

3" DEWATERING PUMP

These pumps are suitable for dewatering, over pumping sewage, drainage pumping, irrigation and chiller plants. The suction and discharge is 75 x 75 mm with closed type impeller with mechanical seal. (Open type impeller also available).

Priming Tank is made of Mild Steel/ Stainless Steel (Aluminium also available) and the internal parts are of Teflon, Stainless steel which increase the life and efficiency of the pump. Volute Casing is cast iron (Stainless Steel also available) and it is designed in such a way that the shape helps to give better discharge. Shaft, Impeller, Stuffing box and all other internal parts are made by stainless steel.

We are manufacturing pumps as per the demand of the customer requirements: Open Impeller pumps, Electric motor driven pumps, with 2/4 wheel types, skid mounted types and MOC according to customer requirements.



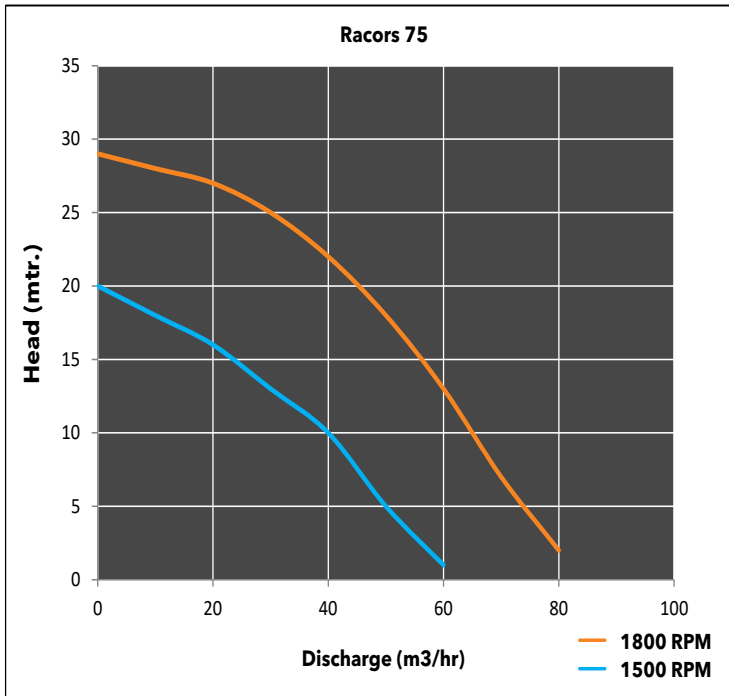
Features and Benefits

- Easy Maintenance normally limited to checking oil levels and filters.
- This dewatering pump used for handling sewage, slurries, and liquids with solids up to 2.0" in diameter.
- Dry-running high pressure liquid bath Double mechanical seal with high abrasion resistant solid silicon carbide faces.
- A centrifugal pump with Dri- Prime system coupled to a diesel engine or electric motor.
- KIRLOSKAR HA 294, 2 Cylinder, Air cooled Diesel Engine engines can be coupled with the pump. Electric motor is also an option.

Pump Specifications

Pump Make	RACORS
Pump Model	Racors 75
Vacuum Capacity	70 cfm
Max. Water Flow	80 m ³ /hr
Suction x Discharge	3" x 3" (75 mm x 75 mm)
Max. Head	30 mtr.
Max. Suction lift	9 mtr.
Max. Solid handling	2"

Performance Curve



Engine Specifications

Engine	KIRLOSKAR HA 294, 2 Cylinder, Air cooled Diesel Engine
Capacity	19 HP
Speed	1500 RPM
Starting	Electric with starter Motor, Charging Alternator, Oil Bath Air cleaner, fuel Injection Pump, Oil filter, Engine mounted Exhaust Silencer, Manual Shut off, Wire Harness & Starting Panel

Material of Construction

Volute Housing	High Grade cast Iron
Pump Shaft	Stainless steel, SS - 304
Impeller	Stainless Steel, SS - 304
Stuffing Box	Stainless Steel, SS - 304 with Double Mechanical seal immersed in oil bath for better efficiency & longer durability
Priming Tank	Mild Steel
Mounting	Portable Four wheel chassis with built in fuel tank having a fuel Capacity of 100 liters.

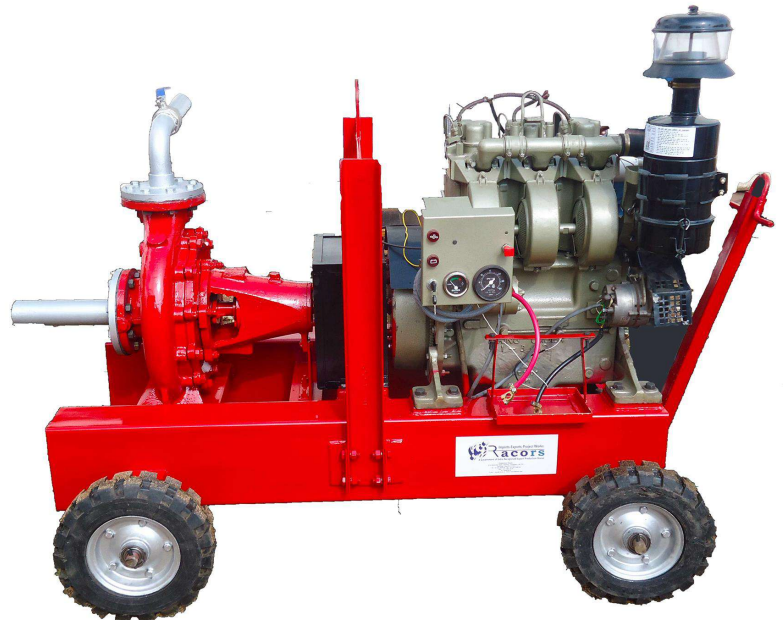
Weight & Dimensions

Weight without engine	500 kg
Weight with engine	850 kg
Length x width x height(cm)	214 x 213 x 153cm
20 feet container	6 nos
40 feet container	12 nos

3" JETTING PUMP

High Pressure Jetting Pumps are mainly available in 3" x 2" model. These pumps are capable of working at a pressure of Max. 10 bar. These jetting pumps are an ideal solution for field installation of wellpoints or well casings without drilling.

