

PRESS RELEASE

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MAVEL ANNOUNCES ADDITION OF TM8 TO ITS MODULAR MICRO TURBINE PRODUCT LINE

Benesov, Czech Republic – 1 March 2016– M a v e l, a.s. (“Mavel”) announced the introduction of the TM8 Turbine, an addition to its TM Modular Micro Turbine (“TM Turbine”) line. The TM8 Turbine is the fourth in Mavel’s TM Turbine line and joins the TM3, TM5 and TM10 models.

Mavel’s TM Turbines are modular micro turbine systems designed as cost effective solutions to capture the energy of the flow of water at existing or new low flow / low head facilities. The TM Turbine includes a Kaplan-type runner with four manually adjustable blades. The runner is connected to an asynchronous generator directly or by a belt drive. Features of the TM Turbine package include modular design, siphon technology, manual blade adjustment, short delivery times and proven performance. Moreover, the TM Turbines do not require an enclosed powerhouse as they can be installed on support brackets attached to a weir structure.

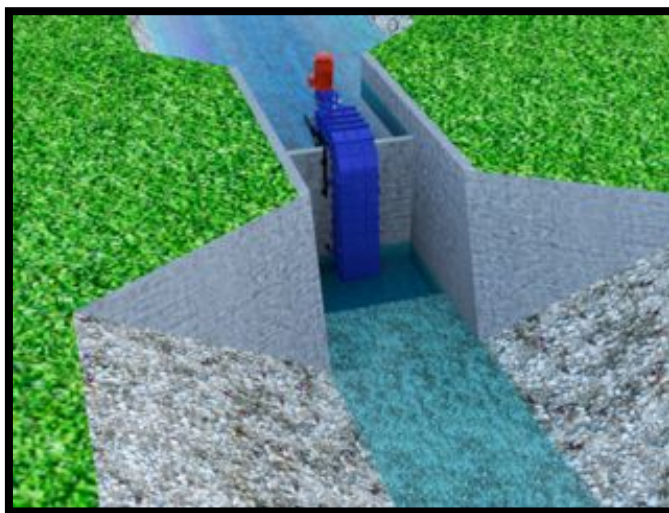
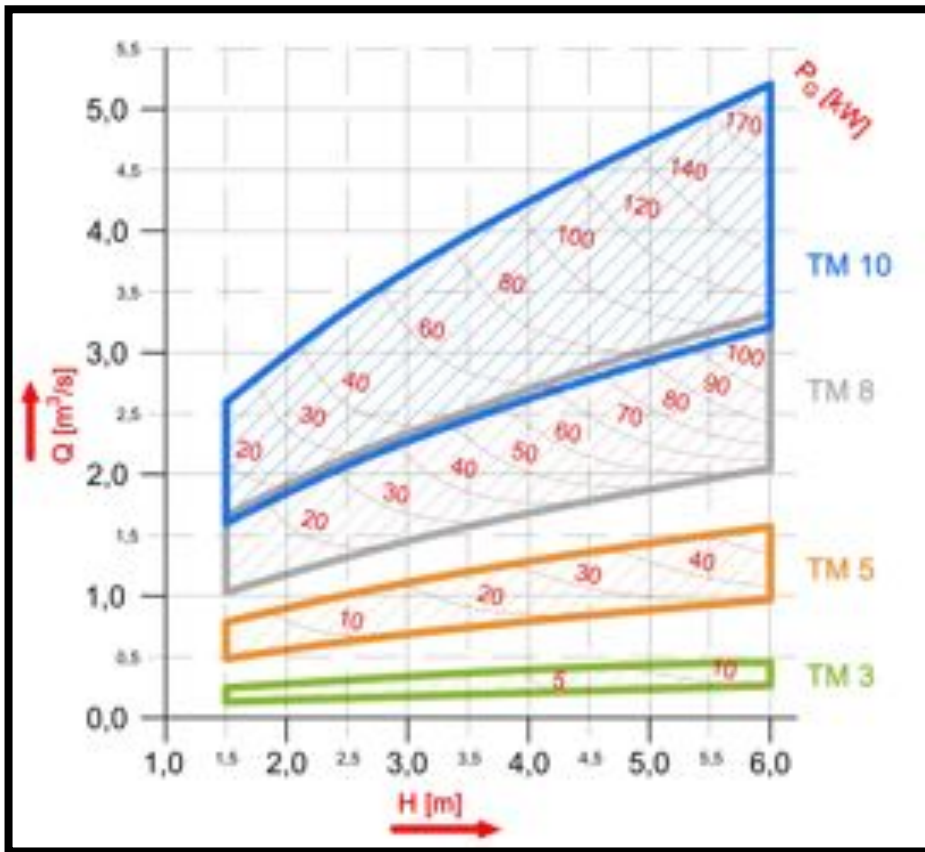


Illustration of TM Turbine Attached to Existing Weir

The TM8 turbine has an 850 mm runner diameter, operates with a head range of 2 to 5 meters (7 to 16 feet), flow of 1.5 to 3 cms (52 to 106 cfs) and power output of 20 to 100 kW. Mavel developed this new size in order to meet the design requirements of its customers and complete the range. The operating parameters and power output of each of the TM3, TM5, TM8 and TM10 are illustrated in the graph below.



Head and Flow Chart of TM Modular Micro Turbines

Mavel has installed over 65 TM turbines globally at sites in Bulgaria, Czech Republic, Finland, Germany, Italy, Japan, Latvia, Poland, Slovakia, Slovenia, Ukraine and the USA. The the modularity of the system facilitates its use on weirs, with preexisting powerhouses or on irrigation systems.

TM Modular Micro Turbine Installations



Head of the U HPP, USA
8 x TM10 Turbines



Kyoto HPP, Japan
1 x TM5 Turbine



Olawa II HPP, Poland
3 x TM10 Turbines

Mavel is a global leader in the supply of Kaplan, Francis, Pelton and TM Modular Micro Turbines and related equipment for hydroelectric power plants utilizing turbines from 30 kW to 30+ MW. Over the past twenty-five years, the company has installed or signed contracts for over 470 turbines at more than 300 sites in 36 countries around the world. Mavel is ISO 9001:2008, ISO 14001:2004 and ISO 3834-2:2005 certified and produces its turbines at the company's state-of-the-art manufacturing facilities in the Czech Republic.