior of the injectors. And special Oil Guard™ provides a protective shield around the injectors. The engine never overheats.

Steel™ exhaust valves provide excellent exhaust performance, compression and efficiency. And Magnus's FuelLock™ provides fuel spray, sediment, carbon and more.

BUILT IN DURABILITY

Magnus twin cylinder smooth, steady power uses a cast steel, precision aluminum base. Another added benefit, 300-400 of the standard machinery life span over standard engine bearings.

Plus, with superior cylinder magnets, piston, timing belt, Magnus has a life span more and more a with a span (up to 3 years of fuel).



OPERATING POINTS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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WATER POINTS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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**11, 20 HP
HORIZONTAL
TWIN CYLINDER**



**14, 18, 20 HP
VERTICAL
TWIN CYLINDER**