These pumps are available in diesel or electric models. Other options and sizes are also available according to customer requirements.



Pump Specifications

Pump Make	RACORS
Pump Model	Racors 75 - J
Working Pressure	5 to 10 bar
Suction x Discharge	75 mm x 50 mm
Max. Head	40 mtr.



Performance Curve



Engine Specifications

Engine	KIRLOSKAR HA 394, 3 Cylinder, Air cooled Diesel Engine
Capacity	41 HP
Speed	2000 RPM
Starting	Electric with starter Motor, Charging Alternator, Oil Bath Air cleaner, fuel Injection Pump, Oil filter, Engine mounted Exhaust Silencer, Manual Shut off, Wire Harness & Starting panel

Material of Construction

Volute Housing	High Grade cast Iron
Pump Shaft	Stainless steel, SS - 304
Impeller	Stainless Steel, SS - 304
Stuffing Box	Stainless Steel, SS - 304 with Double Mechanical seal immersed in oil bath for better efficiency & longer durability
Mounting	Portable Four wheel chassis with built in fuel tank having a fuel Capacity of 120 liters.

Weight & Dimensions

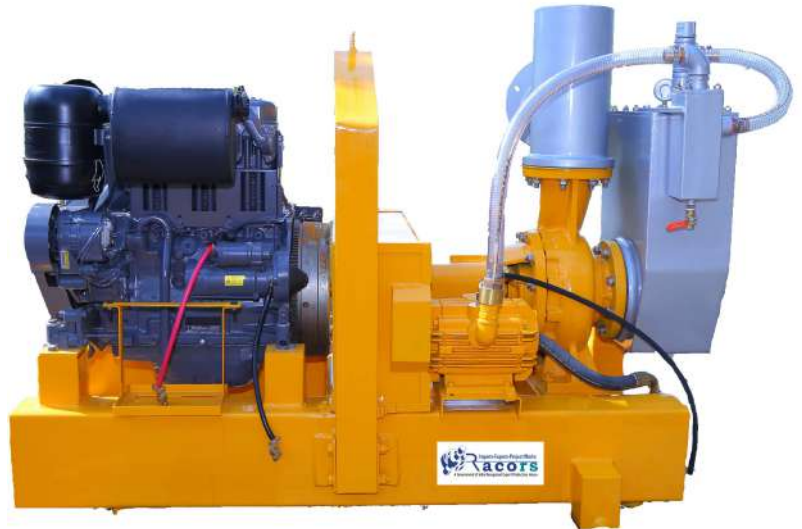
Weight without engine	550 kg
Weight with engine	950 kg
Length x width x height(cm)	214 x 213 x 153cm
20 feet container	6 nos
40 feet container	12 nos

4" DEWATERING PUMP

These pumps are suitable for dewatering, over pumping sewage, drainage pumping, irrigation and chiller plants. The suction and discharge is 100 x 100 mm with closed type impeller with mechanical seal. (Open type impeller also available).

Priming Tank is made of Mild Steel/ Stainless Steel (Aluminium also available) and the internal parts are of Teflon, Stainless steel which increase the life and efficiency of the pump. Volute Casing is cast iron (Stainless Steel also available) and it is designed in such a way that the shape helps to give better discharge. Shaft, Impeller, Stuffing box and all other internal parts are made by stainless steel.

We are manufacturing pumps as per the demand of the customer requirements: Open Impeller pumps, Electric motor driven pumps, with 2/4 wheel types, skid mounted types and MOC according to customer requirements.



