

The 4 x 1 Overshot Waterwheel

Performance with Style



© David Willcox Waterwheels

Specification Dimensions:

- Diameter 48" (1220) Width 12" (300)
- Buckets Qty 30, special curved profile
- Spokes total 12 laterally reinforced
- Axle height (mounted) 26.75" (680)
- Weight (steel) 34kg
- Bearing Mounting Centres 22" (559)
- Total head 54" (1372)
- Flume gradient 3.15" (80)
- Shaft 1 metre long diameter 25mm solid
- Qty 2 Bearing Mounting plates 7" x 2.5" inc fastner M10 Stainless

Specification Performance:

- Flow 0.05 to 5.5 litres per second (l/s)
- Speed Range 12 to 15 RPM
- Shaft Power 5 to 55 Watts (est)
- Efficiency 85 %

Construction Description :

- Precision Laser cut Steel MIG welded with bolt on 6 Spoke spiders.
- Cast Iron 25mm Pedistal Berings supplied
- Finishes:
 - Red Oxide (Illustrated) Standard
 - Powder coating to clients colour
 - Hot dip galvanised
 - Electroplated zic, gold
 - Special Plated: Chrome, copper, gold

Optional Extras

- Support Jig (Illustrated)
- Shaft keyway machining
- Flume open 40" x 10" x 2" all steel
- Recircultaion kit:.
 - Flume closed with entry pipe
 - Water Pump 230/50 ac
 - Pipe
- Power Generation Kit