Our submersible clean water pumps – overview:

	ProMax MudDrain 6000	ProMax MudDrain 7000 to 20000				ProMax MudDrain 25000 to 30000	
	Compact pumps for small clean-up jobs	*Reliable coarse debris displacement of particles up to 30 mm in size*				*Powerful pumps for large volumes of water*	
ProMax MudDrain							
Model	**6000**	**7000**	**11000**	**14000**	**20000**	**25000**	**30000**
Flow rate – Q max.	6.000 l/h	7.500 l/h	11.500 l/h	14.500 l/h	20.000 l/h	25.000 l/h	30.000 l/h
Delivery head – H max.	5 m	5 m	7 m	11 m	10 m	10 m	12 m
Power consumption	250 W	325 W	625 W	950 W	950 W	1.200 W	1.500 W
Grain size – max.	25 mm	30 mm	30 mm	30 mm	35 mm	40 mm	40 mm

Small powerhouse

ProMax MudDrain 6000 – *dirty water pump*

Comfortable handling

Ergonomic handle

Easy connection installation

Lateral 1¼" pressure port

Robust and reliable

Automatic pump switch-on and switch-off through the float switch

Easy to connect

Incl. 90° bend and stepped adapter

Water cooling

The pump design ensures that water flows around the motor, even at low water levels

Excellent displacement of dirty water

With a generously dimensioned intake opening for particles up to 25 mm in diameter

Extras

Top product characteristics

"A cool head"

- *Optimal thermal dissipation even at low water level thanks to the design that ensures water flows around the motor housing*

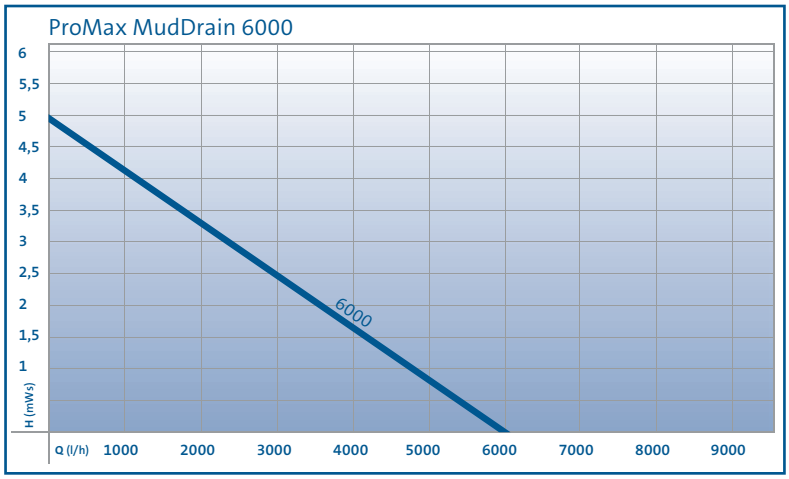
Effective

- *Pumps water with debris particles up to 25 mm in diameter*

Light and simple

- *Complete outer housing made of high-quality plastic*

Quick-release couplings & hoses from page 426



ProMax MudDrain

Technical data

Model		6000
Flow rate – Q max.	l/h	6000
Delivery head – H max.	m	5.00
Pressure – max.	bar	0.5
Power consumption	W	250
Power consumption	hp	0.3
Rated voltage		230 V / 50 Hz
Guarantee *	Years	2
Immersion depth max.	m	7.00
Grain size – max.	mm	25
Flat priming to	mm	-
Automatic function		Float switch
Pressure-side connection		1 ¼"
Power cable length	m	10.00
Protection class		IP X8
Net weight	kg	4.70
Dimensions (L x W x H)	mm	178 x 237 x 363
Item no. (GB-Version)		not available in GB!
Item number		47748

