

KUBOTA DIESEL ENGINE

RK SERIES

Feel Kubota Quality whenever you drive. Compact design, High power, Fuel efficient and longer durability all packed in a horizontal diesel engine from Kubota.



The Power You Can Rely On
Kubota Diesel Engine

Displacement: 376 cc – 443 cc

Maximum Output: 7.0 hp & 8.0 hp

RK70-S

TVCS System

TVCS for steady & Efficient Operation

Kubota's Three-Vortex Combustion System (TVCS) is a revolutionary system that creates three vortices within the combustion chamber in order to produce an air/fuel mixture with a uniform spray and an optimum average particle size. This ideal air/fuel mixture, in turn, ensures complete combustion for greater power output and more steady operation. As a result, Kubota's compact, lightweight engines are powerful and efficient as much as larger conventional engines.

RK80-1S

Direct Injection System

Save 20% on Your Monthly fuel bill with a Direct-Injection Engine

Many of Kubota diesel engines incorporate an advanced direct combustion system that can reduce fuel consumption by as much 20% as compared with conventional swirl combustion and pre-combustion chamber system. This high efficient direct-injection combustion system places the combustion chamber in activity in the top of the piston itself in order to minimize power rubbing gas leakage and to prevent heat loss. It also has a swirl-type design inlet ports for more efficient mixing of air and fuel. In addition, you have a high-efficient diesel engine with powerful performance and superior fuel economy.

SPECIFICATIONS

MODEL		RK70-S	RK80-1S
Type		Horizontal Water-Cooled, 4-Cycle Diesel Engine	
Number of Cylinder		1	
Bore x Stroke	mm (in)	80 x 75 (3.15 x 2.95)	82 x 84 (3.23 x 3.31)
Displacement	cc (cu. In)	376 (22.94)	487 (29.72)
Maximum Output	hp/rpm	7.0/2400	9.5/2400
	kW/rpm	5.22/2400	7.09/2400
Continuous Rated Output	hp/rpm	6.0/2200	8.0/2400
	kW/rpm	4.48/2200	5.97/2200
Combustion System		Three Vortex Combustion System	Direct Injection System
Compression Ratio		24	18
Direction of Rotation		Counter Clockwise (Viewed Fronting the Flywheel)	
Starting System		Manual Speed-Doubled Handling	
Lubricant System		Forced Lubrication with Trochoid Pump	
Cooling System		Radiator	
Fuel		Light Diesel Oil (SAE No.2-D)	
Lubricating Oil		API service CC, CD or CF class (SAE #30, 20, 10W-30)	
Cooling Water Capacity	L (US gal)	1.3 (0.34)	1.6 (0.42)
Fuel Tank Capacity	L (US gal)	8.0 (2.11)	10 (2.64)
Crankcase Oil Capacity	L (US gal)	2.0 (0.53)	24 (0.63)
Dry weight	kg (lb)	67 (147.7)	83 (183.0)
Lamp and Dynamo Output		V-W	12--32

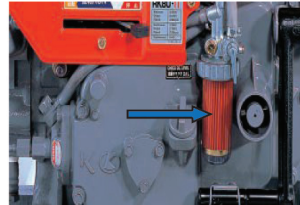
Specifications and dimensions are subject to change without prior notice.

New Features:



New wide lamp

You can drive any time even at night using the new designed lamp and AC regulator. The lamp produces brighter light at a low speed.



New handle start position

The starting handle is placed in front of the engine to easy start up for a Power Tiller.

Other applications:



Power Tiller



Rice Thresher



Corn Sheller

For more information, please contact:

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AUTHORIZED DEALER: