

## LABORATORY/ SMALL SCALE PILOT DISC REFINER WITH MOTORISED FEEDING SYSTEM

A simple and sturdy refiner with one fixed and one rotating disc refiner is intended for wet grinding and delimiting chips or experimental pulp making in lab or can be used as a small commercial production tools for pulping process

It is utilized for developing pulping processes and strength development studies on raw steamed or semi chemically cooked chips, fully cooked pulp, cooked straw, waste paper and many other materials.

The disc refiner mounted on a sturdy metal frame and fitted with stainless steel disc, one immovable, the other rotating by means of a rotating wheel. The refiner disc are attached with six Allen screw and easily replaceable.



Refiner Disc Dia        300 MM

Speed of Refiner:        1500 rpm.

Consistency range    3 to 30%

Parallel degree of both the refiner discs knives is accurate during opening / closing of the cover with proper grinding surface before delivery

The raw material filling mechanism by motorized and easy to clean.

Gap Adjustment 0-4 mm adjustable between the disc with a step of 0.025 mm

Water dilution                    1/2" copper pipe line fitting at 3 equal distance for dilution of the material during refining with control valve

Power supply:                    400 V , 3 phase , 3.7 Kw

### **Manufactured by**

### **Saharanpur Testing Instruments Private Limited**

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