

## DW SERIES

ENGINE DRIVEN  
PUMPS

# GENERAC FACTORY



## A LEADING ITALIAN COMPANY SINCE 1997

Since 1997, we have dedicated ourselves to the production of mobile light towers. This focus has allowed us to develop innovative products with high performance, versatility and reliability. In 2013 Tower Light was acquired by Generac Power Systems, Inc., the leading American manufacturer of commercial, industrial and portable power generators. This acquisition allowed Tower Light to take a new step forward the development of new innovative products, as well as to increase the available product range. On March 2015 Tower Light Srl has changed its name into Generac Mobile Products Srl. We are a company with ISO 9001 certification and we have established ourselves as the dominant player in the European market, with a worldwide presence and a continuous growth throughout the years.



## R&D



Thanks to our efficient, fast and reliable Research and Development Team, Generac Mobile® since its birth in 1997 has put many milestones on its path. Our Research and Development department has been developing innovative and unique solutions in the market, up from its origins, like the vertical telescopic mast, LED lamps and hybrid engine configurations. R&D skills and twenty years of experience allowed Generac Mobile® to launch on the market new products like: power generators, diesel-driven pumps, dust control units, anti-theft boxes and closed water loop washing bays. R&D staff is 100% focused on increasing the quality of our products and constantly develop new customer oriented solutions.

## SPARE PARTS



Customers are always at the center of every daily action made in Generac Mobile®. The management of spare parts are a great strength point of our organization. Our factory warehouses will meet any request with a real time shipments through express courier. Our spare parts inventory covers every single machine ever manufactured; the service is rapid, efficient and complete and over 90% of orders received are carried out within 48 hours, thanks to a dedicated staff operating with a series of brand-new automated spare parts storage systems. Spare parts service is also supported by authorized workshops of the manufacturers of the engines used on our power generators. They are able to take action quickly and replace damaged engine components with original parts.

## SERVICE



Ensuring a good and quick after-sales service is our first objective here in Generac Mobile®. As part of our business philosophy we believe that if a product is not followed by an adequate after-sales service, then it does not even make sense for this product to exist. Generac Mobile® is constantly focused on developing a network of local service centers across the world able to fix any problem with the best professional approach. As well as being able to support our customers via e-mail or by phone, our Service department is available for technical courses anywhere in the world. At the end of the training, attendees always receive a training-certificate stating that the customer is appointed as an authorized Generac Mobile® workshop in the country of origin.

# HIGH EFFICIENCY PUMPS

## Dry vacuum-assisted pumps

The Generac® Mobile range of portable, engine-driven pumps are purposely built with a 50m<sup>3</sup>/h high performance dry vacuum style pump that guarantees rapid self-priming with minimal operating expense. Continual performance can be attributed to the diaphragm vacuum pump's automatic priming even when loaded with significant air intake. These lines can be used in different range of applications: construction and mine sites dewatering, well point, sewage and by-pass are just a few of the many applications in which this impressive line of pumps can be used.