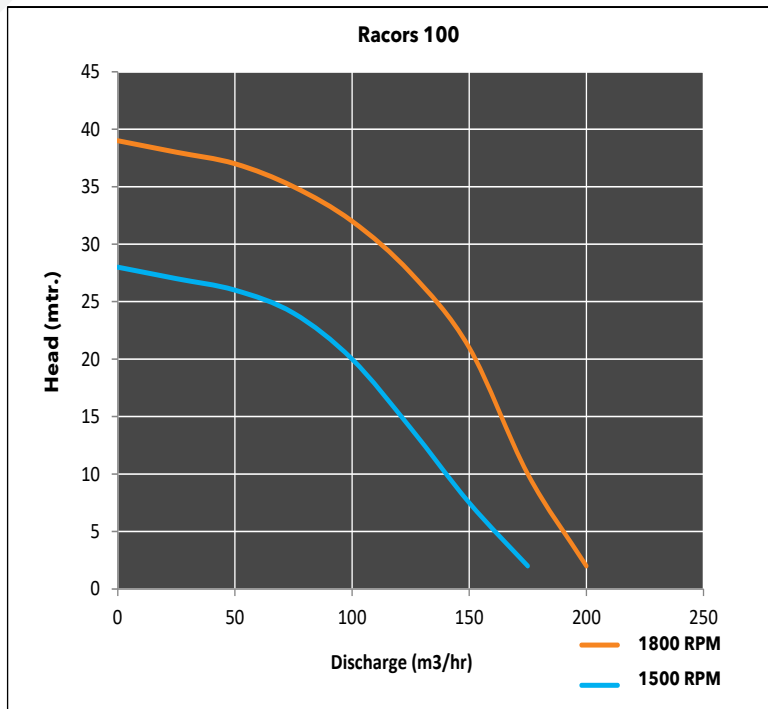
Features and Benefits

- Easy Maintenance normally limited to checking oil levels and filters.
- This dewatering pump used for handling sewage, slurries, and liquids with solids up to 2.0" in diameter.
- Dry-running high pressure liquid bath Double mechanical seal with high abrasion resistant solid silicon carbide faces.
- A centrifugal pump with Dri- Prime system coupled to a diesel engine or electric motor.
- Kirloskar HA 394 engine can be coupled with the pump. Electric motor is also an option.

Pump Specifications

Pump Make	RACORS
Pump Model	Racors 100
Vacuum Capacity	70 cfm
Max. Water Flow	200 m ³ /hr
Suction x Discharge	4" x 4" (100 mm x 100 mm)
Max. Head	40 mtr.
Max. Suction lift	9 mtr.
Max. Solid handling	2"

Performance Curve



Engine Specifications

Engine	KIRLOSKAR HA 394, 3 Cylinder, Air cooled Diesel Engine
Capacity	32 HP
Speed	1500 RPM
Starting	Electric with starter Motor, Charging Alternator, Oil Bath Air cleaner, fuel Injection Pump, Oil filter, Engine mounted Exhaust Silencer, Manual Shutoff, Wire Harness & Starting Panel

Material of Construction

Volute Housing	High Grade cast Iron
Pump Shaft	Stainless steel, SS - 304
Impeller	Stainless Steel, SS - 304
Stuffing Box	Stainless Steel, SS - 304 with Double Mechanical seal immersed in oil bath for better efficiency & longer durability
Priming Tank	Mild Steel
Mounting	Portable Four wheel chassis with built in fuel tank having a fuel Capacity of 120 liters.

Weight & Dimensions

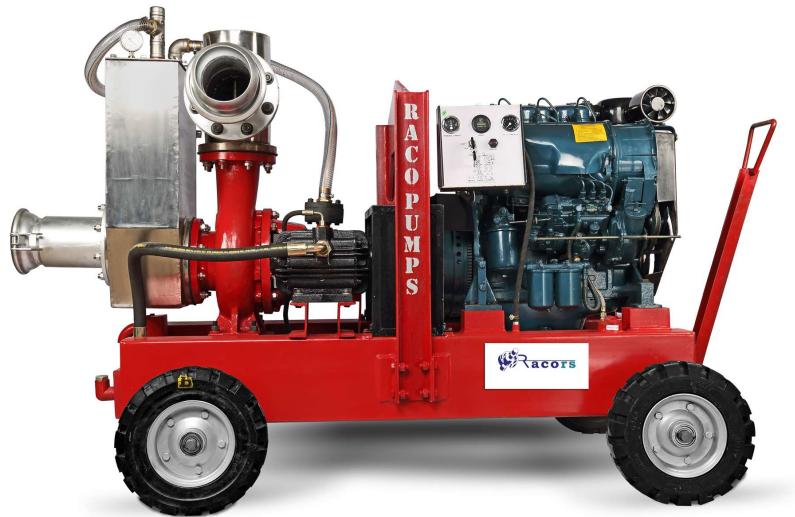
Weight without engine	550 kg
Weight with engine	950 kg
Length x width x height(cm)	214 x 213 x 153cm
20 feet container	6 nos
40 feet container	12 nos

6" DEWATERING PUMP

These pumps are suitable for dewatering, over pumping sewage, drainage pumping, irrigation and chiller plants. The suction and discharge is 150 x 150 mm with closed type impeller with mechanical seal. (Open type impeller also available).

Priming Tank is made of Mild Steel/ Stainless Steel (Aluminium also available) and the internal parts are of Teflon, Stainless steel which increase the life and efficiency of the pump. Volute Casing is cast iron (Stainless Steel also available) and it is designed in such a way that the shape helps to give better discharge. Shaft, Impeller, Stuffing box and all other internal parts are made by stainless steel.

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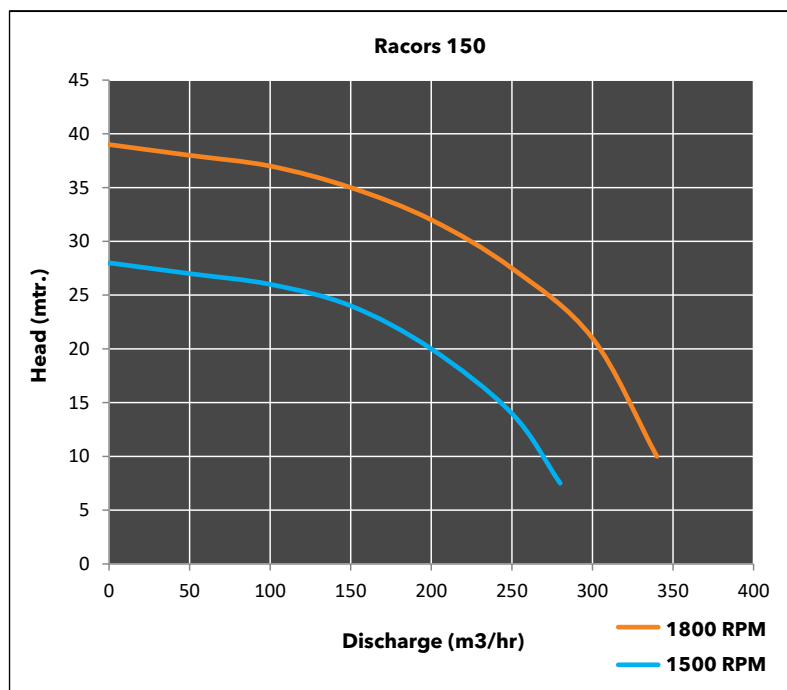
Features and Benefits