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A cool head when it matters

ProMax MudDrain – *submersible dirty water pumps*

Optimal particle throughout

Rear 1½" pressure port for ideal flow-through and minimal resistance

Versatile

Adjustable handle

Robust and reliable

Automatic pump switch-on and switch-off through the float switch

Solid

High-quality and robust stainless steel housing

Easy to connect

Incl. 90° bend and stepped adapter

Well-protected

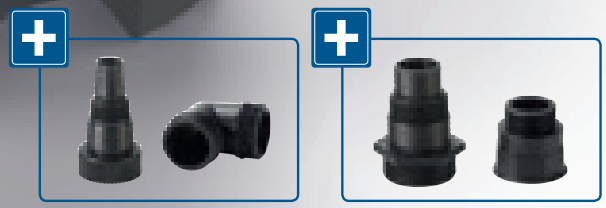
Ceramic-coated stainless steel shaft

Powerful

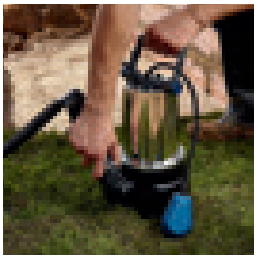
Large motors

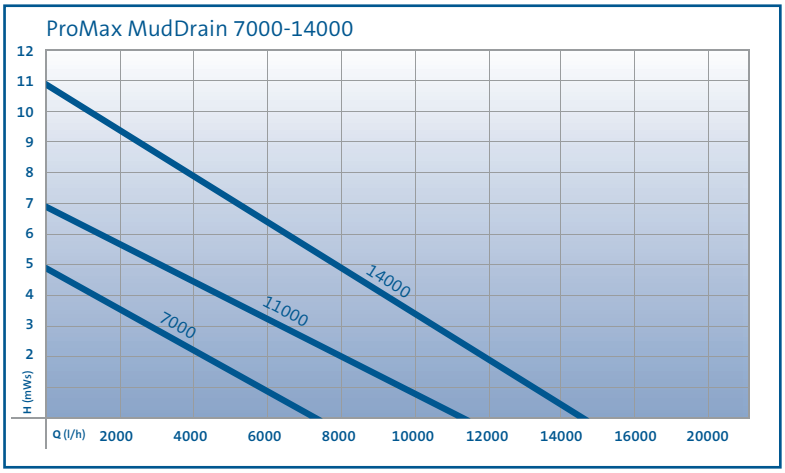
Secure stance

Minimal start-up pulses thanks to pressure port positioned along the central axis



Product details





Extras

Top product characteristics

Adjustable handle:

- *Easy and reliable positioning of the float in different positions*
- *Convenient mounting on the connection of the pressure port positioned on top, through flipping it up*
- *Can be unscrewed for permanent installation*
- *Groove for rope fixation*

For coarse debris:

- *All models pump water with debris up to 30 mm in diameter*

"A cool head":

- *Optimal heat dissipation of the motor thanks to water cooling, in conjunction with the stainless steel housing*

C-couplings & flat hoses from page 424

ProMax MudDrain

Technical data

Model		7000	11000	14000
Flow rate – Q max.	l/h	7500	11500	14500
Delivery head – H max.	m	5.00	7.00	11.00
Pressure – max.	bar	0.5	0.7	1.1
Power consumption	W	325	625	950
Power consumption	hp	0.4	0.8	1.3
Rated voltage		230 V / 50 Hz		
Guarantee (+ request guarantee)*	Years	2 + 1		
Immersion depth max.	m	7.00		
Grain size – max.	mm	30		
Flat priming to	mm	-		
Automatic function		Float switch		
Pressure-side connection		1 ½"		
Power cable length	m	10.00		
Protection class		IP X8		
Net weight	kg	5.60	6.80	8.20
Dimensions (L x W x H)	mm	193 x 247 x 395	193 x 247 x 422	
Item no. (GB-Version)		42271	42272	42273
Item number		**42266**	**42267**	**42268**

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Big and cool

ProMax MudDrain – *submersible dirty water pumps*

"A cool head":

Optimal heat dissipation of the motor thanks to water cooling- ideal for a long pump life

