



Z-MaT® 震环机床



车 Turning 铣 MILLING 车铣复合 Turnmill 专用机床 SPM

装备震环,智造不凡!



Your Smart Solution Provider

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装备震环,智造不凡!

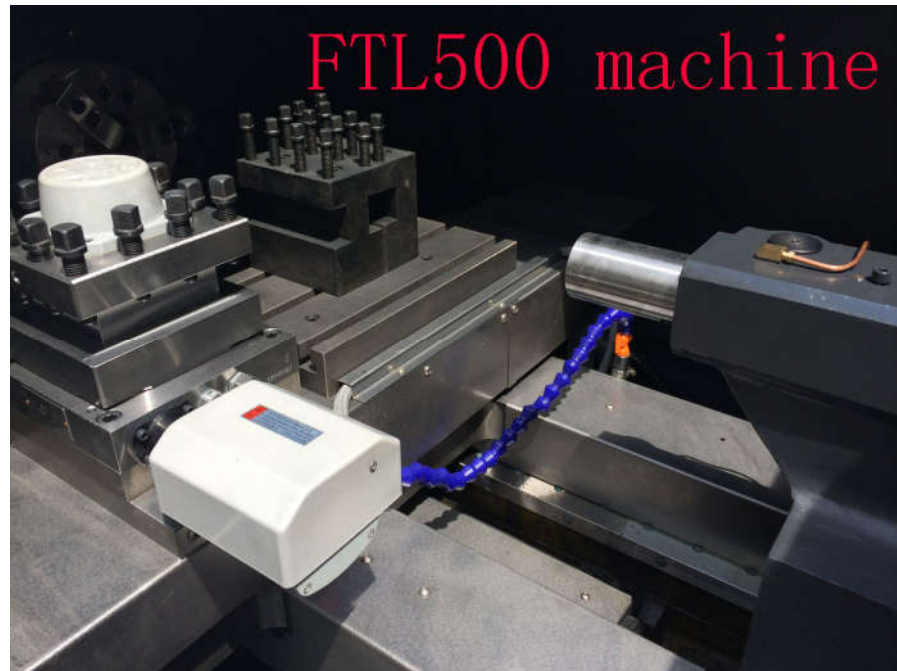


加工方案 Machining Solutions



车 Turning 铣 MILLING 车铣复合 Turnmill 专用机床 SPM

www.zhenjienc.com
400 891 0001



FTL500 machine

FTL series machine photos



FTL400 machine with 8-position turret



FTL550 machine
with live tooling



FTL series Feature and advantage

Revolution and Unique model only Produce in Z-MaT

- 1, Cylindrical and high rigidity linear guide way
- 2, Ball screw is put in the middle of linear guide way
- 3, Stainless Steel telescopic cover
- 4, Standard 4-station tool post, Optional for Gang type tool ,QCTP, live tooling and 8/12-station turret.
- 5, Steel insert tailstock
- 6, Equipped with manual machining options
- 7, Linear guide way span reach to 500mm width
- 8, Widest range machining choice for customers-between centers from 180mm to 1500mm, bar capacity from $\Phi 40$ to $\Phi 127$ mm.
- 9, Fanuc Oi TF, Siemens 808D-II and GSK988T are all available

