

# **KRK** KUMAGAI RIKI KOGYO

## **Sheet Machine with White Water Recovery & Suction Devices (With Automatic Couching System)**

**Model No. 2558-I**

The paper sheet handmade according to the method given in the ISO standard is significantly different in formation, fiber orientation and strength from the sheet made by Fourdrinier machine (practical machine). The No.2558-I was developed to provide a paper-making condition similar to the practical machine in the dewatering process. The white water recovery device recovers fine fibers and filler, and the suction device sucks away the water at a negative pressure. A wide range of paper-making conditions is available. It is also possible to make paper as with the standard square machine. With this machine, the couching operation is automated, alleviating workload of the operator.

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| <b>Paper Making Size</b>                 | 250×250mm or 158mm in diameter                    |
| <b>White Water Chest</b>                 | capacity 120L, material SUS-304,<br>with agitator |
| <b>Vacuum Tank</b>                       | SUS-304   |
| <b>Vacuum Degree</b>                     | max. 600mmHg                                      |
| <b>Vacuum Meter</b>                      | digital   |
| <b>Vacuum Pump</b>                       | 75L/min., three-phase<br>200/220VAC, 0.4kW        |
| <b>Number of Couching<br/>Operations</b> | 5 (1 to 9) by pre-setting counter                 |
| <b>Couching Speed</b>                    | 200 (100 to 300) mm/sec.                          |
| <b>Power Source</b>                      | three-phase 200/220VAC<br>50/60Hz 10A             |
| <b>Air Source</b>                        | 0.5MPa  |
| <b>Outer Dimensions</b>                  | 75L/min., three-phase<br>200/220VAC, 0.4kW        |
| <b>Instrument Weight</b>                 | 670kg   |



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