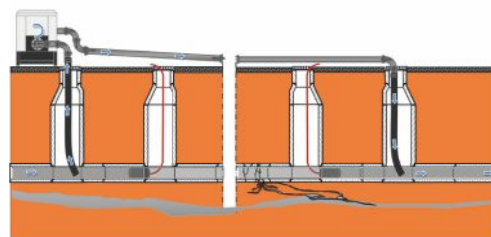
Passive drainage



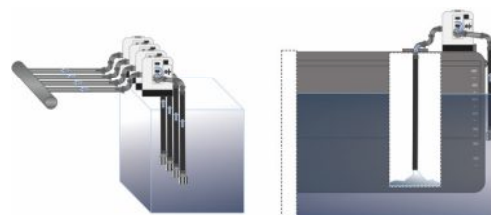
Active drainage



Active drainage by well point system



Hydraulic by-pass

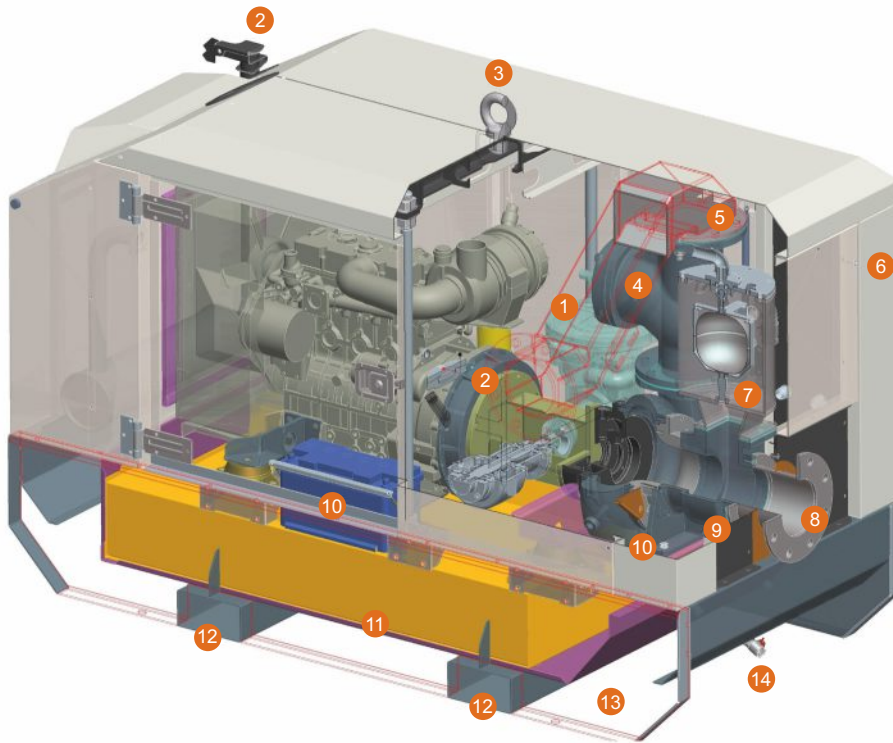


Hydraulic big-flow by-pass

## Self-priming pumps

The Generac® Mobile range of self-priming pumps are built for pumping water with solids holdup, containing sand and mud. The special design makes these pumps suitable for different applications, used at contractor sites, civil service and industry where unclean liquid pumping and water displacement necessary. The open impeller has wide passages for control solids, the standard version is in cast iron type spheroidal with high wear resistance.

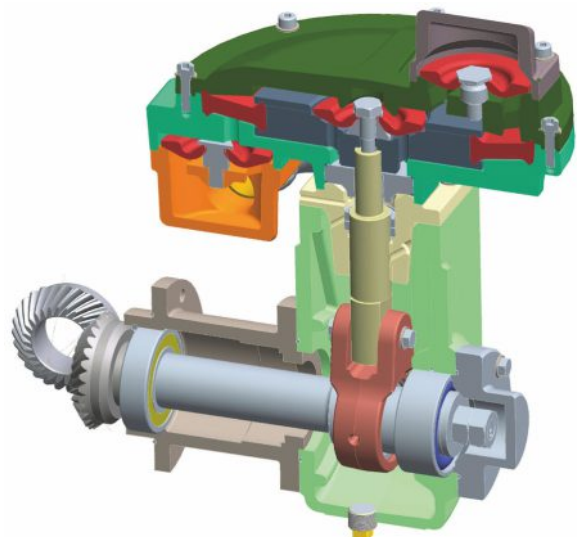
# DRY VACUUM TECHNOLOGY



- 1 Dry vacuum pump
- 2 Exhaust
- 3 Central lifting eye
- 4 Non return valve
- 5 Outlet manifold
- 6 Control panel side
- 7 Air/water separator
- 8 Water inlet coupling
- 9 Pump body and impeller
- 10 Battery
- 11 Fuel tank
- 12 Forklift pockets
- 13 Leakage containment tank
- 14 Drain system valve

## DRY VACUUM PUMP FEATURES:

- Carter in high resistance aluminum
- Kinematics motion in carbon stainless steel
- Diaphragm and Viton valves that allow to use the pump for 2.000 hours without any type of maintenance/substitution
- Double bearing and roll cage
- Volute in cast iron
- Oil lubrication
- Max standard flow: 50 m<sup>3</sup>/h
- Diaphragm pump
- It doesn't require re-fill of water and oil



