



Automatic mass production

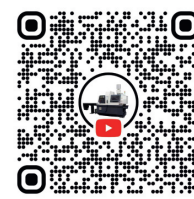
TODAYCNC

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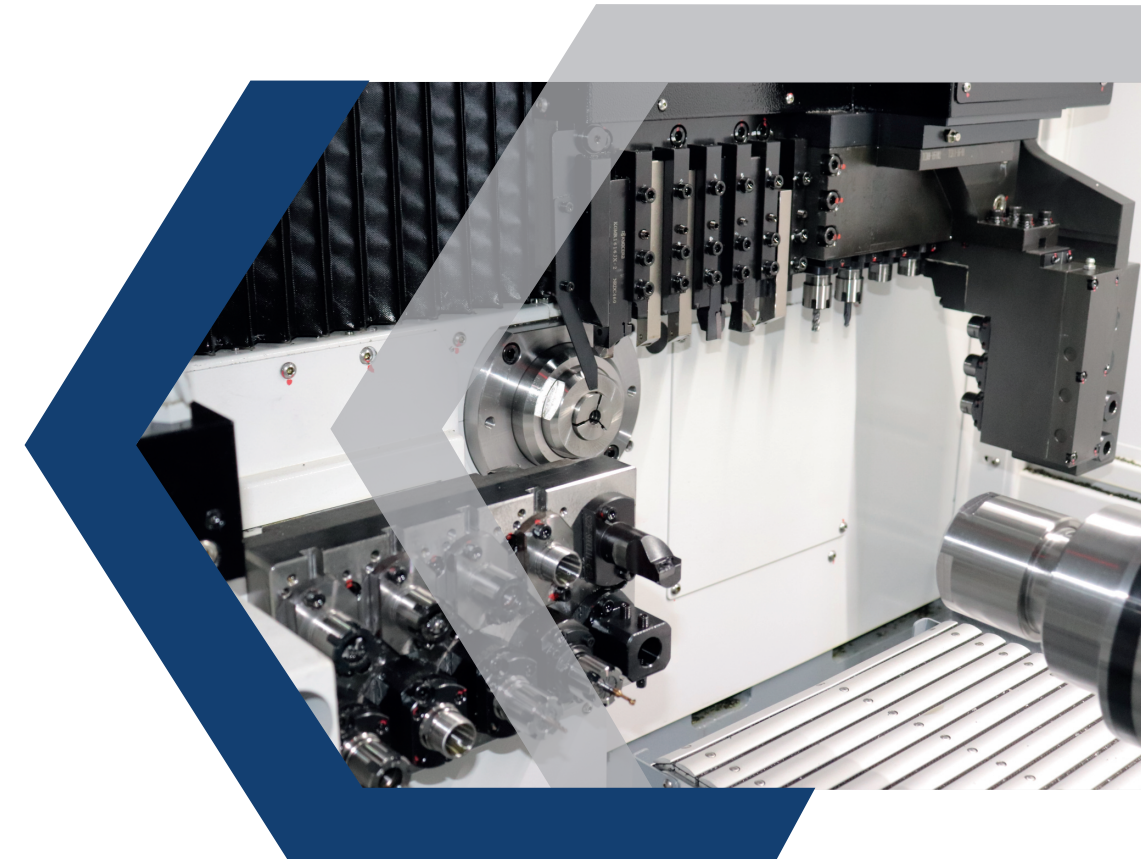
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CNC Swiss-type Automatic Lathe Professional Manufacturer

Today Standard Precision Machine Tool Co., Ltd.



Established in 2007, TODAYCNC is a national high-tech manufacturer of Swiss-type CNC lathe.



Sell to over 20 countries worldwide with high reputation



Serve auto, medical, aerospace, electronic, hydraulic/pneumatic, optical, defense components— with custom turnkey solutions.



Hold hundreds of patents and help shape national industry standards.



Audited by ISO9001 & SGS. Controlling every step from design to production to meet global standards.