- Easy Maintenance normally limited to checking oil levels and filters.
- This dewatering pump used for handling sewage, slurries, and liquids with solids up to 2.0" in diameter.
- Dry-running high pressure liquid bath Double mechanical seal with high abrasion resistant solid silicon carbide faces.
- A centrifugal pump with Dri- Prime system coupled to a diesel engine or electric motor.
- Kirloskar HA 394 engine can be coupled with the pump. Electric motor is also an option.

Pump Specifications

Pump Make	RACORS
Pump Model	Racors 150
Vacuum Capacity	70 cfm
Max. Water Flow	350 m ³ /hr
Suction x Discharge	6" x 6" (150 mm x 150 mm)
Max. Head	40 mtr.
Max. Suction lift	9 mtr.
Max. Solid handling	2"

Performance Curve



Engine Specifications

Engine	KIRLOSKAR HA 394, 3 Cylinder, Air cooled Diesel Engine
Capacity	38 HP
Speed	1800 RPM
Starting	Electric with starter Motor, Charging Alternator, Oil Bath Air cleaner, fuel Injection Pump, Oil filter, Engine mounted Exhaust Silencer, Manual Shut off, Wire Harness & Starting Panel

Material of Construction

Volute Casing	High Grade cast Iron
Pump Shaft	Stainless steel, SS - 304
Impeller	Stainless Steel, SS - 304
Stuffing Box	Stainless Steel, SS - 304 with Double Mechanical seal immersed in oil bath for better efficiency & longer durability
Priming Tank	Mild Steel
Mounting	Portable Four wheel chassis with built in fuel tank having a fuel Capacity of 160 liters.

Weight & Dimensions

Weight without engine	550 kg
Weight with engine	950 kg
Length x width x height(cm)	214 x 213 x 153cm
20 feet container	6 nos
40 feet container	12 nos

8" DEWATERING PUMP

These pumps are suitable for dewatering, over pumping sewage, drainage pumping, irrigation and chiller plants. The suction and discharge is 200 x 200 mm with closed type impeller with mechanical seal. (Open type impeller also available).

Priming Tank is made of Mild Steel/ Stainless Steel (Aluminium also available) and the internal parts are of Teflon, Stainless steel which increase the life and efficiency of the pump. Volute Casing is cast iron (Stainless Steel also available) and it is designed in such a way that the shape helps to give better discharge. Shaft, Impeller, Stuffing box and all other internal parts are made by stainless steel.

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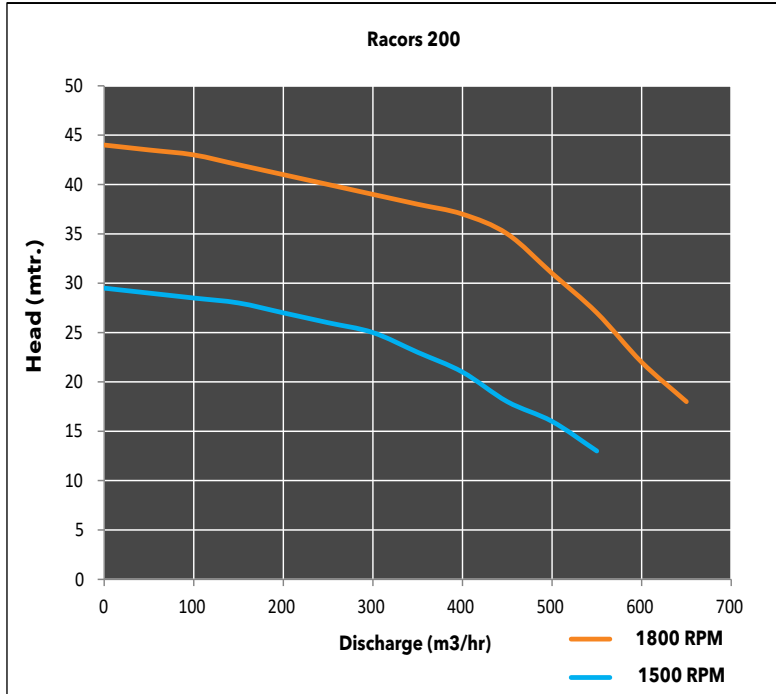
Features and Benefits

- Easy Maintenance normally limited to checking oil levels and filters.
- This dewatering pump used for handling sewage, slurries, and liquids with solids up to 2.0" in diameter.
- Dry-running high pressure liquid bath Double mechanical seal with high abrasion resistant solid silicon carbide faces.
- A centrifugal pump with Dri- Prime system coupled to a diesel engine or electric motor.
- Kirloskar HA 494 engine can be coupled with the pump. Electric motor is also an option.