Custom adjustment

Easy clip function allowing different float positions

Versatile

Adjustable handle

Powerful

Strong displacement

Solid

High-quality and robust stainless steel housing

Well-protected

Ceramic-coated stainless steel shaft

Robust and reliable

Automatic pump switch-on and switch-off through the float switch

Optimal particle displacement

Pressure duct is positioned tangentially, appropriate for the water flow

Secure stance

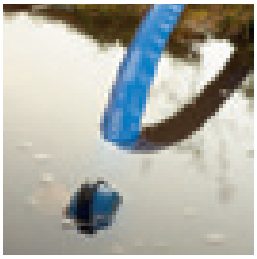
Robust stainless steel base

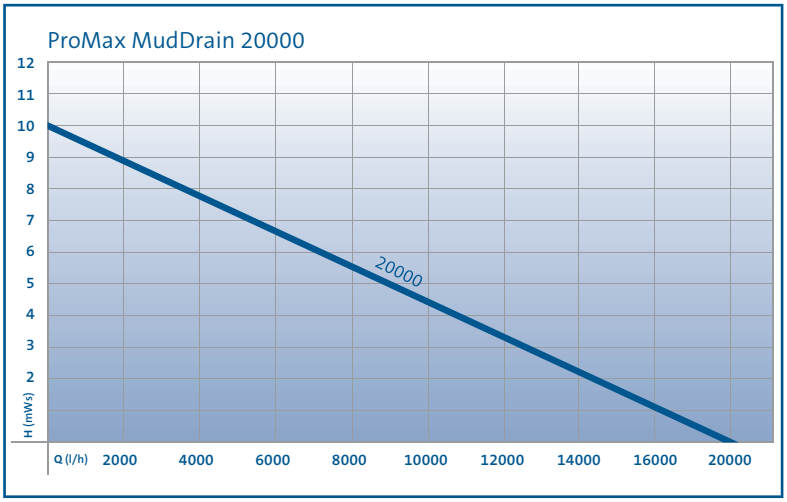
For coarse debris

Pumps debris particles up to 35 mm in diameter

Product details







Extras

Top product characteristics

"A cool head"

- *Optimal heat dissipation of the motor thanks to water cooling, in conjunction with the stainless steel housing*

Adjustable handle

- *Easy and reliable positioning of the float in different positions*
- *Convenient mounting on the connection of the pressure port positioned on top, through flipping it up*
- *Can be unscrewed for permanent installation*
- *Groove for rope fixation*

Ideal load distribution

- *Generous contact surface made of high-quality stainless steel prevents pressure points and / or sinking in - despite its high weight, it is also safe on sensitive coverings, e.g. liner*

Quick-release couplings & flat hoses from page 426

ProMax MudDrain

Technical data

Model		20000
Flow rate – Q max.	l/h	20000
Delivery head – H max.	m	10.00
Pressure – max.	bar	1.0
Power consumption	W	950
Power consumption	hp	1.3
Rated voltage		230 V / 50 Hz
Guarantee (+ request guarantee) *	Years	2 + 1
Immersion depth max.	m	7.00
Grain size – max.	mm	35
Flat priming to	mm	-
Automatic function		Float switch
Pressure-side connection		1 ½"
Power cable length	m	10.00
Protection class		IP X8
Net weight	kg	8.10
Dimensions (L x W x H)	mm	200 x 254 x 440
Item no. (GB-Version)		57769
Item number		57766

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Our powerhouse

ProMax MudDrain – *submersible dirty water pumps*

For big bodies of water

Pumps 30000 litres
of water per hour

Robust

Ergonomic handle
with stainless steel
reinforcement

Solid

High-quality and
robust stainless
steel housing

Reliable

Proven seal set
with oil chamber

Powerful

Large motors

Robust and reliable

Perfectly suitable for
use underwater

For really coarse debris

Pumps debris particles
up to 40 mm in diameter

Full passage

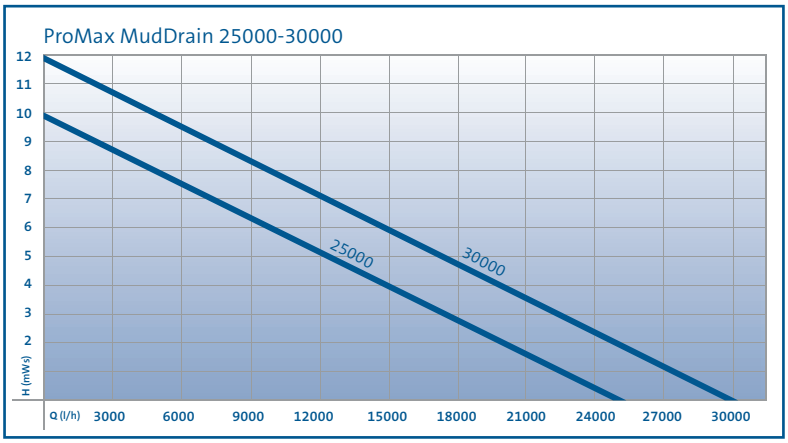
2" connection for
optimal particle outflow

Secure stance

Robust stainless steel base

Product details





Extras

Top product characteristics

High-quality impeller

- *Cast, balanced stainless steel vortex impeller*
- *Pumps coarse up to 40 mm in the vortex principle*

Massive impeller housing

- *Robust grey cast iron with paint finish*

Ideal load distribution

- *Generous contact surface made of high-quality stainless steel prevents pressure points and / or sinking in - despite its high weight, it is also safe on sensitive coverings, e.g. liner*

