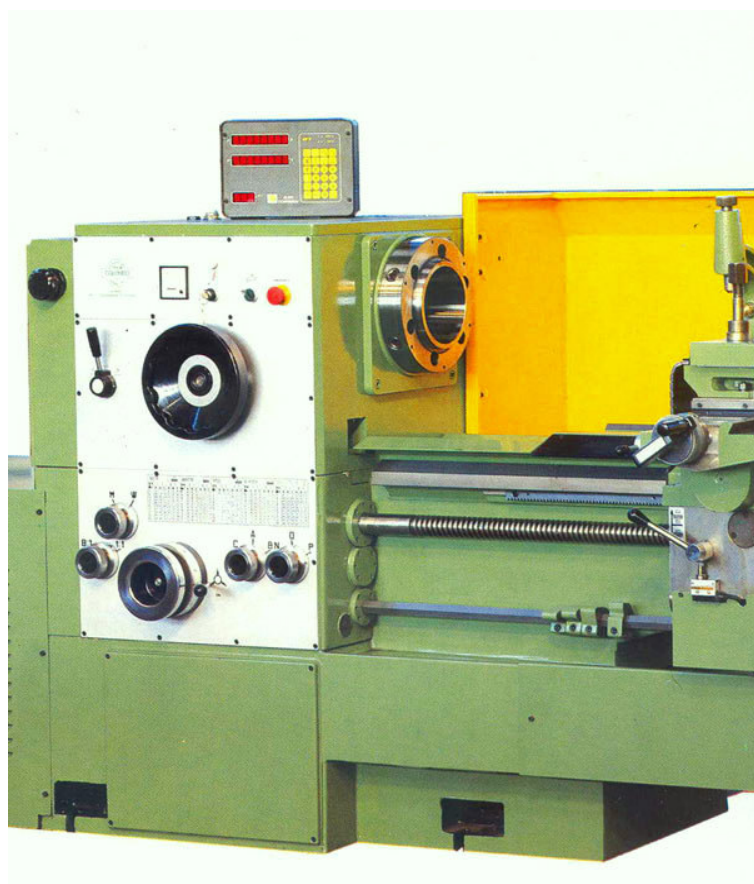




# FT 270/320/350



## TECHNICAL DATA

|   |        | FT270             | FT320             | FT350             |
|---|--------|-------------------|-------------------|-------------------|
| Height of centres                           | mm     | 270               | 320               | 350               |
| Max. swing in gap                           | mm     | 730               | 830               | 890               |
| Max. swing over bed                         | mm     | 540               | 640               | 700               |
| Max. swing over carriage                    | mm     | 308               | 408               | 468               |
| Max distance between centres                | mm     | 1500 2000<br>3000 | 1500 2000<br>3000 | 1500 2000<br>3000 |
| Steady rest (Ø min/max)                     | mm     | 15-280            | 15-280            | 15-280            |
| Follow rest (Ø min/max)                     | mm     | 15-180            | 15-180            | 15-180            |
| <b>HEAD</b>                                 |        |                   |                   |                   |
| Spindle speeds                              | n      | 3 gamme           | 3 gamme           | 3 gamme           |
| Spindle speeds r.p.m.                       | n      | 18-1200           | 18-1200           | 18-1200           |
| Spindle bore                                | mm     | 160               | 160               | 160               |
| Dia. of spindle front bearing               | mm     | 200/280           | 200/280           | 200/280           |
| Dia. of spindle back bearing                | mm     | 190/260           | 190/260           | 190/260           |
| CAMLOCK nose                                | n      | 11                | 11                | 11                |
| <b>BED</b>                                  |        |                   |                   |                   |
| Hardened slideways                          |        |                   |                   |                   |
| Total length of gap                         | mm     | 450               | 450               | 450               |
| Length of gap in front table                | mm     | 210               | 210               | 210               |
| Width of bed                                | mm     | 400               | 400               | 400               |
| <b>SADDLE</b>                               |        |                   |                   |                   |
| Length of carriage ways                     | mm     | 670               | 670               | 670               |
| Width of cross carriage                     | mm     | 245               | 245               | 245               |
| Toolholder travel                           | mm     | 200               | 200               | 200               |
| <b>TAILSTOCK</b>                            |        |                   |                   |                   |
| Sleeve diameter                             | mm     | 100               | 100               | 100               |
| Sleeve travel                               | mm     | 250               | 250               | 250               |
| Morse taper                                 | mm     | 5                 | 5                 | 5                 |
| <b>FEEDS AND STANDARD THREADS</b>           |        |                   |                   |                   |
| Lead screw diameter                         | mm     | 45                | 45                | 45                |
| Lead screw pitch                            | mm     | 12,7              | 12,7              | 12,7              |
| 60 Longitudinal feeds                       | mm     | 0,05-3            | 0,05-3            | 0,05-3            |
| 60 Cross feeds                              | mm     | 0,025-1,5         | 0,025-1,5         | 0,025-1,5         |
| 60 Metric pitches                           | mm     | 0,5-30            | 0,5-30            | 0,5-30            |
| 60 Whitworth pitches                        | thr./1 | 1-60              | 1-60              | 1-60              |
| 35 Module pitches                           | Mod    | 0,25-15           | 0,25-15           | 0,25-15           |
| 60 Diametral pitches                        | Pitch  | 2-120             | 2-120             | 2-120             |
| Motor quick movements                       | Kw     | 1                 | 1                 | 1                 |
| Power of motor (50 Hz)                      | Kw     | 18,5              | 18,5              | 18,5              |
| Power of electropump motor                  | HP     | 0,2               | 0,2               | 0,2               |
| <b>OVERALL DIMENSIONS</b>                   |        |                   |                   |                   |
| Length                                      | mm     | 3150 3650<br>4650 | 3150 3650<br>4650 | 3150 3650<br>4650 |
| Width                                       | mm     | 800               | 800               | 800               |
| Height                                      | mm     | 1400              | 1450              | 1480              |
| Approx. net weight for centre distance 1500 | Kg     | 3500              | 3600              | 3800              |
| Approx. net weight for centre distance 2000 | Kg     | 3600              | 3700              | 3900              |
| Approx. net weight for centre distance 3000 | Kg     | 3700              | 3800              | 4000              |