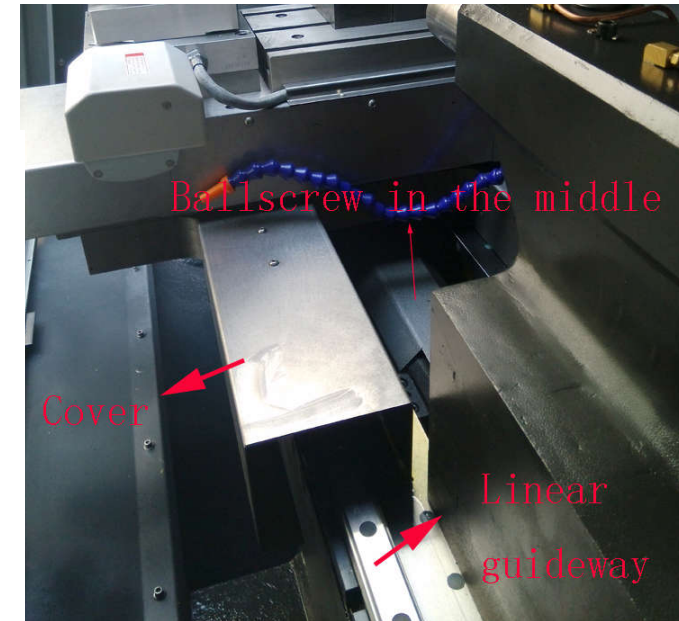
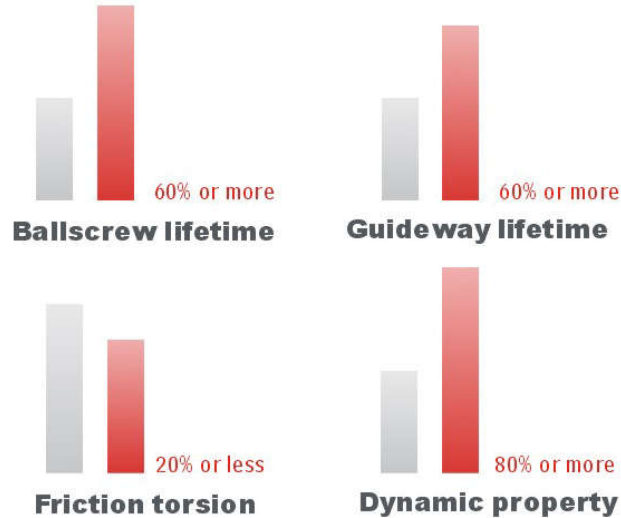


Z-MaT Design Advantage

- 1, Linear guide way provide faster rapid traverse(15/15mm) and accuracy keep stable after long time working.
- 2, Ball screw put in the middle of linear guide way without side friction torque which provide better dynamic property and are more stable over long term
- 3, With Stainless steel telescopic cover
- 4, Postposition turret makes workers operate safer compare to preposition turret