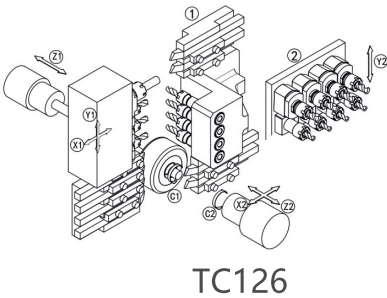
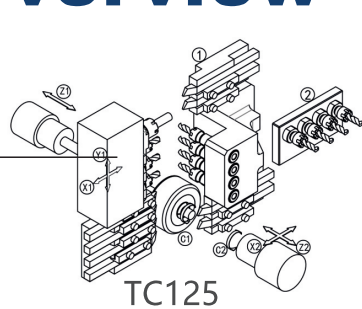
Embrace “Standards drive innovation; Quality builds brand.”

CNC Sliding Headstock Lathe

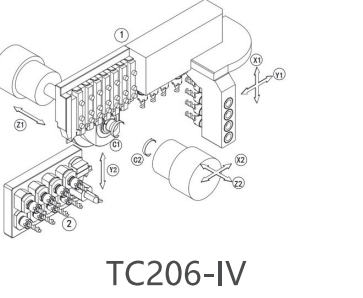
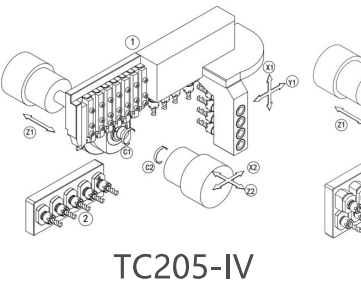
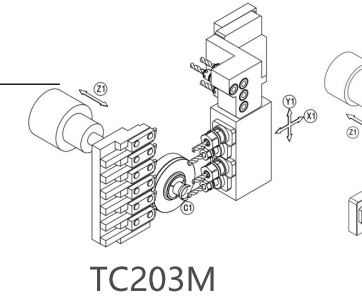
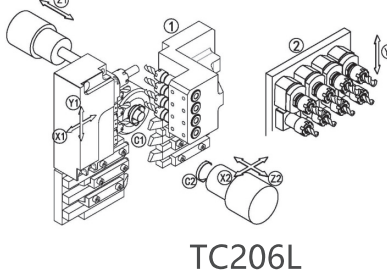
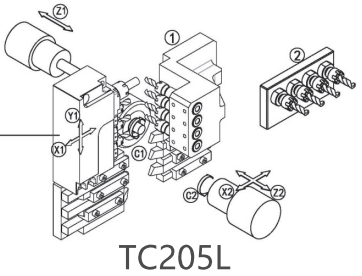


Models Overview

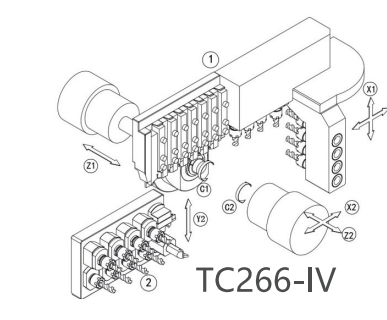
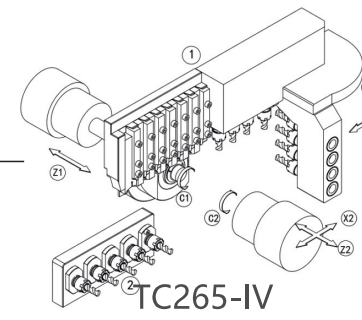
TC12