Pump Specifications

Pump Make	RACORS
Pump Model	Racors 200
Vacuum Capacity	70 cfm
Max. Water Flow	550 m ³ /hr
Suction x Discharge	8" x 8" (200 mm x 200 mm)
Max. Head	40 mtr.
Max. Suction lift	9 mtr.
Max. Solid handling	2"

Performance Curve



Engine Specifications

Engine	KIRLOSKAR HA 494, 4 Cylinder, Air cooled Diesel Engine
Capacity	52 HP
Speed	1800 RPM
Starting	Electric with starter Motor, Charging Alternator, Oil Bath Air cleaner, fuel Injection Pump, Oil filter, Engine mounted Exhaust Silencer, Manual Shut off, Wire Harness & Starting Panel

Material of Construction

Volute Housing	High Grade cast Iron
Pump Shaft	Stainless steel, SS - 304
Impeller	Stainless Steel, SS - 304
Stuffing Box	High Grade cast Iron with Double Mechanical seal immersed in oil bath for better efficiency & longer durability
Priming Tank	Mild Steel
Mounting	Portable Four wheel chassis with built in fuel tank having a fuel Capacity of 183 liters.

Weight & Dimensions

Weight without engine	600 kg
Weight with engine	1100 kg
Length x width x height(cm)	214 x 213 x 153cm
20 feet container	4 nos
40 feet container	8 nos

12" DEWATERING PUMP

These pumps are suitable for dewatering, over pumping sewage, drainage pumping, irrigation and chiller plants. The suction and discharge is 300 x 300 mm with closed type impeller with mechanical seal. (Open type impeller also available).

Priming Tank is made of Mild Steel/ Stainless Steel (Aluminium also available) and the internal parts are of Teflon, Stainless steel which increase the life and efficiency of the pump. Volute Casing is cast iron (Stainless Steel also available) and it is designed in such a way that the shape helps to give better discharge. Shaft, Impeller, Stuffing box and all other internal parts are made by stainless steel.

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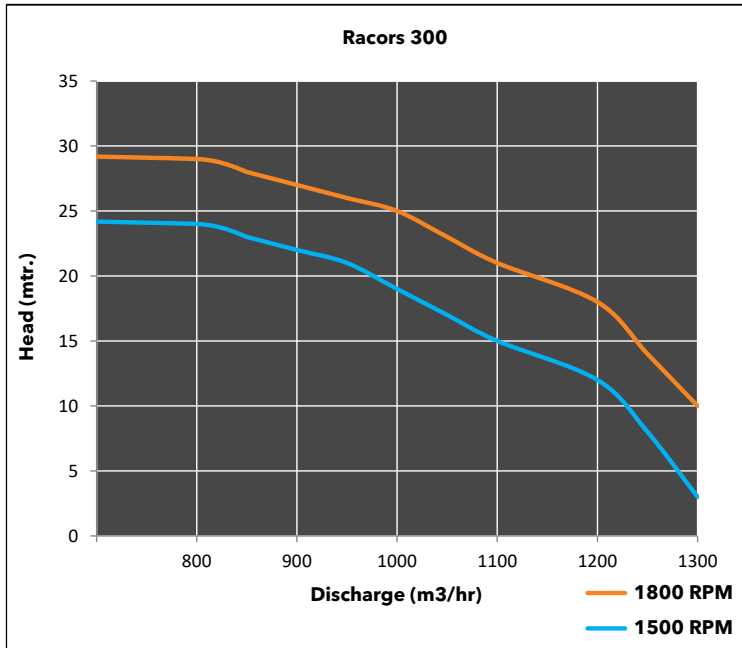
Features and Benefits

- Easy Maintenance normally limited to checking oil levels and filters.
- This dewatering pump used for handling sewage, slurries, and liquids with solids up to 2.0" in diameter.
- Dry-running high pressure liquid bath Double mechanical seal with high abrasion resistant solid silicon carbide faces.
- A centrifugal pump with Dri- Prime system coupled to a diesel engine or electric motor.
- Kirloskar HA 694 engine can be coupled with the pump. Electric motor is also an option.

Pump Specifications

Pump Make	RACORS
Pump Model	Racors 300
Vacuum Capacity	70 cfm (Double Vacuum motor)
Max. Water Flow	1250 m ³ /hr
Suction x Discharge	12" x 12" (300 mm x 300 mm)
Max. Head	30 mtr.
Max. Suction lift	9 mtr.
Max. Solid handling	2"

Performance Curve



Engine Specifications

Engine	KIRLOSKAR HA 694, 6 Cylinder, Air cooled Diesel Engine
Capacity	78 HP
Speed	1800 RPM
Starting	Electric with starter Motor, Charging Alternator, Oil Bath Air cleaner, fuel Injection Pump, Oil filter, Engine mounted Exhaust Silencer, Manual Shut off, Wire Harness & Starting Panel

Material of Construction

Volute Housing	High Grade cast Iron
Pump Shaft	Stainless steel, SS - 304
Impeller	Stainless Steel, SS - 304
Stuffing Box	High Grade cast Iron with Double Mechanical seal immersed in oil bath for better efficiency & longer durability
Priming Tank	Mild Steel
Mounting	Portable Four wheel chassis with built in fuel tank having a fuel Capacity of 220 liters.

Weight & Dimensions

Weight without engine	700 kg
Weight with engine	1200 kg
Length x width x height(cm)	214 x 213 x 153cm
20 feet container	2 nos
40 feet container	4 nos

6" HD TYPE DEWATERING PUMP

These pumps are suitable for dewatering, over pumping sewage, drainage pumping, irrigation and chiller plants. The suction and discharge is 150 x 150 mm with closed type impeller with mechanical seal. (Open type impeller also available).