Specifications to serve as a guide. Subject to modifications without notice.

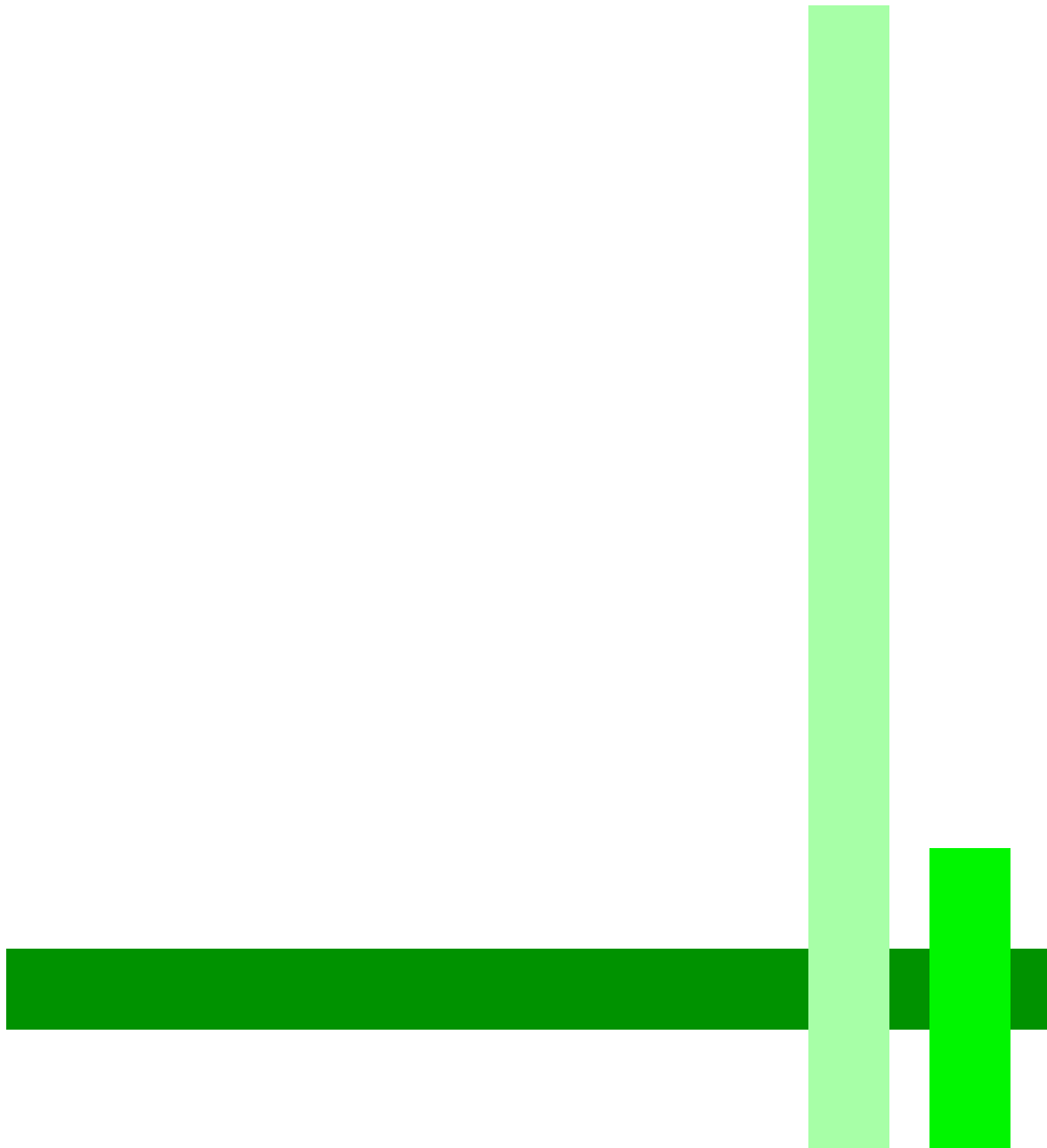
**STANDARD ACCESSORIES**

Main motor , electropump motor , electric equipment, cooling equipment , steady rest , follow rest , n. 2 centres, n. 1 spindle reducing cone, safety guard, forced lubrication in the head, pump by hand in the crass carriage, flange for self-centring chuck, service spanners.

**ACCESSORIES ON REQUEST**

N. 4 jaws independent chuck, self-centring provided with double ways and flange, tool-holder, lamp-holder, rapid traverse on cross carriage and longitudinal displacements, 4th bar.





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