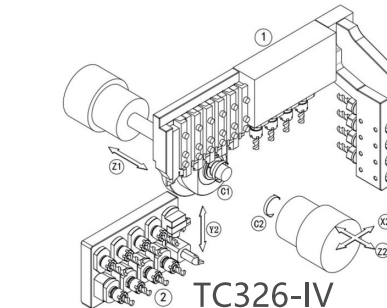
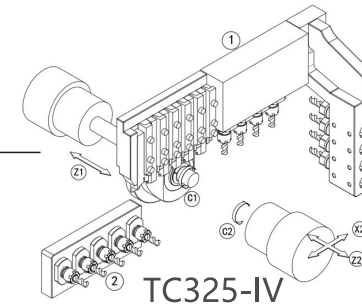
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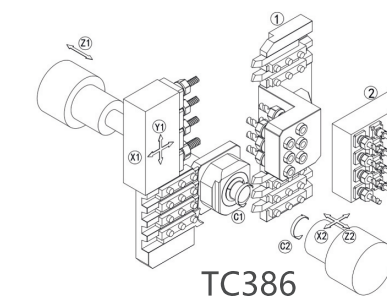
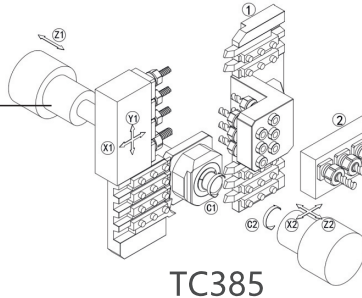
