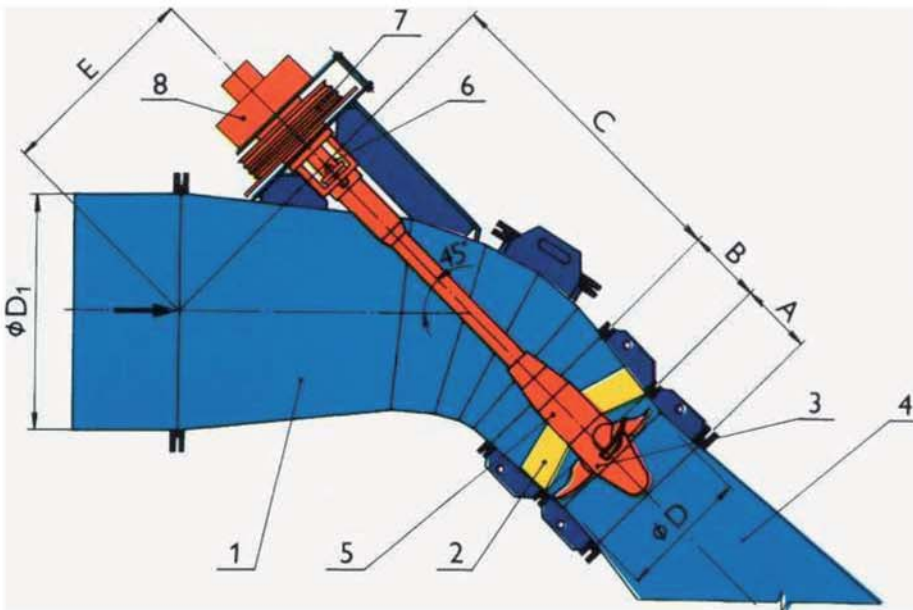


Propeller tubular turbine for low and medium hydraulic gradient

Turbine is in direct flow arrangement with a fixed axial distribution and control shooting blades revolving wheels in operation. Turbine allows economically exploit low falls. Turbine is produced in the vertical, horizontal or oblique design. Variability allows for the implementation of optimal layout proposal. Clean design is ensured by separating parts lubed by oil products from the water area of the turbine.



- 1 Intake
- 2 Distribution blades
- 3 Circulation round
- 4 Draft tube
- 5 Main bearing
- 6 Radial axial bearing
- 7 Sheave
- 8 Revolving wheel blades regulation

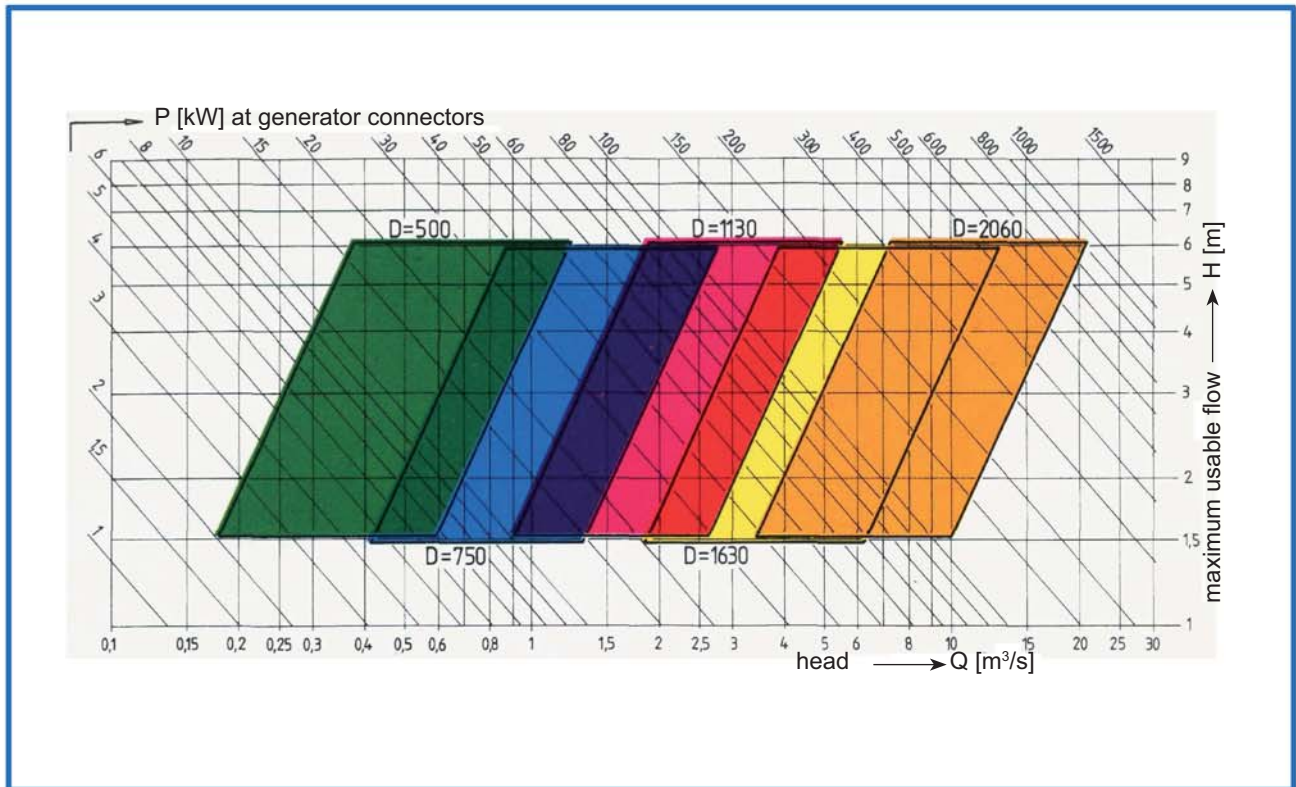
Dimensions	Ø D	Ø D1	A	B	C	E
3Th-500	500	820	225	283	1090	725
3Th-750	750	1203	335	350	1591	1071
3Th-1130	1130	1805	500	525	2387	1607

Implementation of horizontal, vertical or oblique.

**SIMPLE DESIGN - UNITED RELIABILITY - HIGH SPEED MEASUREMENT
 LARGE ABSORTION CAPACITY - USE OF LOW GRADIENT - HIGH EFFICIENCY**

Turbine diagram

D (diameter of rotor wheel in mm)	500	750	1130
Q (maximum usable flow of turbines $\text{m}^3 \cdot \text{s}^{-1}$)	0,18 – 1,3	0,42 – 2,8	0,9 – 5,5
H (gradient in m)	1,5 – 6	1,5 – 6	1,5 – 6



Outside supply of turbine we offer comprehensive solutions for small hydro power plant:

- search sites, advisory and consulting activities, the processing of conceptual studies, economic evaluation of sites, engineering activities
- pre-project documentation
- supply activities through higher construction contractor