Priming Tank is made of (Mild Steel / Stainless Steel also available) and the internal parts are of Teflon, Stainless steel which increase the life and efficiency of the pump. Volute Casing is cast iron (Stainless Steel also available) and it is designed in such a way that the shape helps to give better discharge. Shaft, Impeller, Stuffing box and all other internal parts are made by stainless steel.

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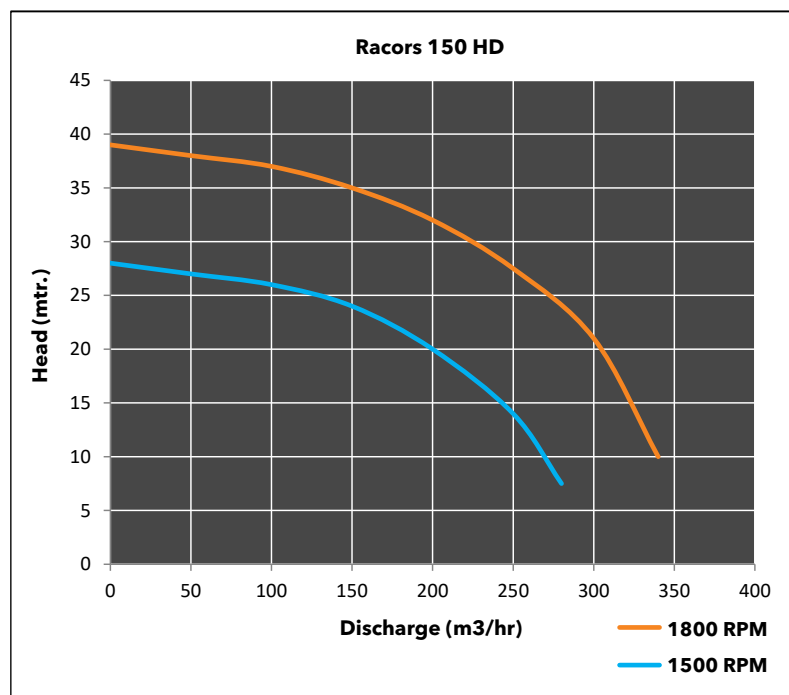
Features and Benefits

- Easy Maintenance normally limited to checking oil levels and filters.
- This dewatering pump used for handling sewage, slurries, and liquids with solids up to 2.0" in diameter.
- Dry-running high pressure liquid bath Double mechanical seal with high abrasion resistant solid silicon carbide faces.
- A centrifugal pump with Dri- Prime system coupled to a diesel engine or electric motor.
- Kirloskar HA 394 engine can be coupled with the pump. Electric motor is also an option.

Pump Specifications

Pump Make	RACORS
Pump Model	Racors 150 HD
Vacuum Capacity	70 cfm
Max. Water Flow	350 m ³ /hr
Suction x Discharge	6" x 6" (150 mm x 150 mm)
Max. Head	40 mtr.
Max. Suction lift	9 mtr.
Max. Solid handling	2"

Performance Curve



Engine Specification

Engine	KIRLOSKAR HA 394, 3 Cylinder, Air cooled Diesel Engine
Capacity	38 HP
Speed	1800 RPM
Starting	Electric with starter Motor, Charging Alternator, Oil Bath Air cleaner, fuel Injection Pump, Oil filter, Engine mounted Exhaust Silencer, Manual Shut off, Wire Harness & Starting Panel

Material of Construction

Volute Housing	High Grade cast Iron
Pump Shaft	Stainless steel, SS - 304
Impeller	Stainless Steel, SS - 304
Stuffing Box	Stainless Steel, SS - 304 with Double Mechanical seal immersed in oil bath for better efficiency & longer durability
Priming Tank	Mild Steel
Mounting	Portable two wheel chassis with built in fuel tank having a fuel Capacity of 160 liters.

Weight & Dimensions

Weight without engine	550 kg
Weight with engine	950 kg
Length x width x height(cm)	214 x 213 x 153cm
20 feet container	6 nos
40 feet container	12 nos

6" VS TYPE DEWATERING PUMP

These pumps are suitable for dewatering, over pumping sewage, drainage pumping, irrigation and chiller plants. The suction and discharge is 150 x 150 mm with closed type impeller with mechanical seal. (Open type impeller also available).

Priming Tank is made of Aluminium (Mild Steel / Stainless Steel also available) and the internal parts are of Teflon, Stainless steel which increase the life and efficiency of the pump. Volute Casing is cast iron (Stainless Steel also available) and it is designed in such a way that the shape helps to give better discharge. Shaft, Impeller, Stuffing box and all other internal parts are made by stainless steel.

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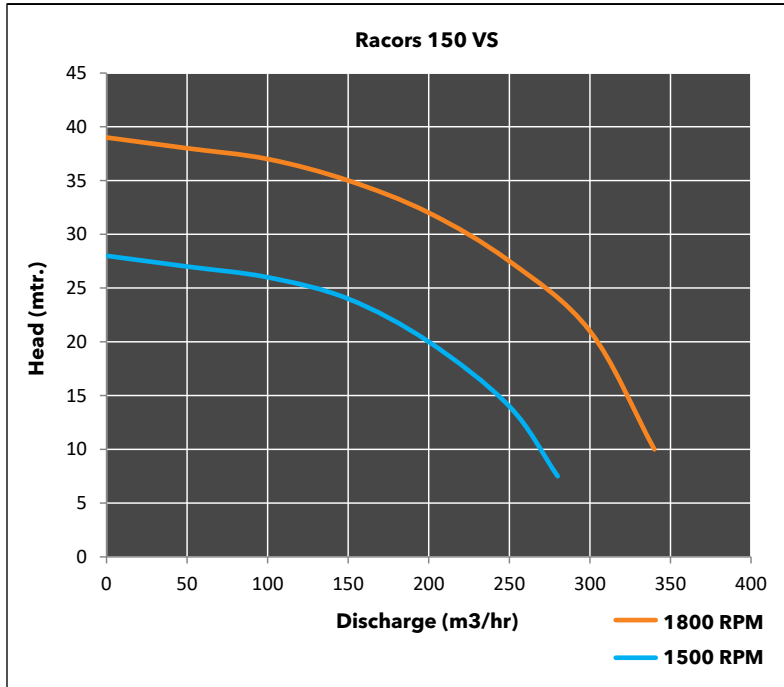
Features and Benefits

