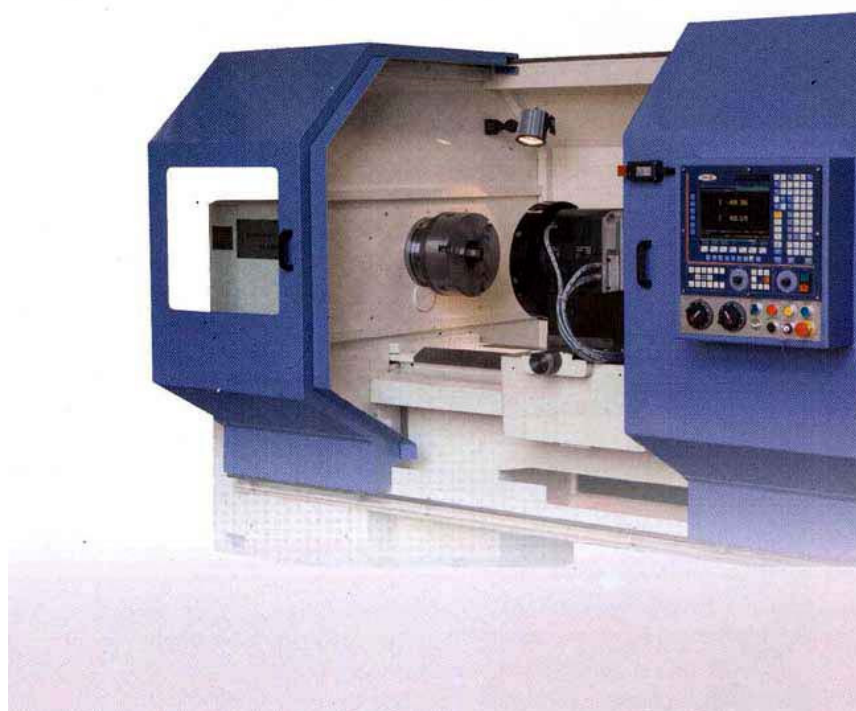




FA 400/500/600



MAIN FEATURES

A system which combines the practicality of a traditional lathe with the versatility and accuracy of a CNC.

These machines are the result of a concept based on traditional lathes: cast iron prismatic guide base which slides on antifriction material and separate lubrication system; chuck head with two speed ranges which can be operated automatically and AC Brushless motors for axis and chuck.

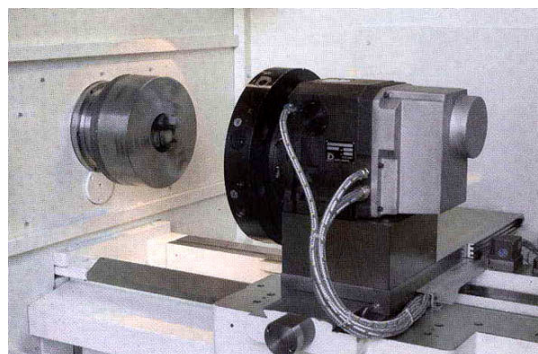
Lathes can flexibly turn single pieces or prototypes as well as pieces in repetitive lots.



The tool holder devices include manual or automatic tool-change turrets with a vertical 4-way axis of rotation or horizontal 8-way tool post.

The availability of options can be completed with fixed rests and follow rests with rollers and with manually-operated or hydraulically-operated self-centring chucks.

The latest-generation CNC is equipped with fixed preset self-learning cycles to easily control machine operations. It also features ISO programming for expert users.



TECHNICAL FEATURES

| | | FA400 | FA500 | FA600 |
|-----------------------------------|----|--------------------------------|-------------------------------------|-------------------------------------|
| Height of centres | mm | 400 | 500 | 600 |
| Max. swing in gap | mm | 1000 | 1300 | 1500 |
| Max. swing on cross slide | mm | 540 | 700 | 900 |
| Max. swing over bed | mm | 800 | 1000 | 1200 |
| Max distance between centres | mm | 1500 2000 3000 4000 5000 | 1500 2000 3000 4000 5000 6000 | 1500 2000 3000 4000 5000 6000 |
| Spindle bore | mm | da 110 a 182 | da 110 a 182 | da 110 a 182 |
| CAMLOCK nose | n | 8 | 11 | 11 |
| Length of gap in front table | mm | 330 | 360 | 360 |
| Width of bed | mm | 460 | 570 | 570 |
| Tailstock quill diameter | mm | 100 | 130 | 130 |
| Tailstock quill stroke | mm | 250 | 300 | 300 |
| Steady rest diameter | mm | 500 | 600 | 600 |
| Spindle and tailstock Morse taper | mm | 5 | 6 | 6 |
| nr. 2 range of spindle speeds | | 0÷250 250÷1500 | 0÷250 250÷1500 | 0÷250 250÷1500 |
| Screw diameter | mm | 50 | 60 | 60 |
| Screw pitch | mm | 10 | 10 | 10 |
| Power of main motor | Kw | 15 | 17 | 22 |
| Power of longitudinal motor | Nm | 16 | 22 | 26 |
| Power of cross motor | Nm | 12 | 16 | 16 |

Technical specifications are subject to change without notice.

SPECIAL EQUIPMENT

4-jaws independent chuck, self-centring chuck, manual tool holder turret, live center, chip removal device.





FRACOM s.a.s.

Via F.lli Vigorelli, 20
20020 Magnago (MI) – Italia
Tel. +39.0331.658452
Fax +39.0331.656812
info@fracom.it
www.fracom.it