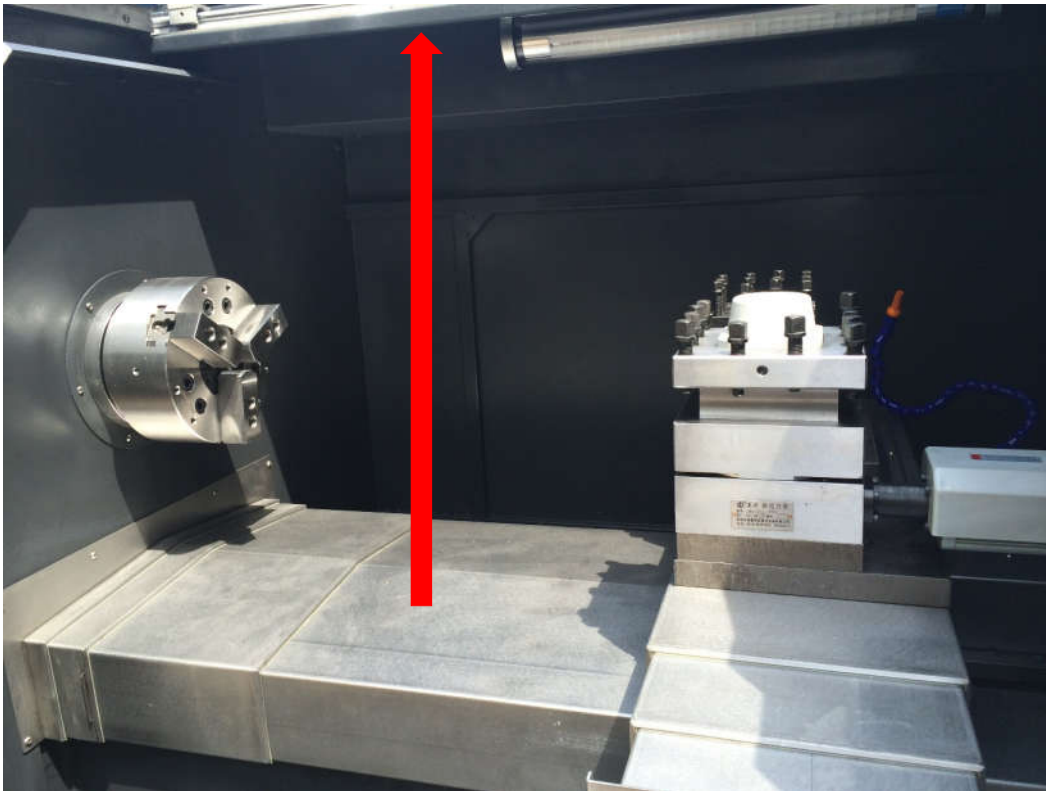


Comparison of tradition CK type CNC lathe



Compare to HAAS

Stainless steel telescopic cover to provide excellent chip-proofing and protect linear guide way to extend long life span time



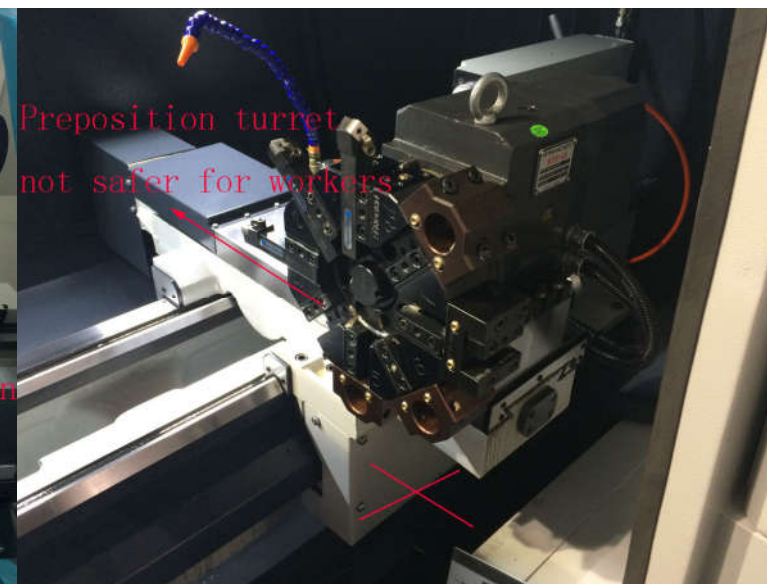
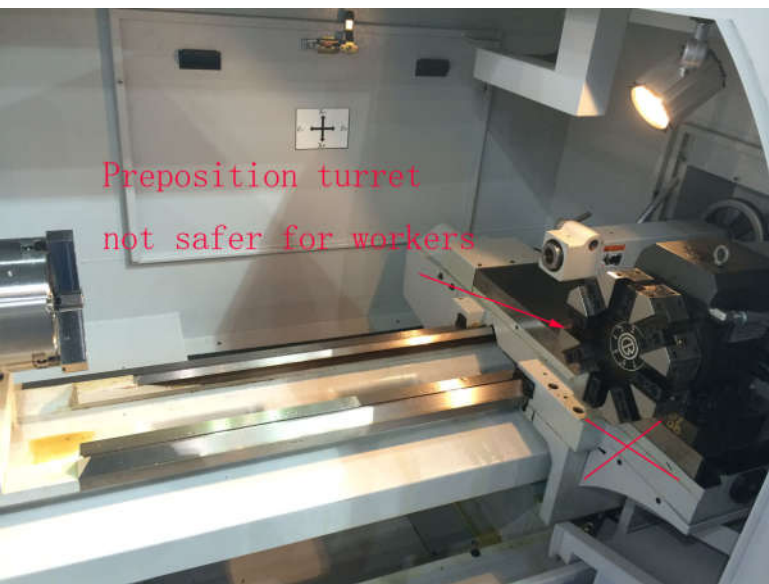
HAAS TL2 machine