- Easy Maintenance normally limited to checking oil levels and filters.
- This dewatering pump used for handling sewage, slurries, and liquids with solids up to 2.0" in diameter.
- Dry-running high pressure liquid bath Double mechanical seal with high abrasion resistant solid silicon carbide faces.
- A centrifugal pump with Dri- Prime system coupled to a diesel engine or electric motor.
- Kirloskar HA 394 engine can be coupled with the pump. Electric motor is also an option.

Pump Specifications

Pump Make	RACORS
Pump Model	Racors 150 VS
Vacuum Capacity	70 cfm
Max. Water Flow	350 m ³ /hr
Suction x Discharge	6" x 6" (150 mm x 150 mm)
Max. Head	28 mtr.
Max. Suction lift	9 mtr.
Max. Solid handling	3"

Performance Curve



Engine Specification

Engine	KIRLOSKAR HA 394, 3 Cylinder, Air cooled Diesel Engine
Capacity	38 HP
Speed	1800 RPM
Starting	Electric with starter Motor, Charging Alternator, Oil Bath Air cleaner, fuel Injection Pump, Oil filter, Engine mounted Exhaust Silencer, Manual Shut off, Wire Harness & Starting Panel

Material of Construction

Volute Housing	High Grade cast Iron
Pump Shaft	Stainless steel, SS - 304
Impeller	Stainless Steel, SS - 304
Stuffing Box	Stainless Steel, SS - 304 with Double Mechanical seal immersed in oil bath for better efficiency & longer durability
Priming Tank	Aluminium
Mounting	Portable two wheel chassis with built in fuel tank having a fuel Capacity of 160 liters.

Weight & Dimensions

Weight without engine	550 kg
Weight with engine	950 kg
Length x width x height(cm)	214 x 213 x 153cm
20 feet container	6 nos
40 feet container	12 nos

6" OP TYPE DEWATERING PUMP

These pumps are suitable for dewatering, over pumping sewage, drainage pumping, irrigation and chiller plants. The suction and discharge is 150 x 150 mm with closed type impeller with mechanical seal. (Open type impeller also available).

Priming Tank is made of Aluminium and the internal parts are of Teflon, Stainless steel which increase the life and efficiency of the pump. Volute Casing is cast iron (Stainless Steel also available) and it is designed in such a way that the shape helps to give better discharge. Shaft, Impeller, Stuffing box and all other internal parts are made by stainless steel.



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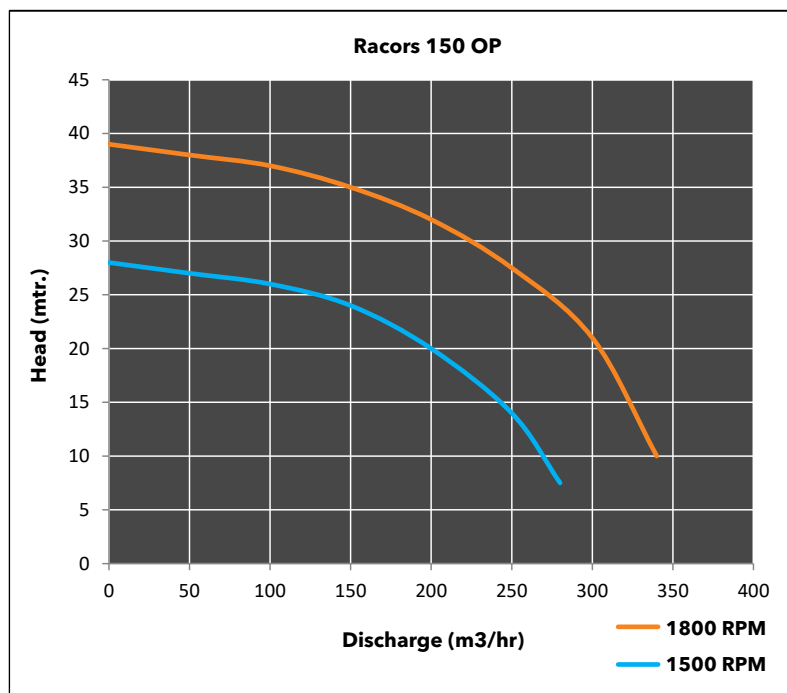
Features and Benefits

- Easy Maintenance normally limited to checking oil levels and filters.
- This dewatering pump used for handling sewage, slurries, and liquids with solids up to 2.0" in diameter.
- Dry-running high pressure liquid bath Double mechanical seal with high abrasion resistant solid silicon carbide faces.
- A centrifugal pump with Dri- Prime system coupled to a diesel engine or electric motor.
- Kirloskar HA 394 engine can be coupled with the pump. Electric motor is also an option.

