

The 6 x 1 Overshot Waterwheel

Performance with Style



© David Willcox Waterwheels

Specification Dimensions:

- Diameter 78" (2000) Width 14" (350)
- Buckets Qty 32, special power profile
- Spokes total 16 laterally reinforced
- Axle height (mounted) 43.6" (1110)
- Weight (steel) 350kg (approx)
- Bearing Mounting Centres 26" (660)
- Total head 85" (2150) power 2.6m
- Flume gradient 3.15" (80) pwr 0.5m
- Shaft 730mm x 50mm diameter (std)
- Mounting frame footprint 720 x 580

Specification Performance:

- Flow 0.05 to 35 litres per second (l/s)
- Speed Nominal 19 to 25 RPM
- Shaft Power 0.75 HP 560W
- Efficiency 85 %

Construction Description :

- Wheel Precision Laser cut Steel with bolted buckets, Spokes and hubs.
- Cast Iron 50mm Pedestal Bearings supplied
- Finishes:
 - Electroplated zinc (Standard)
 - Special Plate: Copper or pure gold
 - 2 Pack painted colour to clients choice
 - Red oxide primed (illustrated)
 - Powder coating to clients colour
 - Hot dip galvanised

Optional Extras

- Side plates in 6mm steel (Illustrated)
- Shaft extension for power take off (PTO)
- Flume Closed 60" x 12" x 2" all steel
- Recirculation kit:
 - Flume with 3 position entry pipe 22m
 - Hi Lift Water Pump 12v DC
 - Water wheel Controller