Compare to other competitors

Traditional and conventional design

- 1, Box guide way rapid traverse is lower than linear guide way (9/9mm), the hardness can't keep after long time working and it is not possible for maintainance
- 2, Ball screw in the side
- 3, NO cover
- 4, Preposition turret-not safer for workers

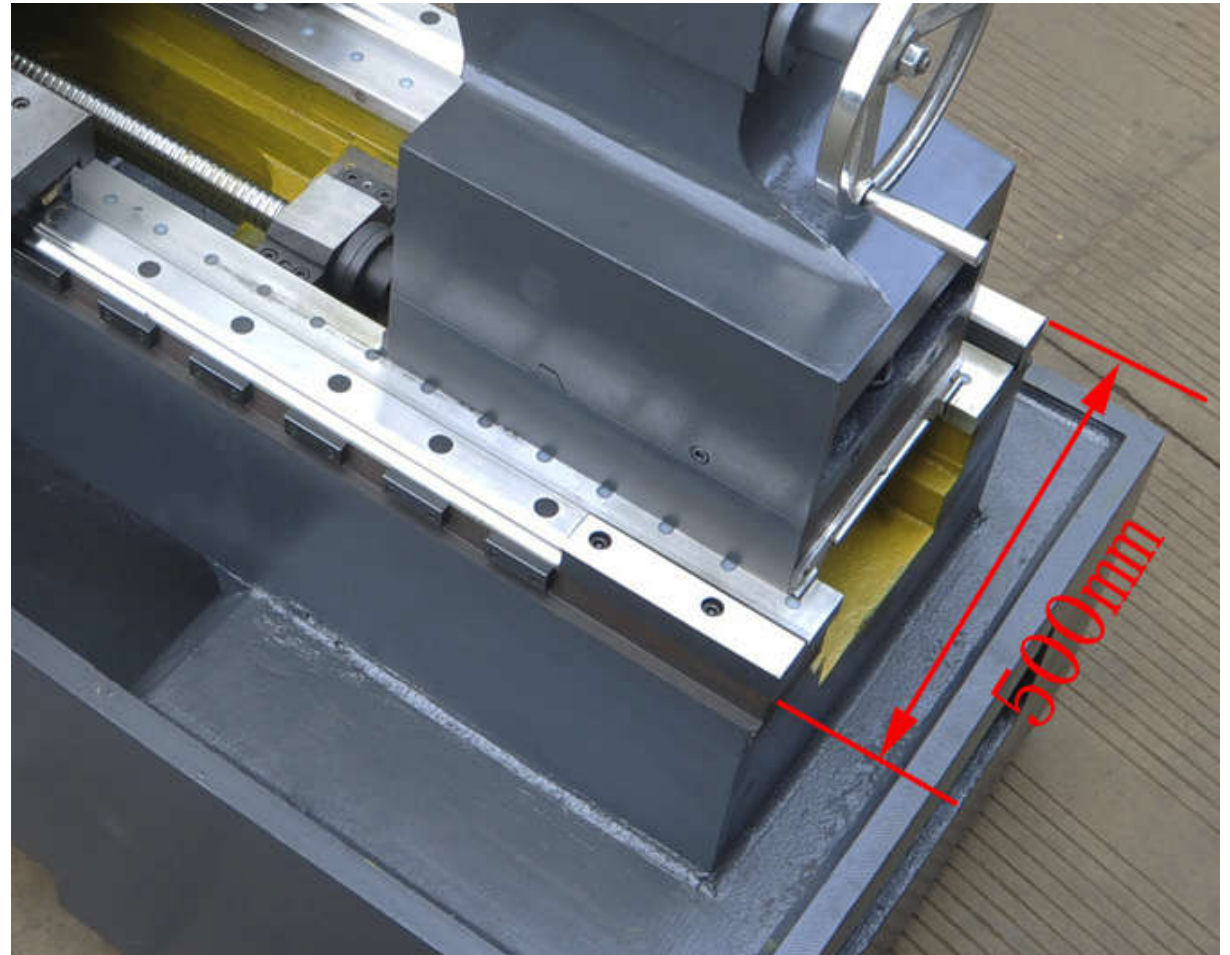


Linear guide way span **Advantage**

FTL500 and FTL550 reach to 500mm width Which makes machine much more stronger

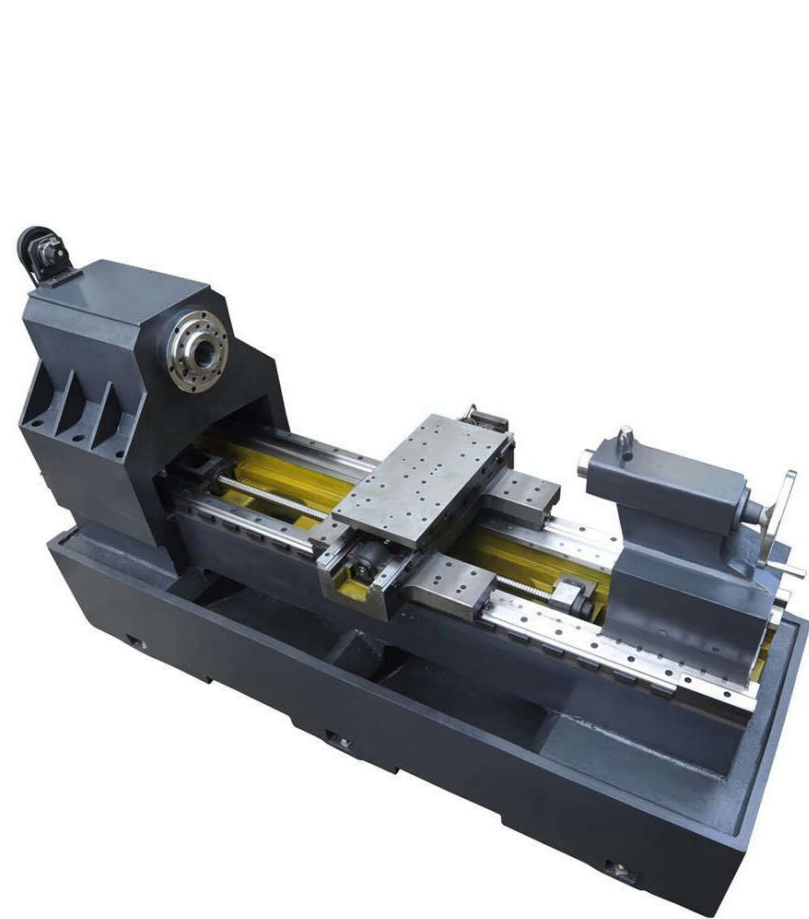
And provide infallible rigidity.

Others maximum 350-400mm, even less than 350mm.