Pump Specifications

Pump Make	RACORS
Pump Model	Racors 150 OP
Vacuum Capacity	70 cfm
Max. Water Flow	350 m ³ /hr
Suction x Discharge	6" x 6" (150 mm x 150 mm)
Max. Head	40 mtr.
Max. Suction lift	9 mtr.
Max. Solid handling	2"

Performance Curve



Engine Specification

Engine	KIRLOSKAR HA 394, 3 Cylinder, Air cooled Diesel Engine
Capacity	38 HP
Speed	1800 RPM
Starting	Electric with starter Motor, Charging Alternator, Oil Bath Air cleaner, fuel Injection Pump, Oil filter, Engine mounted Exhaust Silencer, Manual Shut off, Wire Harness & Starting Panel

Material of Construction

Volute Housing	High Grade cast Iron
Pump Shaft	Stainless steel, SS - 304
Impeller	Stainless Steel, SS - 304
Stuffing Box	Stainless Steel, SS - 304 with Double Mechanical seal immersed in oil bath for better efficiency & longer durability
Priming Tank	Aluminium
Mounting	Portable two wheel chassis with built in fuel tank having a fuel Capacity of 160 liters.

Weight & Dimensions

Weight without engine	550 kg
Weight with engine	950 kg
Length x width x height(cm)	214 x 213 x 153cm
20 feet container	6 nos
40 feet container	12 nos

6" PISTON TYPE DEWATERING PUMPS

We are engaged in offering a quality assured range of 6" Piston Type Dewatering Pumps, which are known for their heavy duty construction along with lightweight portability.

We use advanced technology in the manufactured process. These dewatering pumps are also known for offering a most economical way in order to solve the dewatering problems.



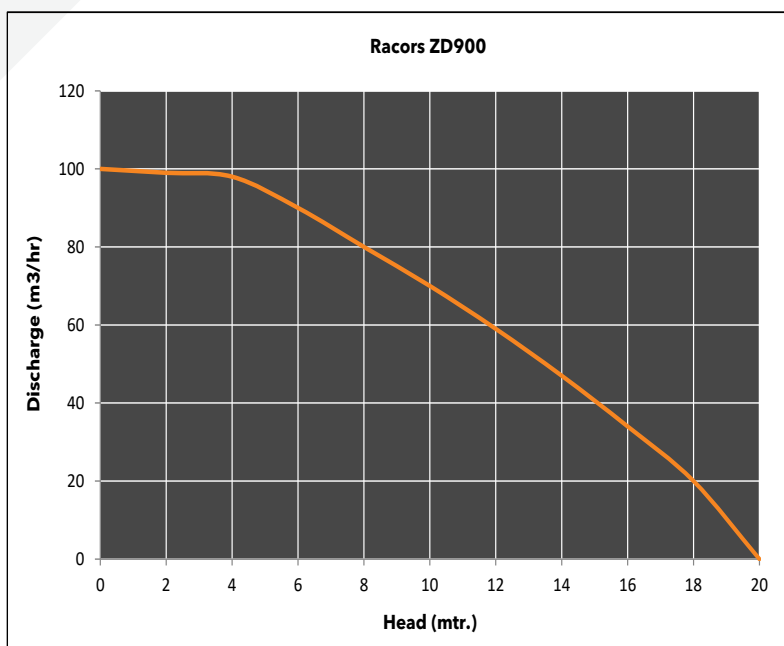
Features and Benefits

- Durable finish
- High strength
- Ease of transport
- Low maintenance
- Less downtime

Pump Specifications

Pump Make	RACORS
Pump Model	Racors - ZD 900
Max. Water Flow	100 m ³ /hr
Max. Head	20 mtr.
Max vacuum	9.4 mtr.

Performance Curve

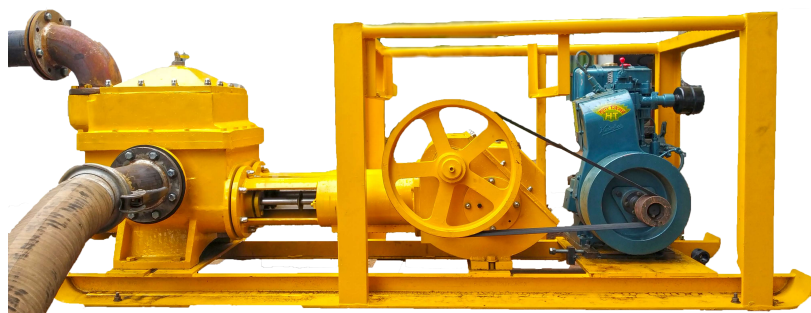


Engine Specification

Engine	(i) KIRLOSKAR DAF10, Single Cylinder Air cooled Engine
	(ii) FIELD MARSHAL GFA5D, Single Cylinder Air cooled Engine
Capacity	10 HP
Speed	1500 RPM

Electric motor Specification

Motor	Crompton 7.50KNE4 Electric Motor
Motor power rating	7.50 kW @ 1455 rpm
Motor description	4 pole, 3 phase, IE2 Efficiency cage induction motor



Material of Construction

Pump casing	High Grade cast Iron
Cylinders	Stainless steel, SS - 304
Piston Rods	Stainless Steel, SS - 304

Weight & Dimensions

Weight without engine	1000 kg
Weight with engine	1100 kg
Length x width x height(cm)	214 x 213 x 153cm
20 feet container	6 nos
40 feet container	12 nos

RACORS

Address : 8/27 (1), Rasi Garden, Thondamuthur Road ,
Coimbatore -641 109 , Tamil Nadu.

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