

The logo for Aqua Delta Solar Pumps features a stylized triangle formed by two intersecting lines, one blue and one red, with a green horizontal bar at the base. Below the triangle, the text "Aqua Delta" is written in a large, grey, sans-serif font, and "Solar Pumps" is written in a smaller, grey, sans-serif font below it.

Aqua Delta

Solar Pumps

Factsheet

Solar pump t400d

- Ideal for water level management in spring and summer but also good options for whole year round management.
- Fully driven by solar energy operates without battery packs. In some cases these are needed and we are able to install them as well in that situation
- Maximum yield of 350m³ per day with a non battery system.
- Advised maximum head/lift of 2 meter
- Adapted to customer needs
- Designed and made in-house



Pro's

- Environmental friendly and durable
- No electricity or fuel costs
- Low maintenance costs
- No emissions and low noise
- Good service life expectancy
- Capable of a 2 meter lift/head
- Yield of 35m³ per hour max 40m³/hr
- Maximum yield of 350m³ per day

Other options and possibilities

- Can be made floating
- Extra solarpanels
- Smart Tech System



Solar pump T400d

The solar pump T400d is a in house designed and build piston pump. The pump has a durable design and is made out of heavy duty PE plastic.

The pump is ideal for creating wetlands to improve the habitat for meadow birds. It has very low noise levels and doesn't provide a vantage point for predator birds due to low to field level parts. It will be able in an average situation to keep 3-5 hect wetland inundated at 50% water coverage.

No batteries

The pump is directly driven by the sun so no battery and no electronics. Our pumps are the only in their kind to do so. The great advantage of this is a higher reliability No replacement of batteries every 3 – 4 years. Keeping maintainance costs low. If batteries are needed for instance for whole year round pumping needs we will use only high grade batteries and electronics

Besides this we provide

- Site assessment and water need calculations
- Installation made to situation
- 1 year warranty
- Cheap compared to other options (mains power, wind)
- Purpose designed



Product specifications			
Usage	Inundation for meadow bird management Compensation for fish passes Water level management Water for livestock Drainage systems Disease /pest control by inundation		
Maximum yield	450m ³ water @ 11 hrs sunshine.		
Average yield per day London	Month	Average hours of sunshine (Met office)	Gemiddelde Wateropbrengst
	Januari	1,6	56m ³
	Februari	2,5	88m ³
	Maart	3,4	119m ³
	April	5,2	182m ³
	Mei	6	210m ³
	Juni	6	210m ³
	Juli	6,7	235m ³
	Augustus	6,1	214m ³
	September	4,5	158m ³
	Oktober	3,6	126m ³
	November	2,1	74m ³
December	1,6	56m ³	
Lift/head	Maximum of 2 meter		
Pump type	Piston		
Solar panels	2 to 4 pcs 380 Watt panels. 25 yrs factory warranty. Efficiency loss after 5 years 5%, after 12 yrs 10%, after 18 yrs 15%, after 25 yrs 20 %.		
Frame	Panels are individually mounted in a galvanised frame. Those frames are easy movable. They also can be fixed with anchors to the ground.		
Outlet pipe	Standard included 10 Meter 125mm PE.		
Weight	Pump unit T400d: 110 kilo. Panel in frame: 65 kilo. Total installation with 3 panels +/- 325 kilo		
Dimensions	Pump unit: 150 x 85 x 80 cm. (h x l x b) Panel in frame: 200 x 110 x 100 cm.		
Warranty	One year full in the Netherlands, Western Europe parts warranty and telephone service, service based on mailing parts to be serviced (training of technical personnel with installation), Outside Europe to be negotiated		