# DWC-V Series

Dry vacuum-assisted pumps - canopy version



Model	Inlet/Outlet	Engine model	Max. capacity	Max. flow	Min./Max. RPM	Max. head	Solid handling	Impeller diameter	Fuel tank	Run time (min.RPM@75%)	Dimensions WxLxH (mm)	Dry weight
DWC4VP	4"	Perkins 403C-15G	2950 l/min	175 m <sup>3</sup> /h	1500/1800	32 m	34 mm	245 mm	175 l	63 h	1000 x 2150 x 1350	1036 kg
DWC6VP	6"	Perkins 404D-22G	5500 l/min	330 m <sup>3</sup> /h	1500/1800	32 m	75 mm	245 mm	175 l	44 h	1000 x 2150 x 1350	1125 kg

## FEATURES

- 50 m<sup>3</sup>/h dry vacuum system
- 8,5 m self-priming
- Bunded base with drain plug with 110% liquid containment capacity
- High capacity tank for a long operating time
- High performance pump end
- Male/female connectors for external fuel tank
- Control panel with engine alarms, RPM throttle and emergency stop button
- Adjustable engine speed from 1500 to 1800 RPM
- Easy access maintenance doors
- Silenced model with low sound pressure level
- Heavy duty frame and robust skid base complete with forklift pockets and central lifting hook
- Engine cooling system: liquid
- Low maintenance required

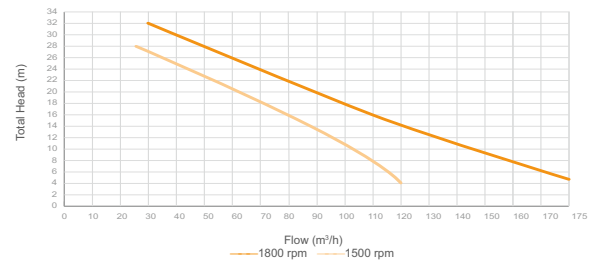


## STANDARD CONTROL PANEL

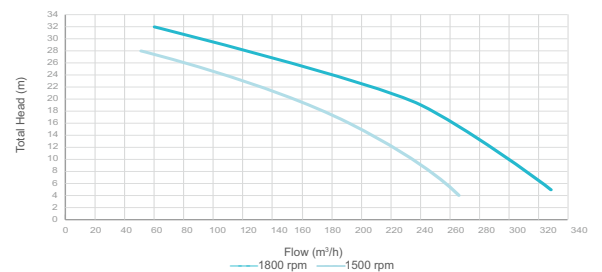
The standard version of this series has a control panel with the following features:

- Starting keys
- Hour counter
- Fuel level monitor
- Vacuum meter
- Battery charge signal lamp
- Oil level signal lamp
- Water temperature signal lamp
- Pre-heating signal lamp

Performance Curves 4"



Performance Curves 6"



## OPTIONS - ACCESSORIES

- Customer color (RAL)
- Site-tow trailer (without brakes)
- Engine pre-heating system
- Treatment for salt water

## OPTIONAL AUTO-START/STOP PUMP CONTROLLER

As option, you can get an electronic controller specifically designed for our pumps.

Its automatic features eliminate the need for personnel to be sent to the worksite, because the functionality of the pump can be programmed or controlled remotely.

- Manual or automatic regulation of engine speed
- Control of hydraulic circuit pressure and engine speed
- Automatic or remote start/stop of the pump
- Engine protection
- Historical failure list
- Two floats for managing the automatic start/stop



