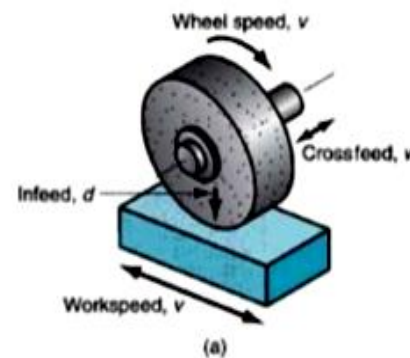
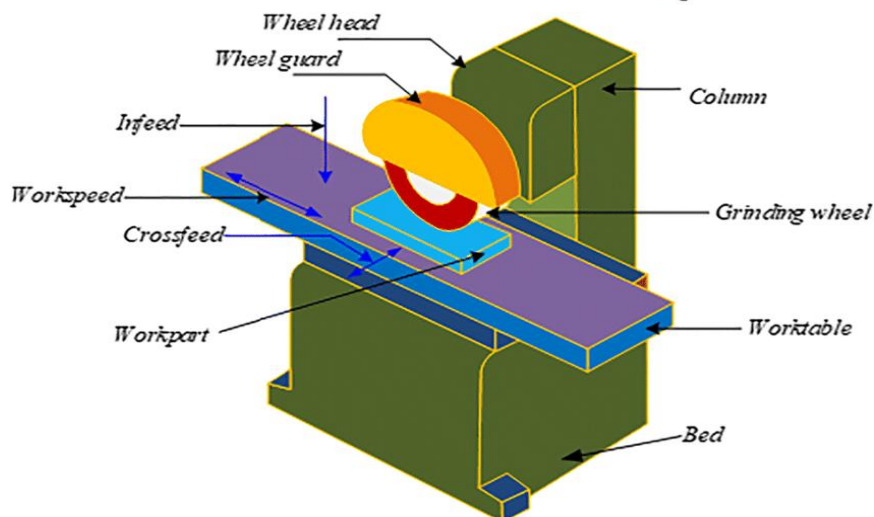


## SURFACE GRINDER MACHINE MODEL: M7135A



### MACHINE DESCRIPTION:

A **Surface Grinder** is a **machine** tool used to provide precision ground surfaces, either to a critical size or for the **surface** finish. The **grinding** wheel rotates in the spindle head and is also adjustable for height.

### WORKING PRINCIPLE:

**Surface grinding** is used to produce a smooth finish on flat **surfaces**. It is a widely used abrasive machining process in which a spinning wheel covered in rough particles (**grinding** wheel) cuts chips of metallic or nonmetallic substance from a workpiece, making a face of it flat or smooth.

### TECHNICAL PARAMETER:

|                                                           |                          |
|-----------------------------------------------------------|--------------------------|
| <b>SURFACE GRINDER</b>                                    |                          |
| <b>Model No.</b>                                          | : <b>M7135A</b>          |
| <b>Brand Name</b>                                         | : <b>"WEIDA"</b>         |
| <b>Capacity :</b>                                         |                          |
| Max. Dim of grinding component (L x W x H)                | : 1000mm x 350mm x 405mm |
| Max. Longitudinal travel of table                         | : 1020mm                 |
| Max. Cross travel of table                                | : 390mm                  |
| Max. distance of spindle center to table surface          | : 580mm                  |
| Max. load of worktable                                    | : 400kg.                 |
| <b>Worktable :</b>                                        |                          |
| Dim. Of worktable surface ( L x W)                        | : 1000mm x 350mm         |
| T-sits of worktable                                       | : 18 x 3 mm*n            |
| Speed of worktable                                        | : 0-26 m/min             |
| Automatic feed forward and backward                       | : 0.5 – 20 mm            |
| Feed- rate of hand wheel ( 1 Scale)                       | : 0.02 mm                |
| Feed- rate of hand wheel ( 1 Circle)                      | : 4 mm                   |
| <b>Abrasive Wheel :</b>                                   |                          |
| Abrasive wheel dim (D x W x D)                            | : 350mm x 32mm x 127mm   |
| Speed of spindle                                          | : 1450 r/min             |
| <b>Vertical Mechanism :</b>                               |                          |
| Vertical movement per circle of micro-adjusting mechanism | : 0.04 mm                |
| Federate per scale of micro-adjusting mechanism           | : 0.001 mm               |
| <b>Motor :</b>                                            |                          |
| Spindle Motor                                             | : 5.5 (Y132S-4B5) kw     |
| <b>Dimension :</b>                                        |                          |



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|                                   |                             |
|-----------------------------------|-----------------------------|
| Outer dim. of machine (L x W x H) | : 2660mm x 1722mm x 1917 mm |
| Net Weight , Gross Weight         | : 3.7 T , 3.9 T             |
| <b>Brand New</b>                  | <b>: Made in China</b>      |

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