



### No.2500-I

#### KRK high-consistency disc refiner

The refiner is one of basic machines used in test and research area of pulp and paper industry and other related industries. It turns wood chips into pulp, conditions the pulp, and makes pulp of synthetic fibers, glass fibers and carbon fibers. With this machine, it is easy to perform processing into fiber and fibrillation of various polymers in diverse fields. Its shape is the same as the practical refiner used in the manufacturing plant, producing the same quality of the actual final product.

#### Specimens subject to refining:

RGP, CGP, KP, straw pulp, waste paper, polyethylene, glass fiber, carbon fiber, hard board, plant fiber, etc.

**Section in contact with liquid:** SUS-316 (stainless steel)

**Interstice adjustment:** 1/100mm adjustable

**Crushing plate:** stainless steel casting, one set includes 6 plates, 305mm in diameter

**Rotation speed of main shaft:** 3,000rpm (standard)

**Driving motor:** three-phase 200/220VAC 22kW

**Material feeder:** screw type

**Motor for feeder:** three-phase 200/220VAC 0.2kW, steplessly variable speed

**Optional:** star-delta starter

**Power source:** three-phase 200/220VAC 50/60Hz 82A

**Outer dimensions:** 940 x 1720 x 1250mm

**Instrument weight:** 800kg



### No.2500-II

#### CRK continuous high-consistency refiner

This refiner, like the No.2500-I, has been developed for continuous processing for a long time of various wood chips and other diverse fiber materials. It is used in laboratories and intermediate plants.

#### <Features>

1. Wide processing range of low consistency (3%) to high consistency (30%)
2. Provided with a parallelism adjusting system with 3-point support to eliminate error in parallelism caused by opening and closing of the cover
3. Compact design of the material feed system. The casing inside is accessible by loosening four bolts, facilitating cleaning and operation.

**Section in contact with liquid:** SUS-316 (stainless steel)

**Interstice adjustment:** 1/100mm adjustable

**Crushing plate:** stainless steel casting, one set includes 6 plates, 305mm in diameter

**Rotation speed of main shaft:** 3,000rpm (standard)

**Driving motor:** three-phase 200/220VAC 30kW

**Material feeder:** screw type

**Optional:** large type material feed and recovery section

**Motor for feeder:** three-phase 200/220VAC 0.2kW, steplessly variable speed

**Optional:** star-delta starter

**Power source:** three-phase 200/220VAC 50/60Hz 107A

**Cooling water:** water supply

**Outer dimensions:** 940 x 2010 x 1250mm

**Instrument weight:** 900kg

