



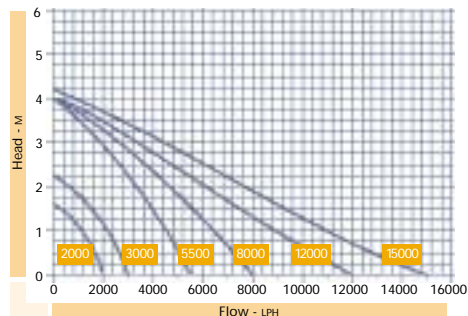
titan[®] pumps

Solids handling pump
for waterfalls and
filtration



P e r f e c t P o n d s M a d e S i m p l e

www.hozelock.com



Titan Performance Data

| Model | Max Flow | Max Head | Flow @ 1m | Solids Handling Range | Waterfall Width @ 0.6m | Waterfall Width @ 1m | Hose Diameter |
|-------|--------------------|------------------|---------------------|-----------------------|------------------------|----------------------|---------------|
| 2000 | 2000LPH (440GPH) | 1.60 m (5' 03") | 1100 LPH (250GPH) | 0 - 4 mm | 0.10 m (0' 04") | 0.08 m (0' 03") | 20 - 40 mm |
| 3000 | 3000LPH (660GPH) | 2.30 m (7' 06") | 2200 LPH (500GPH) | 0 - 4 mm | 0.18 m (0' 07") | 0.15 m (0' 06") | 20 - 40 mm |
| 5500 | 5500LPH (1210GPH) | 3.80 m (12' 06") | 4500 LPH (1000GPH) | 0 - 8 mm | 0.36 m (1' 02") | 0.29 m (1' 00") | 20 - 40 mm |
| 8000 | 8000LPH (1500GPH) | 4.00 m (13' 02") | 6800 LPH (1500GPH) | 0 - 8 mm | 0.48 m (1' 07") | 0.38 m (1' 03") | 20 - 40 mm |
| 12000 | 12000LPH (2600GPH) | 4.00 m (13' 02") | 9000 LPH (2000GPH) | 2 - 10 mm | 0.99 m (3' 02") | 0.83 m (2' 07") | 20 - 40 mm |
| 15000 | 15000LPH (3300GPH) | 4.20 m (13' 09") | 11000 LPH (2400GPH) | 2 - 10 mm | 1.23 m (4' 00") | 1.07 m (3' 05") | 20 - 40 mm |

The pages that follow, on filtration, explain in detail how a solids handling pump fits in with the whole Cyprio filtration philosophy that has so successfully kept ponds clear for 20 years.

Get the polluting solids out of the pond into a filter where they help the growth of beneficial bacteria and can also be much more easily collected and disposed of. Titan pumps are specifically designed for this purpose.

Use a Titan for:

In addition to filtration, Titans are also excellent pumps for waterfalls and watercourses. This is because they can pump high volumes of water in continuous use, with high resistance to clogging.

Of course, many customers will take pond water to a filter and then back to the pond via a waterfall. This is particularly attractive with Bioforce filters as the water leaves the filter under pressure and so can be run up to the waterfall, leaving the Bioforce hidden below.

Key Features of Titan Pumps

The Titan range has been specifically designed for continuous running with minimum cleaning. Titans have the ability to pump solid particles up to 10mm without blocking (4mm with Titan 2000, 3000 - 8mm with 5500 and 8000 - and 10mm with 12000 and 15000). They are suitable for filtration, waterfalls and watercourses.

More Performance

The large intake slots at the base of the pump minimise obstruction to solid particle migration and are specifically placed at the base of the pump in order to collect solids from the floor of the pond. This design maximises the effectiveness of the pump for filtration.

All Titans have unidirectional rotation to maximise pumping efficiency, with open impellers to provide the solids handling capability. (Solids Handling System - SHS)

The Titan 2000 & 3000 use the motor from the mid range Cascades providing unparalleled performance with low running costs.

The larger Titans use heavy duty, asynchronous motors. These use stainless steel rotor sleeving to increase magnetic coupling for maximum performance.

More reliable

Titans are designed to work in the most demanding of pond environments and have to cope with continuous operation, pumping water laden with solid material. The special design of these pumps ensures that they can confidently be offered with a three year guarantee.

All Titans are unique in using TRF protection to prevent motor damage.

All Titans use ceramic shaft and bearings throughout for maximum life.

