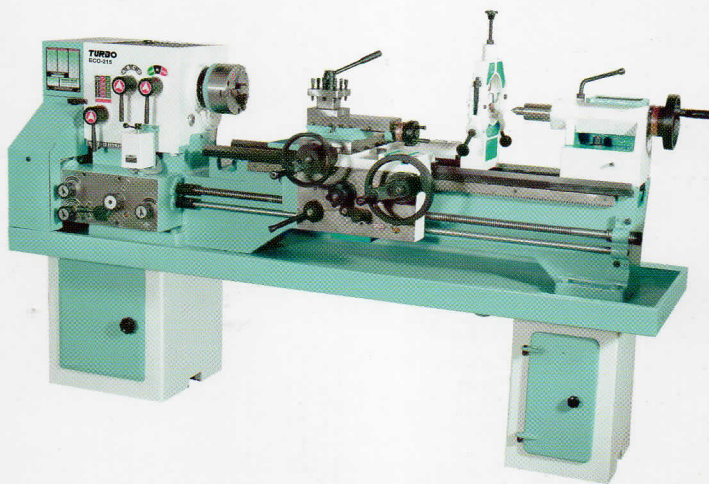




# TURBO ECO – 215 All Gear Head Lathe Machine

## STANDARD ACCESSORIES:

- ▶ Notron Gear Box (Double Screw)
- ▶ Chuck Plate
- ▶ Tool Post Key
- ▶ Centre Adapter
- ▶ Dead Centre (2 Nos.)
- ▶ Motor Pulley
- ▶ Four Position Tool Post



## TECHNICAL SPECIFICATION

| SPECIFICATION                     | ECO - 215 / 1      | ECO - 215 / 2      | ECO - 215 / 3      |
|-----------------------------------|--------------------|--------------------|--------------------|
| <b>BED :</b>                      |                    |                    |                    |
| Bed Type                          | 2 V & 2 Flat       | 2 V & 2 Flat       | 2 V & 2 Flat       |
| Bed Length                        | 1375 (4'6")        | 1600 (5'3")        | 1825 (6')          |
| Bed Width                         | 280 (11")          | 280 (11")          | 280 (11")          |
| Gap Length                        | 110 mm             | 110 mm             | 110 mm             |
| Gap Length in front of Face Plate | 105 mm             | 105 mm             | 105 mm             |
| <b>CAPACITY :</b>                 |                    |                    |                    |
| Height of Centre                  | 215 (8.5")         | 215 (8.5")         | 215 (8.5")         |
| Swing Over Bed                    | 440 mm             | 440 mm             | 440 mm             |
| Swing Over Cross Slide            | 270 mm             | 270 mm             | 270 mm             |
| Swing Over Gap                    | 680 mm             | 680 mm             | 680 mm             |
| Admit Between Centre              | 530 mm             | 750 mm             | 980 mm             |
| Movement of Cross Slide           | 200 mm             | 200 mm             | 200 mm             |
| Movement of Compound Slide        | 110 mm             | 110 mm             | 110 mm             |
| <b>MAIN SPINDLE :</b>             |                    |                    |                    |
| Spindle Nose (Threaded type)      | Ø 76.2 mm          | Ø 76.2 mm          | Ø 76.2 mm          |
| Taper Bore in Spindle Sleeve      | MT - 3             | MT - 3             | MT - 3             |
| Spindle Bore                      | Ø 54 (2.1/8")      | Ø 54 (2.1/8")      | Ø 54 (2.1/8")      |
| <b>TAIL STOCK :</b>               |                    |                    |                    |
| Quill Dia.                        | Ø 50.8 mm          | Ø 50.8 mm          | Ø 50.8 mm          |
| Taper in Quill                    | MT - 3             | MT - 3             | MT - 3             |
| Quill Travel                      | 130 mm             | 130 mm             | 130 mm             |
| <b>SPEED :</b>                    |                    |                    |                    |
| No. of Spindle Speed              | 8                  | 8                  | 8                  |
| RPM (Low/High)                    | 60-1100            | 60-1100            | 60-1100            |
| <b>FEED :</b>                     |                    |                    |                    |
| Nos. of feeds range               | 52                 | 52                 | 52                 |
| Longitudinal / Rev.               | 0.076 to 1.359 mm  | 0.076 to 1.359 mm  | 0.076 to 1.359 mm  |
| Transverse / Rev.                 | 0.012 to 0.217 mm  | 0.012 to 0.217 mm  | 0.012 to 0.217 mm  |
| Thread / No. of Range             |                    |                    |                    |
| Metric Thread                     | 20 (0.5 to 7.5 mm) | 20 (0.5 to 7.5 mm) | 20 (0.5 to 7.5 mm) |
| English Thread                    | 32 (4 to 60 TPI)   | 32 (4 to 60 TPI)   | 32 (4 to 60 TPI)   |
| Lead Screw                        | Ø 1 1/4" X 4 TPI   | Ø 1 1/4" X 4 TPI   | Ø 1 1/4" X 4 TPI   |
| Feed Shaft                        | Ø 1"               | Ø 1"               | Ø 1"               |
| <b>ELECTRICALS :</b>              |                    |                    |                    |
| Motor Power                       | 2 HP               | 2 HP               | 2 HP               |
| <b>GENERAL :</b>                  |                    |                    |                    |
| Weight (Approx.)                  | 850 Kg.            | 950 Kg.            | 1000 Kg.           |
| Floor Space Occupied in (mm)      | 1800x700x1200      | 2125x700x1200      | 2725x700x1200      |
| (Approx.) L x W x H               |                    |                    |                    |

\* Above mentioned information is subject to change because of Product Improvement.

\* All the Parts shown in photo are not included in Standard Accessories.