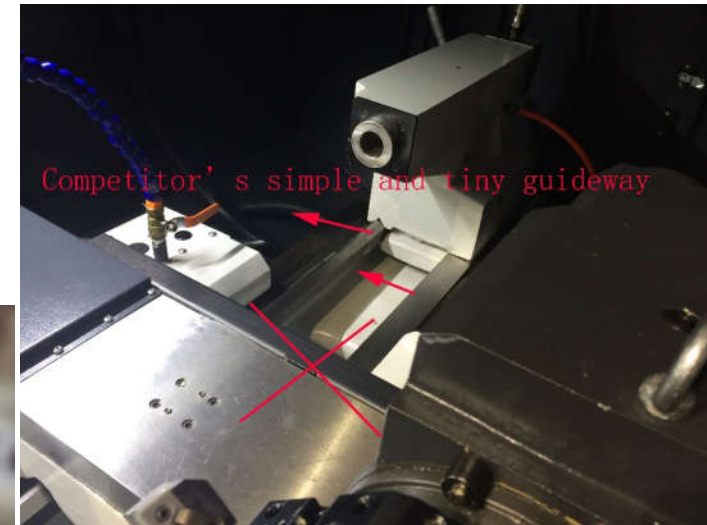


Z-MaT

Tailstock speciality VS Competitor's



Insert steel Rectangular
tailstock guideway



Competitor's simple and tiny guideway

Insert steel rectangular tailstock guide way has much more better anti-corrosion, anti-wear and hardness performance than competitor's simple and tiny guide way.

This solid tailstock structure builds the best base for high dynamic rigidity and machining Performance.

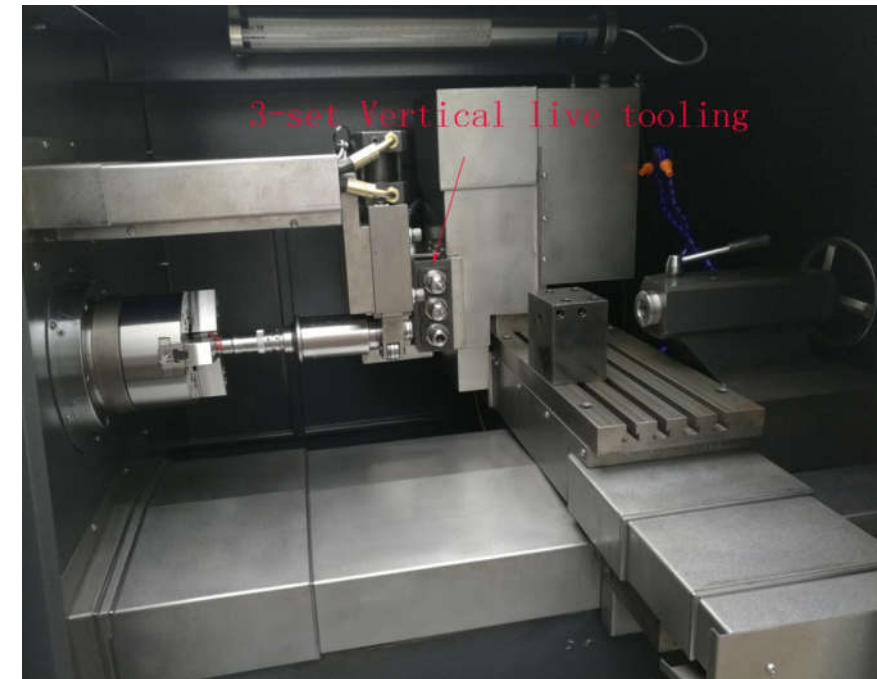
Z-MaT **Flexibility**

By manual machining, this Series machine will be Useful with any level of operator, for production or prototype. It can be operated manually with jog joysticks and MPG hand wheels, teach and repeat, user interactive conversational or full blown CNC G-Code/ M-Function with macros.

