

# **Idler Shaft Manufacturing**







### **Automatic**



MODEL: CNC KCP 60 PRODUCTION: 600 PC / Day



MODEL : TLPBM 250 PRODUCTION: 600 PC / Day

### Semi-Automatic



PRODUCTION: 170 PC / Day



MODEL : AC8HS PRODUCTION : 600 PC / Day



MODEL : CNC MILLING PRODUCTION: 300 PC / Day



MODEL : TLP ST6 PRODUCTION : 160 PC / Day SPINDLE BORE: 4 inch

# **Idler Testing Equipment**



IDLER TESTING EQUIPMENT is supplied for testing of the idler after assembly. Dust Proof Testing is done in a chamber where the idler is rotated by a motor and in an artificially created dirty atmosphere for predetermined time after which it is taken out for inspection. In case of Water Proof Testing, the idler is rotated in a closed chamber and water is poured with the help of two showers and afterward taken out for inspection. For Radial Run out Test, a stand with steady rest is supplied for mounting of the idler and rotation by hand and a dial gauge indicates the run out. For measuring the Friction Factor, the idler is rotated at predetermined speed by pressure of a rubberized roller which is taken away and the idler under testing is allowed to rotate of its own & Damp; digital meters indicate the RPM & Damp; time it takes to come to the rest. The data is used to determine Friction Factor.



TL PATHAK BRAND make Friction Factor Testing Machine



TL PATHAK BRAND make **Water Proofness Testing Machine** 



TL PATHAK BRAND make **Dust Proofness Testing Machine** 

NOTE: TL PATHAK BRAND make Radial Run Testing Machine too, which is also an useful Idler Testing Equipment.