# DWA-V Series

## Dry vacuum-assisted pumps - open set version



Model	Inlet/Outlet	Engine model	Max. capacity	Max. flow	Min./Max. RPM	Max. head	Solid handling	Impeller diameter	Fuel tank	Run time (min.RPM@75%)	Dimensions WxLxH (mm)	Dry weight
DWA4VP	4"	Perkins 403C-15G	2950 l/min	175 m <sup>3</sup> /h	1500/1800	32 m	34 mm	245 mm	175 l	63 h	980 x 2010 x 1220	800 kg
DWA4VD	4"	Deutz F2L-2011	2950 l/min	175 m <sup>3</sup> /h	1500/1800	32 m	34 mm	245 mm	175 l	67 h	980 x 2010 x 1220	800 kg
DWA6VP	6"	Perkins 404D-22G	5500 l/min	330 m <sup>3</sup> /h	1500/1800	32 m	75 mm	245 mm	175 l	44 h	980 x 2010 x 1220	890 kg
DWA6VD	6"	Deutz F3L-2011	5500 l/min	330 m <sup>3</sup> /h	1500/1800	32 m	75 mm	245 mm	175 l	46 h	980 x 2010 x 1220	890 kg



## FEATURES

- 50 m<sup>3</sup>/h dry vacuum system
- 8,5 m self-priming
- High capacity tank for a long operating time
- High performance pump end
- Male/female connectors for external fuel tank
- Control panel with engine alarms, RPM throttle and emergency stop button
- Adjustable engine speed from 1500 to 1800 RPM
- Robust skid base complete with forklift pockets and central lifting hook
- Engine cooling system: liquid (Perkins) or air (Deutz)
- Low maintenance required

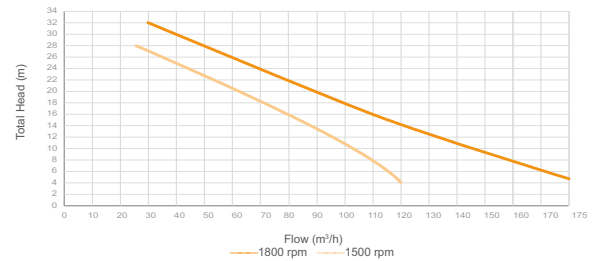


## STANDARD CONTROL PANEL

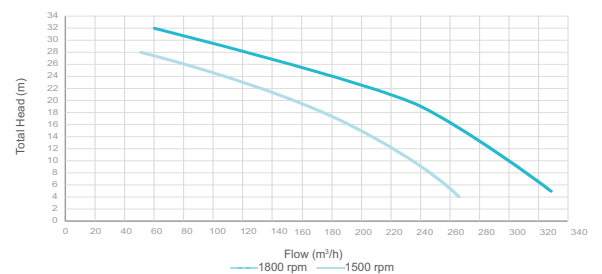
The standard version of this series has a control panel with the following features:

- Starting keys
- Hour counter
- Fuel level monitor
- Vacuum meter
- Battery charge signal lamp
- Oil level signal lamp
- Water temperature signal lamp
- Pre-heating signal lamp

Performance Curves 4"



Performance Curves 6"



## OPTIONS - ACCESSORIES

- Customer color (RAL)
- Site-tow trailer (without brakes)
- Engine pre-heating system
- Treatment for salt water
- Top roof canopy

## OPTIONAL AUTO-START/STOP PUMP CONTROLLER

As option, you can get an electronic controller specifically designed for our pumps.

Its automatic features eliminate the need for personnel to be sent to the worksite, because the functionality of the pump can be programmed or controlled remotely.



- Manual or automatic regulation of engine speed
- Control of hydraulic circuit pressure and engine speed
- Automatic or remote start/stop of the pump
- Engine protection
- Historical failure list
- Two floats for managing the automatic start/stop