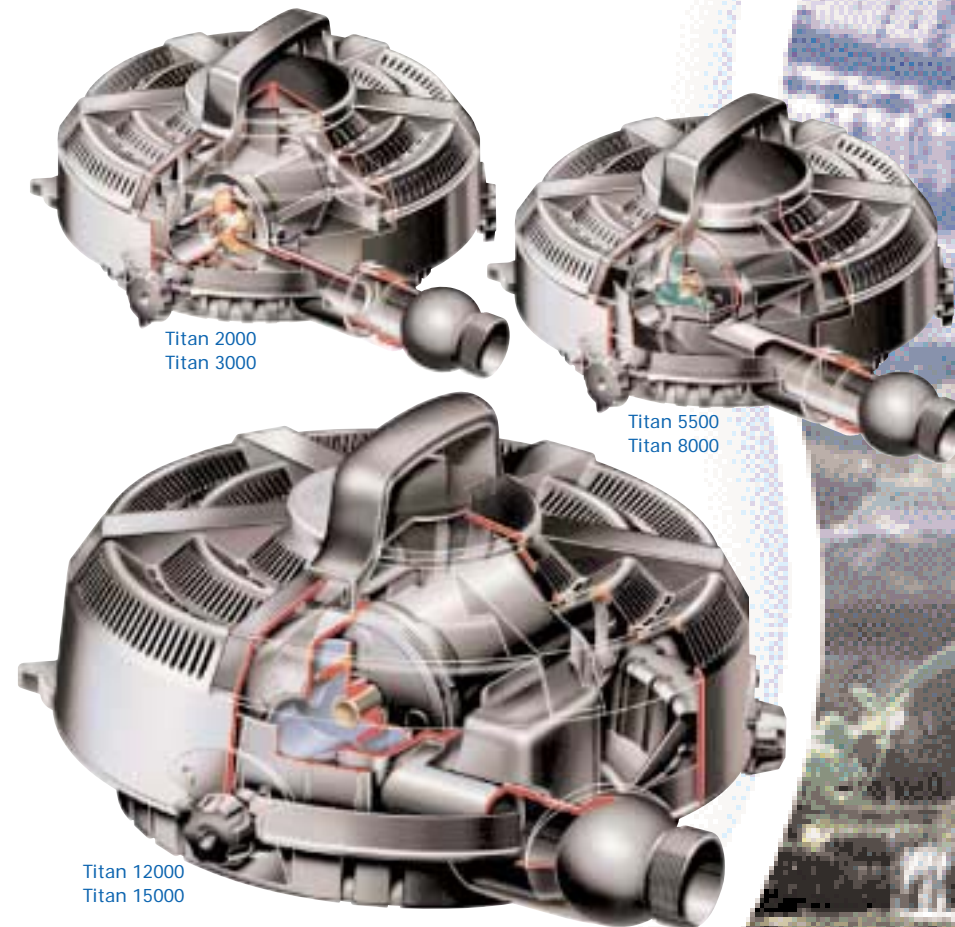
Easy to use

The Titan range is a new generation of solids handling pumps, with unique features to maximise ease of use;

- Each Titan incorporates an anti clog cage.
- In order to ensure the safety of small aquatic life at spawning time the Titan features a unique Wildlife Protection System (WPS). Just slide the lever on the side of the pump to close the intake slot holes down to as small as 2mm.
- The hose can be positioned to lie along the bottom of the pond in any direction from the pump. The inclusion of a ball joint on the pump outlet now makes this even easier.
- Tool free access when maintenance is required. Extra secure locking latches have been added to the cages to hold the pump firmly together yet still allow tool free access.

Guarantee

Titan pumps are guaranteed for 3 years continuous use.



| Part number | Description | Product Bar Code | Pack Qty |
|-------------|----------------------------------|------------------|----------|
| 1451 | Titan 2000 | 50 10646 03250 6 | 2 |
| 1452 | Titan 3000 | 50 10646 03084 7 | 2 |
| 1454 | Titan 5500 | 50 10646 03085 4 | 2 |
| 1456 | Titan 8000 | 50 10646 03086 1 | 2 |
| 1457 | Titan 12000 | 50 10646 03677 1 | 1 |
| 1458 | Titan 15000 | 50 10646 03678 8 | 1 |
| 1470 | Titan Outlet Adaptor (20 - 40mm) | 50 10646 03212 4 | 1 |
| 1460 | Titan 2000 Impeller | 50 10646 03211 7 | 5 |
| 1461 | Titan 3000 Impeller | 50 10646 03210 0 | 5 |