



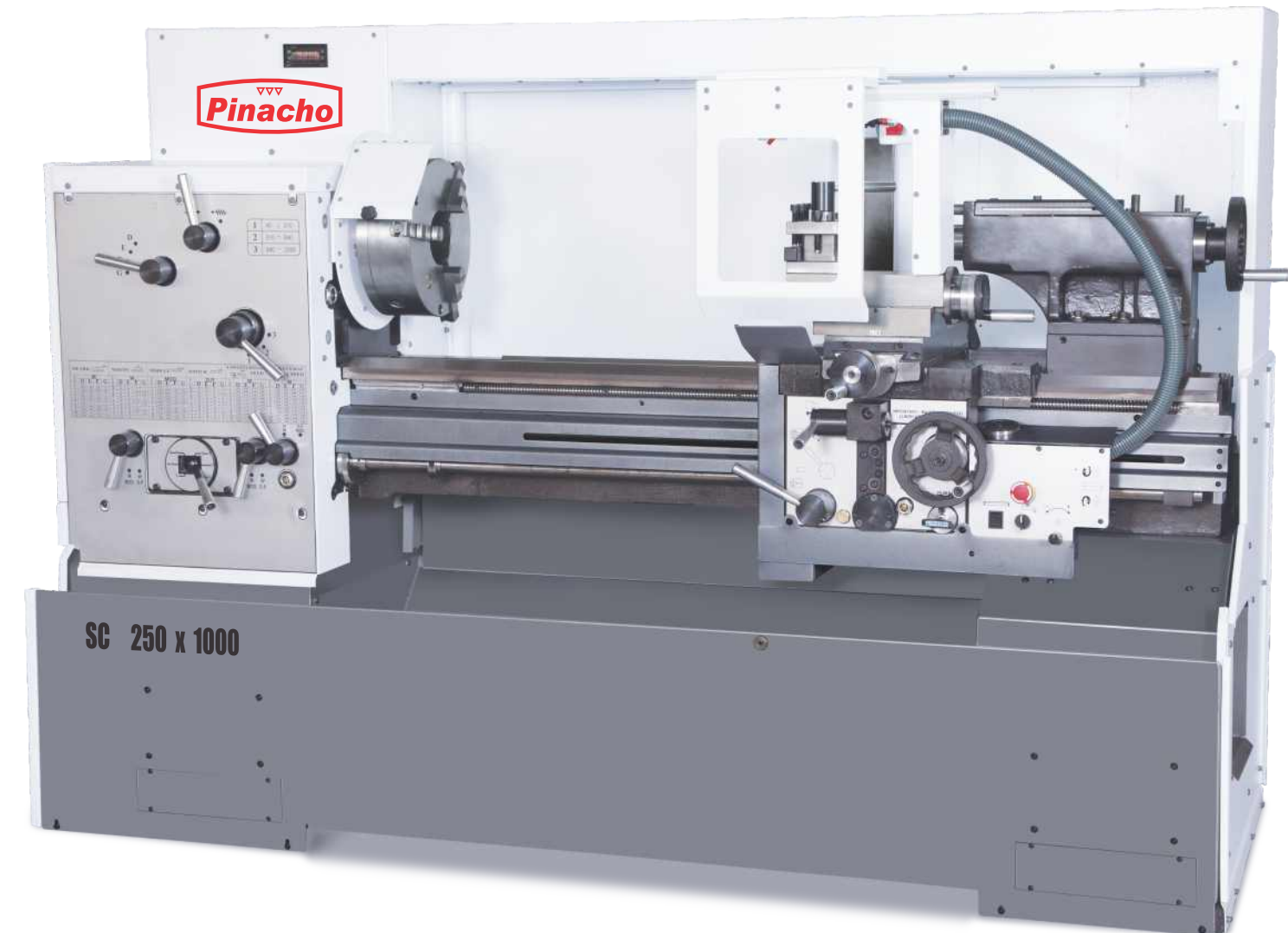
**VARIABLE**  
SPEED HEADSTOCK

**HARDENED**  
GROUNDED GEARS

**HARDENED**  
GROUNDED GUIDE WAYS

**NEW**

**SC 250 x 1000**



| MODEL                             | SC 200               |             | SC 250               |             | SC 325                    |                           |  |
|-----------------------------------|----------------------|-------------|----------------------|-------------|---------------------------|---------------------------|--|
|                                   | MM                   | INCH        | MM                   | INCH        | MM                        | INCH                      |  |
| Centre distance                   | 750 / 1000           | 30" / 40"   | 1000 / 1500          | 40" / 60"   | 1000 / 1500 / 2000 / 3000 | 40" / 60" / 80" / 120"    |  |
| Centre height                     | 200                  | 8"          | 250                  | 10"         | 325                       | 13"                       |  |
| Swing over bed                    | 402                  | 16"         | 502                  | 20"         | 652                       | 26"                       |  |
| Swing over gap                    | 560                  | 22"         | 700                  | 28"         | 910                       | 36"                       |  |
| Gap length in front of face plate | 120                  | 5"          | 160                  | 6"          | 220                       | 9"                        |  |
| Bed width                         | 250                  | 10"         | 300                  | 12"         | 350                       | 14"                       |  |
| Swing over carriage               | 335                  | 13"         | 440                  | 17"         | 595                       | 23"                       |  |
| Swing over cross slide            | 245                  | 10"         | 310                  | 12"         | 450                       | 18"                       |  |
| Cross slide travel                | 210                  | 7 1/2"      | 250                  | 9 3/4"      | 325                       | 12 3/4"                   |  |
| Tool post slide travel            | 105                  | 4"          | 130                  | 5"          | 155                       | 6"                        |  |
| Maximum tool dimensions           | 20 X 20              | 3/4" x 3/4" | 25 X 25              | 1" x 1"     | 25 X 25                   | 1" x 1"                   |  |
| Headstock Main spindle bore       | 42                   | 1 1/2"      | 58                   | 2 1/4"      | 80                        | 3"                        |  |
| Main spindle nose                 | A2 - 5 / Camlock - 5 |             | A2 - 6 / Camlock - 6 |             | A2 - 8 / Camlock - 8      |                           |  |
| Main spindle morse taper (MT)     | 4                    |             | 4                    |             | 5                         |                           |  |
| Speed range (rpm)                 | 40 - 2800            |             | 40 - 2300            |             | 30 - 1700                 |                           |  |
| No. of speed range                | 3                    |             | 3                    |             | 3                         |                           |  |
| Speed range 1 (rpm)               | 40 - 345             |             | 40 - 310             |             | 30 - 240                  |                           |  |
| Speed range 2 (rpm)               | 345 - 1015           |             | 310 - 840            |             | 240 - 630                 |                           |  |
| Speed range 3 (rpm)               | 1015 - 2800          |             | 840 - 2300           |             | 630 - 1700                |                           |  |
| Norton box No. of pitch           | 44                   |             | 44                   |             | 55                        |                           |  |
| Longitudinal feeds                | 0.044 - 0.662        |             | 0.044 - 0.662        |             | 0.044 - 1.324             |                           |  |
| Cross feeds                       | 0.020 - 0.296        |             | 0.020 - 0.296        |             | 0.020 - 0.592             |                           |  |
