

WATER MILLS DEVELOPED UNDER UNDP-GEF HILLY HYDRO PROJECT

(A) Improved Gharat for Upgradation

Runner dia : 500 mm

Total Units Installed :

- | | | |
|----|------------------|---------|
| 1. | Uttaranchal | 42 Nos. |
| 2. | Jammu & Kashmir | 22 Nos. |
| 3. | Himachal Pradesh | 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 m ³ /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 m ³ /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

Head	7.0-15.0 m
Discharge	upto 0.15m ³ /s
Runner Dia	300 mm
Length	300 mm
Design Efficiency	55%
Power Output	upto 5.0 kW
Speed	350-550 rpm



Owner

Sh. Narender Singh
Village Munar
Block Kapkot
Distt. Bageshwar