# DWC-S Series

## Self-priming pumps - canopy version



Model	Inlet/Outlet	Engine model	Max. capacity	Max. flow	Min./Max. RPM	Max. head	Solid handling	Impeller diameter	Fuel tank	Run time (min.RPM@75%)	Dimensions WxLxH (mm)	Dry weight
DWC4SP	4"	Perkins 403-D15	2500 l/min	150 m <sup>3</sup> /h	800/1800	32 m	45 mm	239 mm	100 l	33 h	1100 x 860 x 1100	600 kg
DWC4SD	4"	Deutz D2011-L02	2500 l/min	150 m <sup>3</sup> /h	800/1800	32 m	45 mm	239 mm	100 l	33 h	1100 x 860 x 1100	675 kg
DWC6SP	6"	Perkins 404-D22	5500 l/min	325 m <sup>3</sup> /h	800/1800	38 m	76 mm	280 mm	140 l	30 h	1650 x 1060 x 1300	930 kg
DWC6SD	6"	Deutz D2011-L03	5500 l/min	325 m <sup>3</sup> /h	800/1800	38 m	76 mm	280 mm	140 l	25 h	1650 x 1060 x 1300	1010 kg
DWA8SF	8"	FPT F32MNSX00	9000 l/min	550 m <sup>3</sup> /h	800/1800	40 m	50 mm	350 mm	300 l	19 h	2214 x 1215 x 1530	1580 kg
DWC10SF	10"	FPT N45MSTX20	13000 l/min	750 m <sup>3</sup> /h	800/1800	30 m	75 mm	390 mm	300 l	12 h	2690 x 1110 x 1480	2100 kg
DWC12SD	12"	Deutz BF6M-2012-C	25000 l/min	1500 m <sup>3</sup> /h	800/2200	36 m	90 mm	400 mm	300 l	8 h	3488 x 1360 x 1480	2800 kg

## FEATURES

- 8 m self-priming
- High capacity tank for a long operating time
- High performance pump end
- Open blades impeller and wear plate in spheroidal cast iron
- Mechanical seal: widia on widia without maintenance
- Pump body in cast iron type EN JGL 250
- Control panel with engine alarms, RPM throttle and emergency stop button
- Easy access maintenance doors
- Silenced model with low sound pressure level
- Heavy duty frame and robust skid base complete with forklift pockets and central lifting hook
- Engine cooling system: liquid (Perkins or FPT) or air (Deutz)



## STANDARD CONTROL PANEL

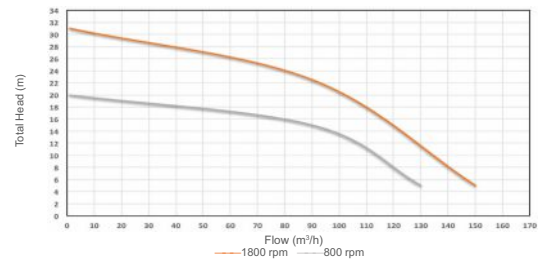
The standard version of this series has a control panel with the following features:

- Starting keys
- Hour counter
- Fuel level monitor
- Battery charge signal lamp
- Oil level signal lamp
- Water temperature signal lamp
- Pre-heating signal lamp

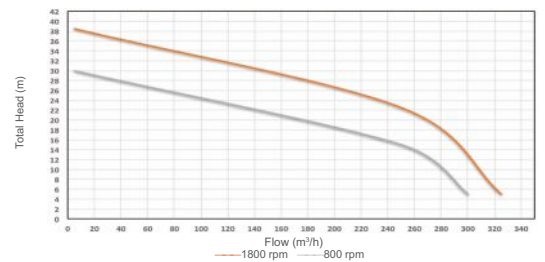
## OPTIONS - ACCESSORIES

- Customer color (RAL)
- Site-tow trailer (without brakes)
- Treatment for salt water

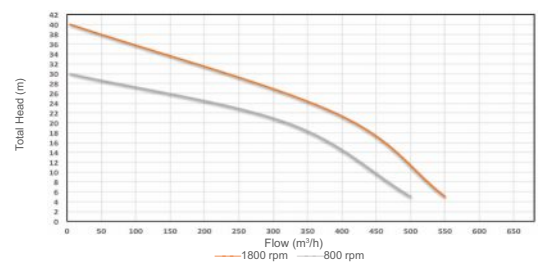
Performance Curves 4"



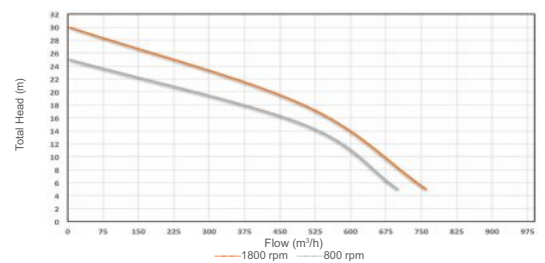
Performance Curves 6"