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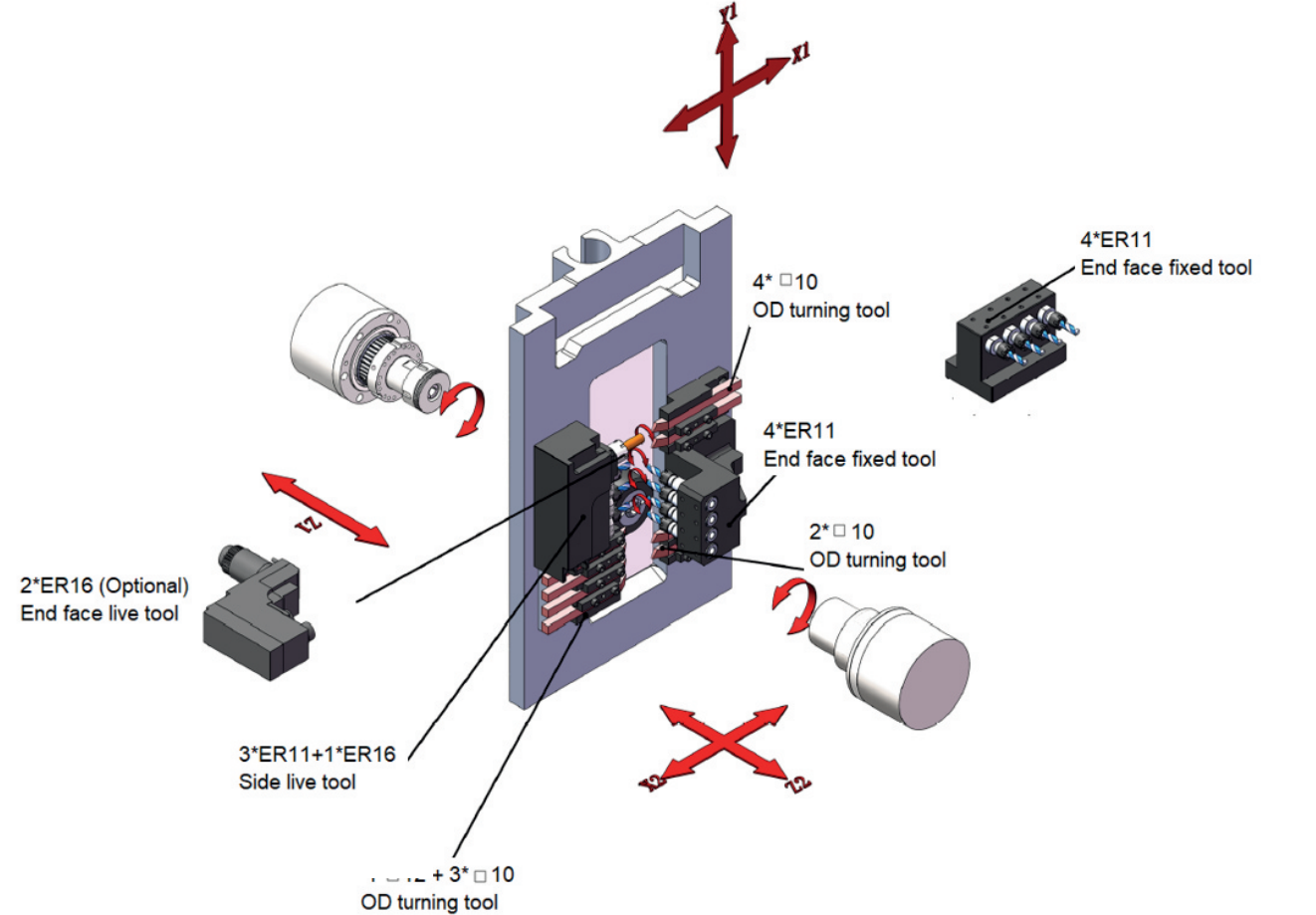
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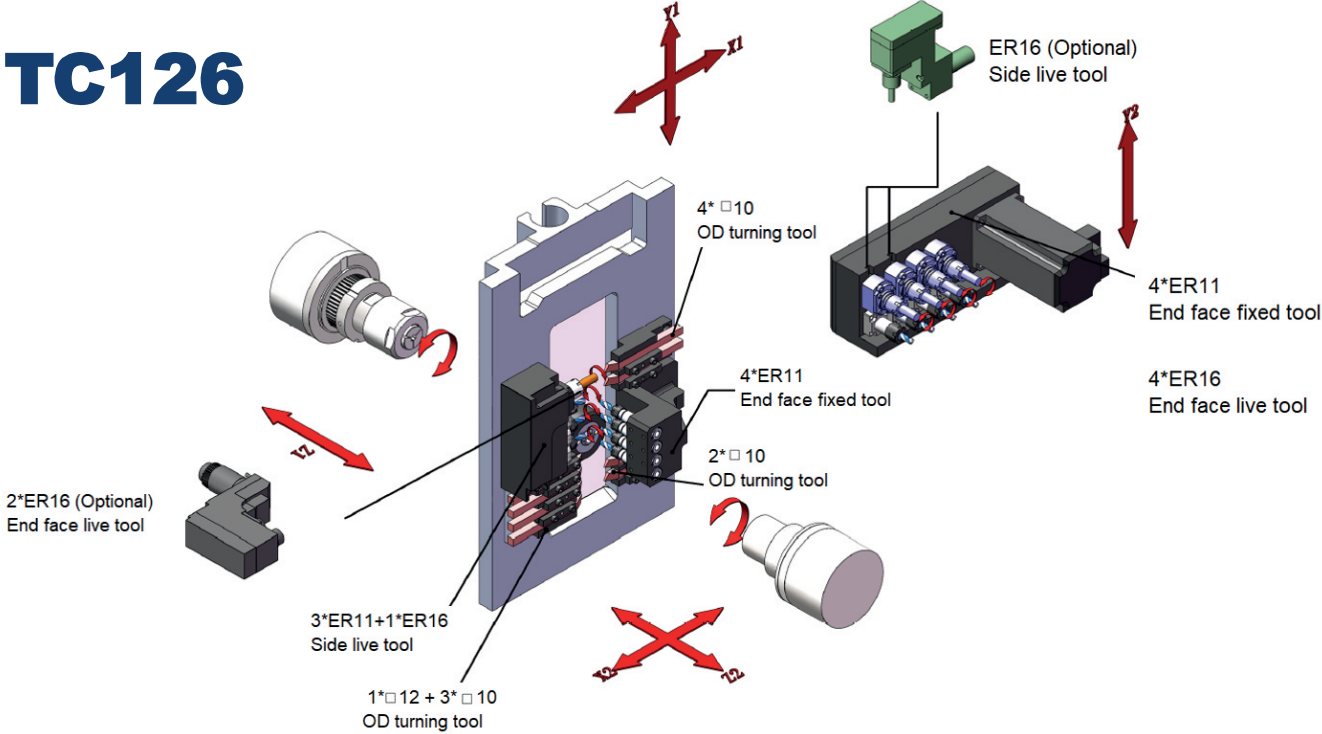
TC38



