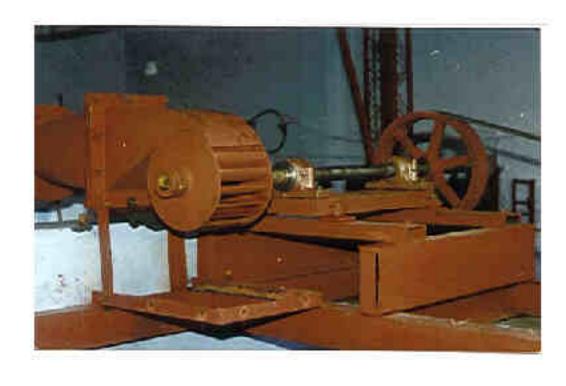
WATER MILLS DEVELOPED UNDER UNDP-GEF HILLY HYDRO PROJECT

(A) Improved Gharat for Upgradation

Runner dia : 500 mm

Total Units Installed:

Uttaranchal
 Jammu & Kashmir
 Himachal Pradesh
 1. 42 Nos.
 22 Nos.
 31 Nos.





(B) Multipurpose Power Unit

Specification:

Type of Runner Open Cross Flow, Single Piece Casting

Runner dia 300 mm Runner width 200 mm Number of blades 24 Nos. Shaft dia 50 mm

Number of Units Installed: 3 Nos.

STANDARD SIZES WATER MILLS DEVELOPED UNDER TIFAC/DST PROJECT

(A) Vertical Shaft Improved Water Mills for Grinding and Electricity Generation

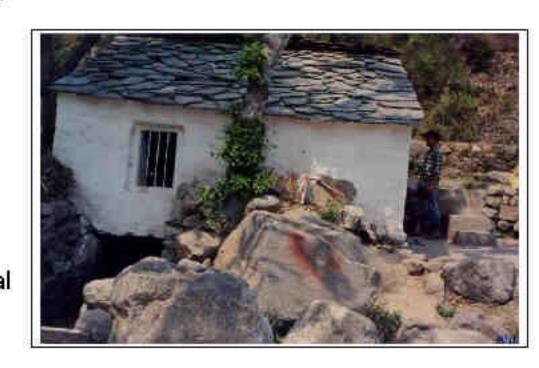
Specification

Head upto 3.0 m
Discharge upto 0.10 m³/s
Runner Dia 750 mm
Blade Height 160 mm
Blade Width 187 mm



Owner

Sh. Bhoop Singh Village Pahalgaon Block Kirti Nagar Tehsil Dev Prayag Distt. Tehri Garhwal



(B) Vertical Shaft Improved Water Mills for Grinding and Electricity Generation

Specification

Head 3.0 - 7.0 m

Discharge upto 0.70 m³/s

Runner Dia 400 mm

Blade Height 100 mm

Blade Width 125 mm



Owner

Sh. Har Singh Bisht Village Ramtoli Block Dharchula Distt. Pithoragarh

(C) Horizontal Shaft Improved Water Mills (MPPU) for Electricity and Other Agro Processing

Specification

Speed

Head 7.0-15.0 m

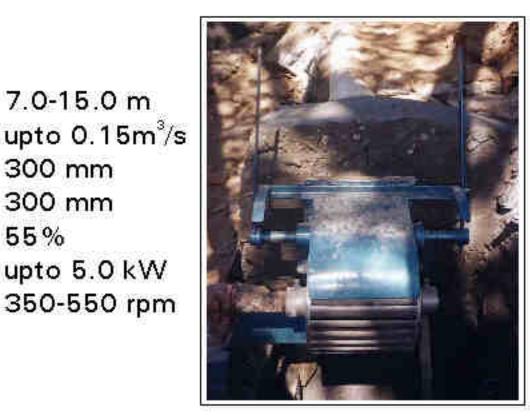
Discharge upto 0.15m³/s

Runner Dia 300 mm

Length 300 mm

Design Efficiency 55%

Power Output upto 5.0 kW



Owner

Sh. Narender Singh Village Munar Block Kapkot Distt. Bageshwar