| Metric threads                    | 0.5 - 7.5            |             | 0.5 - 7.5            |             | 0.5 - 15                  |                           |  |
| Whitworth threads in T.P.I        | 60 - 4               |             | 60 - 4               |             | 60 - 2                    |                           |  |
| Modular threads                   | 0.25 - 3.75          |             | 0.25 - 3.75          |             | 0.25 - 7.5                |                           |  |
| Pitch diametral threads           | 120 - 8              |             | 120 - 8              |             | 120 - 4                   |                           |  |
| Ø 35 Lead screw rod pitch         | 6                    | 1/4"        | 6                    | 1/4"        | 6                         | 1/4"                      |  |
| Tail stock barrel diameter        | 58                   | 2 1/4"      | 68                   | 2 1/2"      | 95                        | 3 1/4"                    |  |
| Tail stock barrel travel          | 180                  | 7"          | 200                  | 7 3/4"      | 220                       | 8 1/2"                    |  |
| Tail stock morse taper (MT)       | 4                    |             | 4                    |             | 5                         |                           |  |
| Fixed Steady capacity             | 125                  | 4 3/4"      | 145                  | 5 1/2"      | 185                       | 7 1/4"                    |  |
| Follow Rest capacity              | 90                   | 3 1/2"      | 95                   | 3 3/4"      | 130                       | 5"                        |  |
| Main Motor Power (kw)             | 4                    |             | 5.5                  |             | 7.5                       |                           |  |
| Pump Motor Power (kw)             | 0.1                  |             | 0.1                  |             | 0.1                       |                           |  |
| Overall dimensions (mm)           | Length               | 1875/2150   |                      | 2350/2850   |                           | 2350/2900/3500/4400       |  |
|                                   | Width                | 880         |                      | 930         |                           | 1050                      |  |
|                                   | Height               | 1825        |                      | 1900        |                           | 1925                      |  |
|                                   | Weight (Kg)          | 1190 / 1100 |                      | 1520 / 1680 |                           | 1750 / 2100 / 2500 / 3100 |  |
| Acceptance Accuracy               | DIN 8605             |             | DIN 8605             |             | DIN 8605                  |                           |  |

Specifications subject to change without notice. No responsible for typographical error. Machines shown optional equipment.



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**SC 200 x 750**

#### Standard Accessories

- Spindle brake
- Reducing bush
- 2 Fixed centers
- Thread dial indicator
- Square tool post and key
- Chip collecting tray
- Instruction manual
- Centralised lubrication
- Coolant equipment
- Rear splash guard
- Rigid lead screw guard
- Leveling plates
- Chuck guard limit switch
- Emergency stop
- Main switch
- Work Light
- C E Compliant
- Top Slide guard

#### DESCRIPTION

The combination of constant surface and electronically variable spindle drive SC gives the better cutting performance in one of the best lathes in the market. Combination of precision power and durability gives advance features and long - lives performance. The high quality specification of the SC makes it deal for the most tool room, maintenance and production application. Maximum precision, high productivity, long life to the lathes.

#### FEATURES

- Constant power, 3 range variable speed drive from 30 to 2800 rpm
- Ease of use and excellent assistance for high accuracy jobs
- With a high chip removal rate during the rough turning operation

#### BENEFITS

- Very versatile for machining big and small pieces, constant power in all rpm ranges
- Very high efficiency production
- Excellent quality finish of the machine pieces, maximum precision



**SC 325 x 2000**