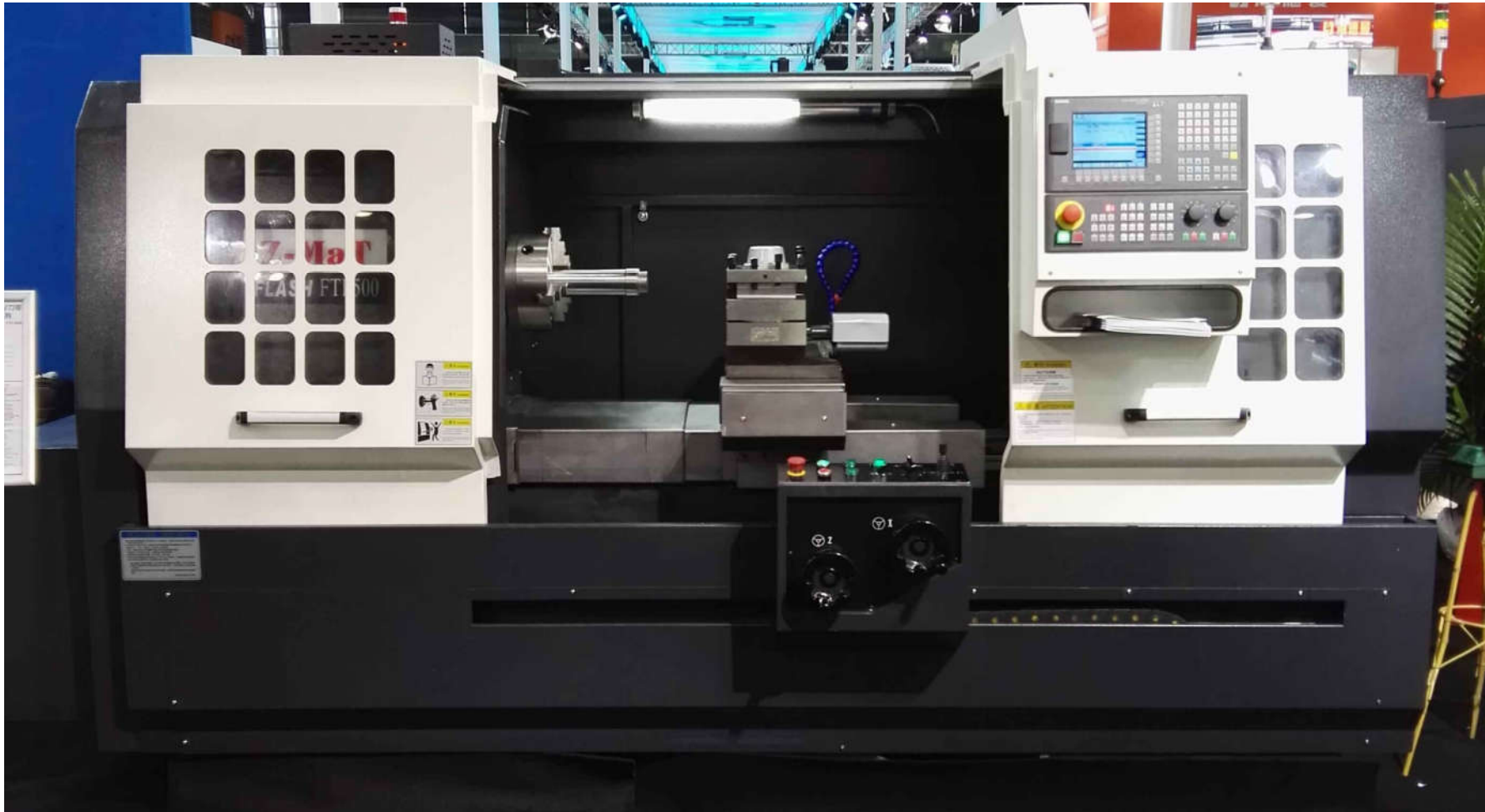


Z-MaT **Highlights**

By providing various live tooling which could meet different customer cutting requirement including milling, drilling and tapping interpolated with C axis to create powerful and practical solutions.



More photos of FTL500-1000mm







More photos of FTL550-1000





FTL550-1000 Mass production(8 machines)





Photos of FTL550-1500mm





FTL550-1500 inner photos





More photos of FTL400





FTL400 inner photos (Different configuration according to customer order)





FTL400 with manual machining order





