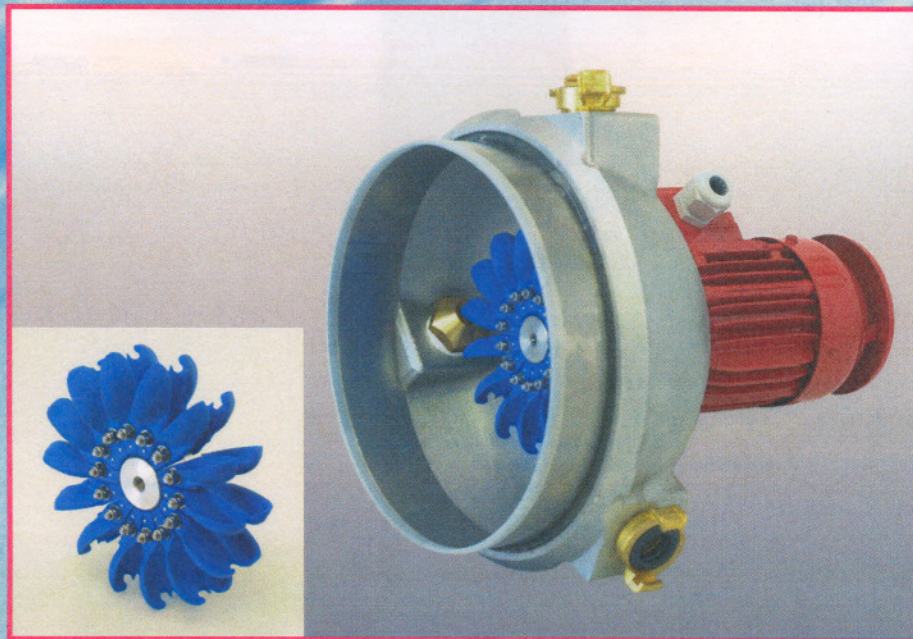




LINGENHÖLE TECHNOLOGIE

*Vorarlberger Wärmebehandlungszentrum
Mechanische Komponenten
Wasserkraftwerke - Turbinenbau*

Portable Micro Hydro Power Plants Type „Pico“



Available types

<i>KT 100</i>	<i>Performance:</i>	<i>max. 100 Watt</i>
<i>KT 340</i>	<i>Performance:</i>	<i>max. 340 Watt</i>
<i>KT 1000</i>	<i>Performance:</i>	<i>max. 1.000 Watt</i>
<i>(other types on request)</i>		

Portable Micro Hydro Power Plants Type „Pico“ are the most economic solution for generating electric power in areas which are not connected to the grid of an energy supply company (stand alone solutions). Hydraulic parameters like water quantity and net drop height determine the performance of the system. The horizontal Pelton wheel is placed on top of a duct. After passing the turbine, the water will flow into the duct without pressure. The water feed is connected to the housing with bayonet couplings. Depending on the water quantity up to 3 nozzles can be used.



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Fields of application:

- *Power supply for mountain cottages*
- *Hunting lodges*
- *Cabins, holiday homes*
- *Data measuring stations*
- *Developing countries*
- *Areas not connected to the grid of a energy supply company*

Advantages:

- *Available 24 hours a day*
- *Easy installation and handling*
- *Maintenance free,
no parts subject to wear and tear*
- *Can be used with drinking water*
- *Light weight*
- *Excellent performance*
- *Reasonable price*



Please contact for further information:

Mr. Michael Handle, Project Engineer

Tel: +43 5522 75451 ext. 32

Fax: +43 5522 75451 ext. 832

Mail: michael.handle@lingenhoele.at

<http://www.lingenhoele.at/en/Turbine%20Manufacturing>