

TM Micro

READY-TO-INSTALL PACKAGE

Pre-assembled siphon turbines from 5 to 160 kW that mount directly onto an existing weir — turbine, generator, draft tube and controls in one factory-tested package. No powerhouse, minimal civil works.

HEAD 1.5 – 6 m	FLOW 0.15 – 5 m³/s	OUTPUT 5 – 160 kW	RUNNER Ø 300 – 1 000 mm
--------------------------	---	-----------------------------	-----------------------------------

CONFIGURATIONS

Four sizes, named by runner diameter: from TM3 at 300 mm to TM10 at 1 000 mm. All are supplied as complete packages.

CONFIGURATION	HEAD	FLOW	OUTPUT	RUNNER DIAMETER	DRIVE
TM3	1.5 – 6 m	0.15 – 0.4 m ³ /s	5 – 20 kW	Ø 300 mm	Direct · Belt
TM5	1.5 – 6 m	0.7 – 1.4 m ³ /s	7 – 60 kW	Ø 550 mm	Direct · Belt
TM8	2 – 5 m	1.5 – 3 m ³ /s	20 – 100 kW	Ø 850 mm	Direct · Belt
TM10	2 – 5 m	2 – 5 m ³ /s	30 – 160 kW	Ø 1 000 mm	Direct · Belt

APPLICATIONS

- Irrigation canal drops**
- Existing weirs without powerhouses**
- Off-grid rural supply**
- Water-treatment outfalls**

KEY FACTS

- 65+ TM units in 12 countries
- Installed on the weir: no building required
- Complete factory-assembled package
- Suitable for Uzbekistan's programme of 2 983 micro-HPP sites

SELECTED REFERENCES

Head of the U HPP	USA	8 × TM10	P 1.2 MW · H 5.14 m · Q 59.4 m ³ /s
Kyoto HPP	Japan	1 × TM5	P 4 kW · H 1.34 m · Q 0.55 m ³ /s

Is this the right machine for your site?

Send your head and flow figures. We will confirm the type, size the unit and prepare a budgetary proposal.

azizbek@netvision.uz
mavel.uz