



## TWO-ROLL MILL

### CT TWO - ROLL MILL

- CT Two-Roll Mill with an advanced design
- Suitable for rubber and plastic sheet preparation and compounding
- Smooth running
- Easy to control
- Safety functions
- Long service life

### FEATURES

- CT Two-Roll Mill consists of two rolls made of steel with hard chrome plating.
- Both rolls run at a fixed speed and a constant friction ratio.
- Rolls heating and/or cooling by external temperature controlling unit via rotary joints.
- The machine consists of two spur gears to transmit the driving power from one roll to another roll.
- The machine consists of nip locks to ensure the nip to maintain their positions.



### SAFETY

Safety is a fundamental feature of this machine. Safety knee stopping bars are mounted under the rolls which can be reached easily in the case of emergency stop. Safety screens cover both rolls to protect hands and fingers of operator. The machine also has others safety equipments, such as hand stops, emergency stop switch, overload cut-out equipment, and roll reverse-direction switch.

| Model  | ML-D6L12              | ML-D8L18      | ML-D10L20    | ML-D12L28   |
|--|-----------------------|---------------|--------------|-------------|
| Roll Diameter (inch)                         | 6                     | 8             | 10           | 12          |
| Roll Length (inch)                           | 12                    | 18            | 20           | 28          |
| Adjustable Nip (mm)                          | 0.1 – 3               | 0.5 – 4       | 1 – 8        | 1 – 10      |
| Front Roll Speed (rpm)                       | 24 +/- 1              | 17 +/- 1      | 14 +/- 1     | 12 +/- 1    |
| Rear Roll Speed (rpm)                        | 33.6 +/- 1.4          | 23.8 +/- 1.38 | 18.2 +/- 1.3 | 15 +/- 1.25 |
| Front/Rear Roll Speed Ratio (Friction Ratio) | 1 : 1.4               | 1 : 1.38      | 1 : 1.3      | 1 : 1.25    |
| Batch Capacity (KG)                          | 0.5                   | 1             | 2            | 4           |
| Drive Motor (HP)                             | 7.5                   | 10            | 20           | 30          |
| Voltage (volt)                               | 3 Phase / 220 – 440 V |               |              |             |
| Frequency (Hz)                               | 50 Hz                 |               |              |             |

Contact us for more information about CT products and services. We are keen on working with you:

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