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**COVAX**<sup>®</sup>  
GLOBAL POWER EQUIPMENT



## GENERAL CATALOGUE

DIESEL ENGINE, DIESEL WATER PUMP  
PORTABLE GENERATOR, ULTRA SILENT  
WELDING GENERATOR, LIGHT TOWER



# WATER PUMP

## DIESEL

COVAX offers a number of pump models for a wide variety of applications in agriculture, industry, residential, rental, etc. From our clean water pumps to our trash pumps, each of our pumps offers outstanding performance.

Legendary COVAX engines are the heart of our pump line. They start easily and provide sufficient and stable Power for the job at hand. Pumps are powered with either gasoline or diesel engines.

Do you chase after unparalleled water pumps? COVAX pumps are exactly what you want.



### Economical Running

Equipped with COVAX engines, COVAX pump offer superior combustion efficiency and minimal fuel consumption.

### Portability

A special alloy frame reduces weight and facilitates movement around the work site.

### A Wide Range of Performance

An advanced impeller design insures a high volume of water ingestion.

### Durable Construction

The principal parts of the pump are designed for reduced wear and corrosion resistance.

### Easy Maintenance

Cleaning the inside of the pumps can be performed by removing just a few bolts.

### Delicate Design

Featuring COVAX commercial grade engine and rugged full frame protection with anti-vibration mounts, these pumps feature a fixed mounted cast iron volute and impeller with a silicon carbide seal. This is the ultimate combination of features to provide unsurpassed performance and durability in the toughest conditions.



# TRASH PUMP

## DIESEL

For those applications where large solids and other debris are encountered, COVAX offers a line of trash pumps designed to smoothly and safely handles that material. Deep impeller vanes and a large diameter discharge opening can pass suspended twigs, stones and other solids without clogging the pump or harming its internal components. Designed to be user friendly, these self-priming pumps remain serviceable under the harshest conditions.

### Reliability

Our technology absolutely sets the standard for reliability. That is why working professionals prefer COVAX equipment. There is virtually no downtime and longevity is unsurpassed.

### Fuel Efficient and Quiet

Our engines are remarkable fuel efficient and quiet. This counts for a lot on any job site.

### Easy to Start

The COVAX engines on the pumps are easy to start and easy to use. The engine are perfectly matched to the pumps and are engineered for quality and percision.

### Full Frame Protection

The pumps are enclosed in a full frame to provide ultimate protection and are engineered to minimize vibration.

### Long Running, Fuel Thrifty Diesels

Fuel-efficient diesel pumps can be operated 1.5-4 times longer than gasoline pumps. This advantage truly shows in night time and other continuous pumping operation at sites where no commercial power is available.

### Durable Construction

The principal parts of each pump are reinforced for superior wear resistance. The trash pumps are further strengthened by adding liners to the inner casings.

### Easy Maintenance

Cleaning the inside of the casing can be done simply by just removing a few bolts. With trash pumps, the casing cover and the inner casing come in one block, so separation and fitting is very easy.



Technical Data

Model	KDP20/KDP20E	KDP30/KDP30E	KDP40
Type	Diesel pump	Diesel pump	Diesel pump
Suction & discharge port diameter (mm) (in)	50 (2")	80 (3")	100 (4")
Rated capacity (m³/h)	22.0	30.0	40.0
Rated total head (m)	15	13	16
Self-priming time (s/4m)	80	120	180
Max.suction head (m)	8.0	8.0	8.0
Rotation speed (r/min)	3600	3600	3600
Fuel consumption (g/kW.h)	288	285	281
Noise level [dB(A)/7m]	74.0	76.0	79.0
Overall dimension (mm)(LxWxH)	525x410x515	570x445x550	650x480x600
Net weight (kg)	38.5	49	62.5
Engine model	KM170	KM178	KM186
Rated power (kW)	2.8	4.0	6.3
Rated speed (r/min)	3600	3600	3600
Displacement (cm³)	211	296	406
Starter system	KDP20: Recoil starter KDP20E: Electric starter	KDP30: Recoil starter KDP30E: Electric starter	KDP40: Recoil starter KDP40E: Electric starter

Technical Data

Model	KDP20T	KDP30T	KDP40T
Type	Diesel pump	Diesel pump	Gasoline pump
Suction & discharge port diameter (mm) (in)	40 (1.5")	40 (1.5")	40 (1.5")
Rated capacity (m³/h)	5.0	5.0	5.0
Rated total head (m)	42	42	42
Self-priming time (s/4m)	40	40	180
Max.suction head (m)	8.0	8.0	5.0
Rotation speed (r/min)	3600	3600	3600
Fuel consumption (g/kW.h)	285	285	395
Noise level [dB(A)/7m]	79	79	72
Overall dimension (mm)(LxWxH)	570x445x550	570x445x550	510x432x415
Net weight (kg)	43	43	29
Engine model	KM178	KM178	KG200P
Rated power (kW)	4.0	4.0	4.0
Rated speed (r/min)	3600	3600	3600
Displacement (cm³)	296	296	196
Starter system	Recoil starter	Electric starter	Recoil starter