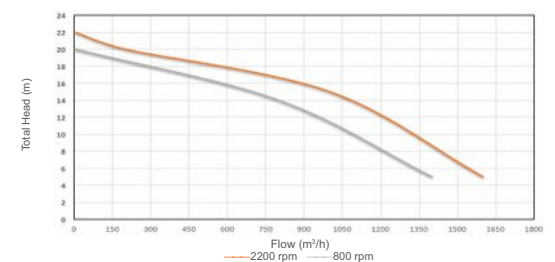
Performance Curves 8"



Performance Curves 10"



Performance Curves 12"



# DWA-S Series

## Self-priming pumps - open set version



Model	Inlet/Outlet	Engine model	Max. capacity	Max. flow	Min./Max. RPM	Max. head	Solid handling	Impeller diameter	Fuel tank	Run time (min.RPM@75%)	Dimensions WxLxH (mm)	Dry weight
DWA4SP	4"	Perkins 403-D15	2500 l/min	150 m <sup>3</sup> /h	800/1800	32 m	45 mm	239 mm	100 l	33 h	1100 x 860 x 1100	480 kg
DWA4SD	4"	Deutz D2011-L02	2500 l/min	150 m <sup>3</sup> /h	800/1800	32 m	45 mm	239 mm	100 l	33 h	1100 x 860 x 1100	555 kg
DWA6SP	6"	Perkins 404-D22	5500 l/min	325 m <sup>3</sup> /h	800/1800	38 m	76 mm	280 mm	140 l	30 h	1650 x 1060 x 1300	750 kg
DWA6SD	6"	Deutz D2011-L03	5500 l/min	325 m <sup>3</sup> /h	800/1800	38 m	76 mm	280 mm	140 l	25 h	1650 x 1060 x 1300	830 kg
DWA8SF	8"	FPT F32MNSX00	9000 l/min	550 m <sup>3</sup> /h	800/1800	40 m	50 mm	350 mm	300 l	19 h	2214 x 1215 x 1530	1320 kg
DWA10SF	10"	FPT N45MSTX20	13000 l/min	750 m <sup>3</sup> /h	800/1800	30 m	75 mm	390 mm	300 l	12 h	2690 x 1110 x 1480	1800 kg
DWA12SD	12"	Deutz BF6M-2012-C	25000 l/min	1500 m <sup>3</sup> /h	800/2200	36 m	90 mm	400 mm	300 l	8 h	3488 x 1360 x 1480	2500 kg

## FEATURES

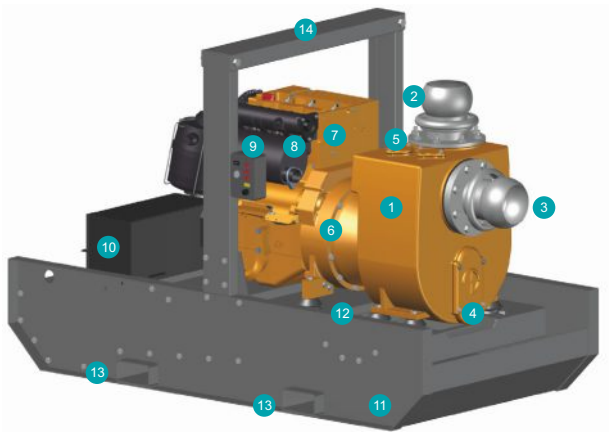
- 8 m self-priming
- High capacity tank for a long operating time
- High performance pump end
- Open blades impeller and wear plate in spheroidal cast iron
- Mechanical seal: widia on widia without maintenance
- Pump body in cast iron type EN JGL 250
- Control panel with engine alarms, RPM throttle and emergency stop button
- Heavy duty skid base complete with forklift pockets and central lifting hook
- Engine cooling system: liquid (Perkins of FPT) or air (Deutz)



## STANDARD CONTROL PANEL

The standard version of this series has a control panel with the following features:

- Starting keys
- Hour counter
- Fuel level monitor
- Battery charge signal lamp
- Oil level signal lamp
- Water temperature signal lamp
- Pre-heating signal lamp