C-couplings & flat hoses from page 424

ProMax MudDrain

Technical data


Model		25000	30000
Flow rate – Q max.	l/h	25000	30000
Delivery head – H max.	m	10.00	12.00
Pressure – max.	bar	1.0	1.2
Power consumption	W	1200	1500
Power consumption	hp	1.6	2
Rated voltage		230 V / 50 Hz	
Guarantee (+ request guarantee)*	Years	2 + 1	
Immersion depth max.	m	7.00	
Grain size – max.	mm	40	
Flat priming to	mm	-	
Automatic function		Float switch	
Pressure-side connection		2"	
Power cable length	m	10.00	
Protection class		IP 68	
Net weight	kg	13.60	14.10
Dimensions (L x W x H)	mm	178 x 246 x 453	
Item no. (GB-Version)		57770	57771
Item number		**57767**	**57768**

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Guide – Drainage

Draining with the pros

Submersible clean water pumps

- ProMax ClearDrain 6000 / 7000 / 11000 / 14000
- Whether as a **rescuer** in need when water gets into the basement or to pump out or transfer clean or murky water, the new OASE ProMax ClearDrain submersible clean water pumps are on hand **for every application.** Immediately ready for implementation in **3 capacity levels** 7500, 11500 and 14500 litres per hour, each with optional **shallow-priming to 1 mm** (starting with ClearDrain 7000).

Submersible dirty water pumps

- ProMax MudDrain 6000 / 7000 / 11000 / 14000 / 20000
- Whether contaminated water must be pumped out of **shafts or pools** – the OASE ProMax MudDrain pumps are designed for these challenging tasks. The **powerful** and robust OASE ProMax MudDrain pumps with delivery rates between 6000 and **20000 litres** per hour, pump polluted water with debris particles to a diameter of **35 mm** (starting with MudDrain 20000).

Submersible dirty water pumps and construction pumps

- ProMax MudDrain 25000 / 30000
- Whether polluted water must be pumped out of **construction pits, shafts or pools** – the OASE ProMax MudDrain pumps are designed for these challenging tasks. The **powerful** and robust OASE ProMax MudDrain pumps with delivery rates of **up to 30000 litres** per hour, pump polluted water with debris particles to a diameter of **40 mm.**

Specialised information for future professionals

Pump performance curve or capacity diagram

- *Shows the ratio of delivery rate Q (litres per hour) to delivery head H (in metre). In this regard 10 m delivery head also equals 1 bar. When the performance curves reaches maximum delivery head, the delivery capacity drops to 0, when the delivery head drops to 0 the pump achieves max. delivery capacity.*
- *The actual operating point in the system can be determined with the aid of the performance curve.*

Pressure losses of lines or pipe friction losses

- *The pressure losses per metre of line length depend on the delivery capacity and the line cross section.*

Displacement of debris particles

- *The smallest cross section determines the actual possible particle displacement.*
- *Pay attention to hose and couplings.*

Tip!

Easy, if you know how:

Use drainage pumps correctly

- *Drainage pumps are real powerhouses that pump the greatest possible amount of water in the shortest possible time, and in the process they overcome customary delivery heights. This means that the pumps are designed for intermittent operation and always start up when the sensor or the float activates the pump. If you are looking for pumps for permanent circulation or water movement, please choose the suitable model from our assortment of filter and watercourse pumps or fountain pumps.*

Take advantage of the delivery capacity of your drainage pump

- *The larger the hose diameter, the better chance you can achieve the greatest possible delivery capacity.*
- *Also pay particular attention to the cross sections of couplings, connection pieces, valves or fittings. The smallest free cross section in the entire line system has the deciding influence on the undesired reduction of delivery capacity.*

Avoid entrapped air in the hose

- *Ensure that any air trapped in the hose can freely escape. If there is an air bubble in the hose, it is possible that the pump is working but no water exits from the end of the hose. Consequently, it is particularly important to enable venting of the hose.*

Cable protection

- *Always use the handle to carry the pump.*
- *Fasten a rope to the handle when you lower the pump into deeper shafts.*

Is a non-return valve or similar device part of your installation?

- *Unlike water, air can be compressed. Consequently, when starting up, ensure correct ventilation in the line area between pump and valve.*
- *The more contaminated the water, the more frequently the valve can be impaired in its function. Check the valve for correct function at regular intervals.*

Specialised information for future professionals

The operating point

- *The operating point shows the actual delivery capacity with consideration of the complete installation. This is where the vertical intake height must be overcome, friction losses in the lines, direction changes, cross section changes, fittings, etc. are determined and are identified as required pressure demands in mwc (metre water column) or bar. This means that if the entire loss, for example, is 4 mwc*, the actual delivery capacity of the system is 4000 litres* per hour.*

** Sample values*