



TOOL & CUTTER

LAXMAN MACHINE TOOLS

Laxman Tool & Cutter Grinder Machine

High Precision Compact & Economical



Model TCLM-1 Tool & Cutter

Rigidity & versatility are the main features of our machine which is capable of re-sharpening a variety of jobs running from H.S.S. to carbide tip tools and cutters.

USE OF MACHINE

1. To grind side face & slitting cutter.

2. To grind helical reamer.
3. To grind hob, radius & teeth cutter.
4. To grind taps.
5. To grind woodruff-cutter.
6. To grind end mill cutter.
7. To grind taper shank drill, reamer & end mill cutter.
8. To grind carbide tip cutter & end mill-cutter. Etc...

SPECIFICATION

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| 1. Largest diameter of cutter than be ground | 250 mm. |
| 2. Maximum admit between centers | 260 mm. |
| 3. Maximum length of cutting edges ground | 150 mm. |
| 4. Grinding wheel speeds | 4500 RPM. |
| 5. Swing diameter and standard center | 250 mm. |
| 6. Working surface of table | 450 x 120 mm. |
| 7. Longitudinal traverse | 175 mm. |
| 8. Cross traverse | 150 mm. |

PAKING & INSTALLATION PARAMETERS

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|--|-------------------|
| 1. Floor area occupied | 690 x430 mm. |
| 2. Height of the machine | 1375 mm. |
| 3. Weight of the machine with standard accessories | 300 kg. |
| 4. Electric Motor 3 phase | 0.5 H.P 2800 RPM. |

STANDARD EQUIPMENS

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|---|--------|
| 1. Steady with centers | 2 Nos. |
| 2. Universal tilting head | 1 Nos. |
| 3. Relieving attachment | 1 Nos. |
| 4. Diamonds dressing stand | 1 Nos. |
| 5. Grinding disc wheel-dia | 1 Nos. |
| 6. Grinding taper cup wheel-dia | 1 Nos. |
| 7. Threaded mandrill with sleeve and nu | 1 Nos. |

SPECIAL ACCESSORIES

1. Radius grinding attachment
2. Universal machine vice
3. Machine lamp
4. Diamond wheel
5. MT 3 Taper mandrill



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