

Compact Roller Press Machine



This is a roller press machine that is enable to adjust pressing force of a top roll. This roller press machine is also enable be used as fixed roller gap machine. The dried electrode is compressed with the roller press machine (calendered) to provide accurate control of the electrode thickness and to increase the density of the electrode mass.

Specification:

Model No. CRP-140-165L

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| 1) Roll size | ϕ 140 x L320mm |
| 2) Effective width | 250mm |
| 3) Roll material | Steel, Heat hardening, Hard chromium electroplating, buffing |
| 4) Pressing force | Max. 20kN (@0.5MPa dry air input) |
| 5) Roll Stroke | 3mm |
| 6) Rotating Speed | 0.2 to 3.5m/min |
| 7) Safety feature | Safety cover with limit switch, Emergency stop switches |
| 8) Dimension | Main body: 660mm(W) X 420mm(D) X 470mm (H)
Control box: 350mm(W) X 300mm(D) X 570mm (H) |
| 9) Others | The inserting guide stainless plate at front,
The receiving guide stainless plate at back |

Options :

*The heating roll unit is available.

*The maximum pressing force can be increased to 40kN.

*Rewinding-Winding unit is available.