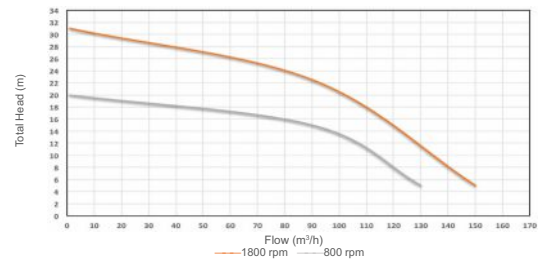


- |                    |                          |
|--------------------|--------------------------|
| 1 Casing           | 8 Exhaust                |
| 2 Water Outlet     | 9 Frontal panel          |
| 3 Water Inlet      | 10 Battery support plate |
| 4 Inspection plate | 11 Skid base             |
| 5 Inlet plates     | 12 Fuel tank             |
| 6 Bell coupling    | 13 Forklift pockets      |
| 7 Engine           | 14 Lifting frame         |

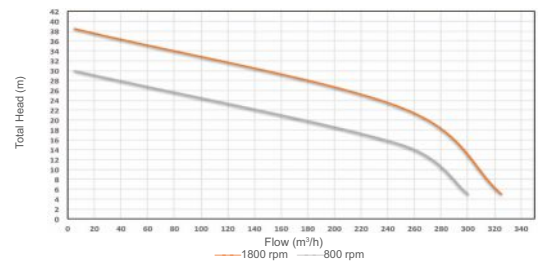
## OPTIONS - ACCESSORIES

- Customer color (RAL)
- Site-tow trailer (without brakes)
- Treatment for salt water

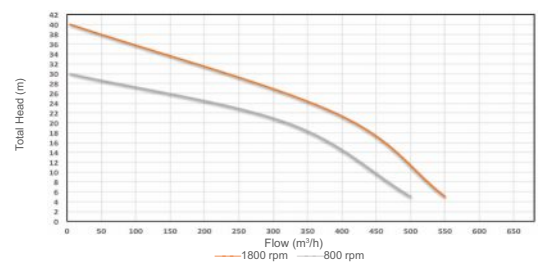
Performance Curves 4"



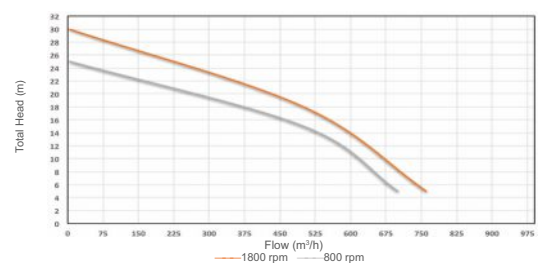
Performance Curves 6"



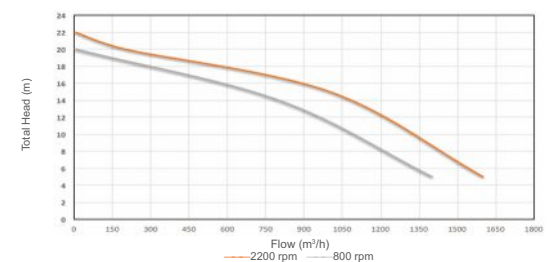
Performance Curves 8"



Performance Curves 10"



Performance Curves 12"



# LIGHTING TOWERS

*The world's largest range of mobile lighting towers since 1997. Throughout the years, Generac® Mobile has developed a line of innovative models with high performance, versatility and reliability, to meet any customer's need.*



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# DUST FIGHTERS

*Powerful dust suppression units suitable for different fields of application like demolitions, mines and quarries, waste dumps, asbestos removal, environmental repairs and much more.*



# POWER GENERATORS

*A wide series of high performance diesel-driven power generators, available in different configurations and able to satisfy many requirements regardless of the field of activity.*



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# WASH RACKS

*Environmental friendly, closed loop mobile wash systems able to recycle water through a filter system for mud, hydrocarbons and oil.*



DISTRIBUTOR:

**GENERAC** | **MOBILE**

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