



Tea processing machinery from plucking to packing...



Tivane

The Ideal Preconditioner For Qualitea



ISO 9001

Designed along the lines of the original McTear Rotovane, certain improvements in the construction have been made to better meet the present day requirements of the Tea Industry.

Split type 15" Rotorvanes also available.

CYLINDER

Fabricated with thick stainless steel plate designed to withstand maximum pressure and provide many years of service.

PEDESTAL MOUNTING ARRANGEMENT

Heavy MS fabricated pedestal is provided, eliminating the need for concrete plinth.

WORM RESISTORS & VANES

Made of superior quality stainless steel, free of flaws, with shining finish. If desired leadfree G. M. components can also be supplied in lieu of stainless steel.

IRIS DISCHARGE

Standard Machines are fitted with Iris Plates. Cone attachment can be supplied on request.

GEARED BARREL WITHDRAWAL

For easy cleaning of the barrel, a gear mechanism operated by a hand wheel is incorporated.

ROTOR SHAFT

Made of alloy steel, precision machined standard shafts.

FEED HOPPER

Made of stainless steel.

FEED CONVEYOR

Optional.

DRIVES

Through a heavy duty Worm Reducer.

PAINTING

Attractive two-tone automotive finish after full anti-rust pre-treatment of M. S. components.



Available in 15" & 8" diameter. Machines are supplied in 2 models. Normal duty for application as in North India & Africa and heavy duty for South India & Lanka. Also 12" & 18" dia machine are available.

TECHNICAL SPECIFICATIONS

| Model | 18" | | 15" | | 8" | |
|--------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| | Normal Duty 10" Gear Box | Heavy Duty 12" Gear Box | Normal Duty 8" Gear Box | Heavy Duty 10" Gear Box | Normal Duty 5" Gear Box | Heavy Duty 8" Gear Box |
| Power | 30/40HP 1440 RPM | 25/30HP 1440 RPM | 15/20HP 1440 RPM | 20HP 1440 RPM | 10HP 1440 RPM | 15HP 1440 RPM |
| Speed of the Rotorshaft | 36/37 | 36/37 | 36/37 | 36/37 | 36/37 | 36/37 |
| Rotorshaft EN-8 Max. Dia | 3 1/4" (83MM) | 3 1/4" (83MM) | 2 7/8" (73MM) | 2 7/8" (73MM) | 1 7/8" (48MM) | 2 1/4" (57MM) |
| Reducer Size & Ratio | U1000(10") 20:01 | U1200(12") 20:01 | U800(8") 20:01 | U1000(10") 20:01 | U500(5") 20:01 | U800(8") 20:01 |
| No. of Vanes | 11 Nos | 11 Nos | 11 Nos | 11 Nos | 9 Nos | 9 Nos |
| Output Per hr. | 1800/2000 KGS | 1800/2000 KGS | 1200/1400 KGS | 1200/1400 KGS | 400 /600 KGS | 600 /900 KGS |
| Floor Area | 98" x 36" 2.5 Mtr x 0.9 Mtr | 98" x 39" 2.5 Mtr x 1.0 Mtr | 96" x 30" 2.4 Mtr x 0.77 Mtr | 96" x 33" 2.4 Mtr x 0.85 Mtr | 72" x 18" 1.8 Mtr x 0.50 Mtr | 78" x 24" 2.0 Mtr x 0.60 Mtr |

* Due to a continuous process of development, the design is subject to change without prior notice.

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