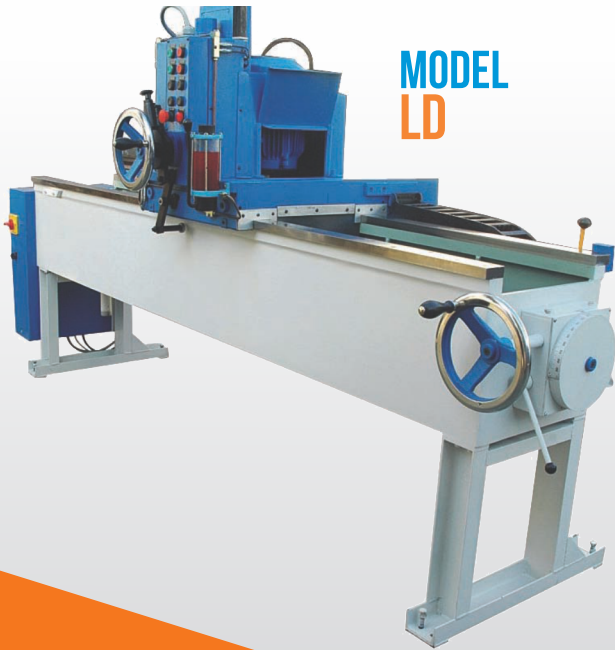
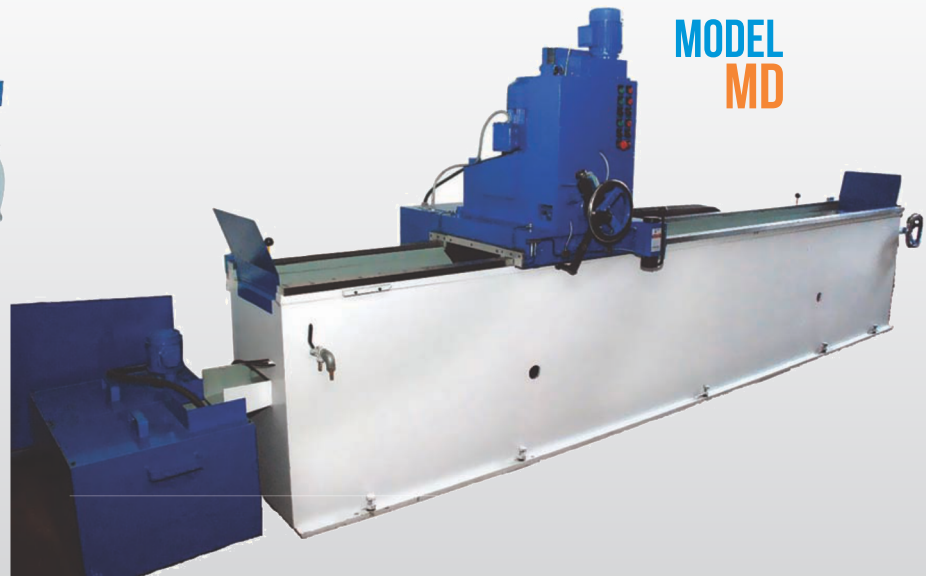


GRINDING MACHINES

HIGH PRECISION | MODERN DESIGN



MODEL
LD



MODEL
MD

MACHINE BED:

- Welded box type construction.
- Stress relieved.
- Interior designed for swift discharge of coolant.
- Spacious interior for easy handling of the work pieces.

GUIDEWAYS

- Tool steel.
- Solid through Hardened with 62 HRC.
- Precision ground with protection wipers.

MACHINE TABLE

- Sturdy construction with 360 degree swivel bed.
- Precision scale offered for higher accuracies.
- Magnetic / Mechanical clamping offered.
- Close pole magnet with brass top for better clamping and longer life.
- Suitable for grinding thin and thick work pieces.

GRINDING CARRIAGE

- Graded cast Iron with taper gibs for support.
- Large carriage rolls for better load distribution.
- Ease in change of abrasives.
- Direct coolant on grinding area.

GRINDING HEAD

- Ply free screw and split nut system for high degree of accuracy.
- Special heavy duty bearing for extra precision grinding with over sized grinding spindle shaft.
- C_E certified motor.
- Rotating parts dynamically balanced.
- The Motor has swivel for the adjustment of concave grinding as well as cross grinding.

ELECTRICALS

- C_E certified.
- Installed in separate stand alone cabinet.
- Imported drag chain with self lubricating plastic to protect cables from damage.
- Special heavy duty cables for trouble free running.



TECHNICAL SPECIFICATIONS:

| MODEL NO. | BED WIDTH | GRINDING MOTOR | TRAVERSE MOTOR | TRAVERSE SPEED | GRINDING CAPACITY | OVERALL SIZES |
|-------------|-----------|----------------|----------------|----------------|--------------------|-----------------------|
| | | (1500 RPM) | (1500 RPM) | MTRS/ MINUTE | | AXBXC |
| ATLAS1120LD | 470 MM | 5HP | 1HP | 18 | 1120 X 150 X 20 MM | 2480 X 1525 X 1010 MM |
| ATLAS1350LD | 470 MM | 5HP | 1HP | 18 | 1350 X 150 X 20 MM | 2710 X 1525 X 1010 MM |
| ATLAS1630LD | 470 MM | 7.5HP | 1HP | 18 | 1630 X 150 X 20 MM | 2990 X 1525 X 1010 MM |
| ATLAS1880LD | 470 MM | 7.5HP | 1HP | 18 | 1880 X 150 X 20 MM | 3240 X 1525 X 1010 MM |
| ATLAS2140LD | 470 MM | 7.5/10 HP | 1HP | 18 | 2140 X 150 X 20 MM | 3500 X 1525 X 1010 MM |
| ATLAS1120MD | 550 MM | 15 HP | 1.5HP | 18 | 1120 X 200 X 20 MM | 2800 X 1810 X 1130 MM |
| ATLAS1350MD | 550 MM | 15 HP | 1.5HP | 18 | 1350 X 200 X 20 MM | 3030 X 1810 X 1130 MM |
| ATLAS1630MD | 550 MM | 15 HP | 1.5HP | 18 | 1630 X 200 X 20 MM | 3310 X 1810 X 1130 MM |
| ATLAS1880MD | 550 MM | 15 HP | 1.5HP | 18 | 1880 X 200 X 20 MM | 3560 X 1810 X 1130 MM |
| ATLAS2140MD | 550 MM | 15/20 HP | 1.5HP | 18 | 2140 X 200 X 20 MM | 3820 X 1810 X 1130 MM |
| ATLAS2340MD | 550 MM | 15/20 HP | 1.5HP | 18 | 2340 X 200 X 20 MM | 4020 X 1810 X 1130 MM |

* Modifications available for Grinding Tungsten Carbide Knives

* Option of Ring Type or Segment Type Chuck

ATLAS Engineering (ATLAS) is a powerhouse in the manufacture of Industrial Knives, Machinery Blades and Rolls based out of Noida, India. The company is led by a team of experts committed to producing the best quality knives for the most critical size reduction applications.

All ATLAS products are designed and created to meet the custom requirements of our clients. We take great pride in our unique ability to deliver high precision tools made from European Steel at very affordable prices.

ATLAS

Engineering

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Sister Company : Extra Sharp Tool and Knives

ESTK
a division of ATLAS Engineering