TC125



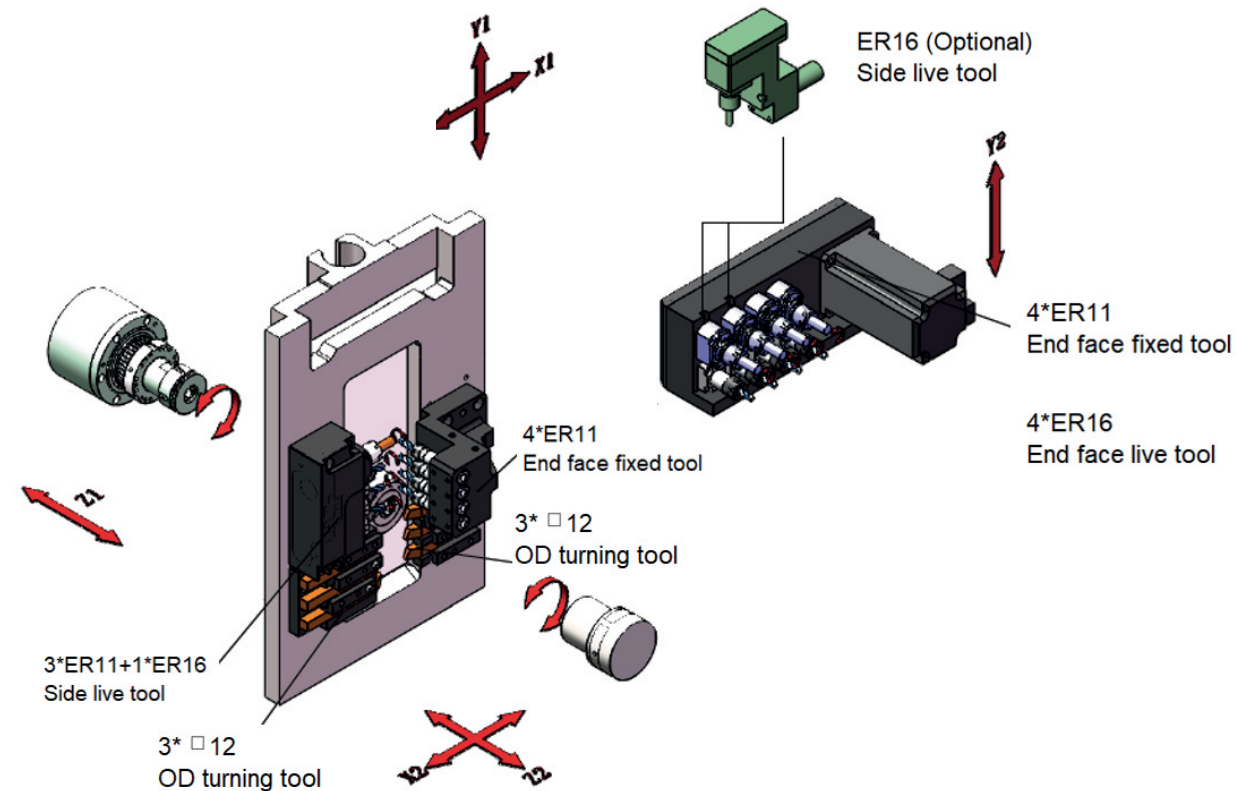
TC126



Standard Configuration		Optional Configuration	
• Syntec System	• Oil Coolant	• FANUC System	• Mitsubishi System
• With/Non Guide Bushe model	• Transformer	• Automatic Bar Feeder	• Chip Conveyor
• Short Part Catcher	• Tool Box	• High Pressure Pump	• Cylinder arm
• MPG	• User Manual	• Oil Mist Connector	• Live Tool Holder

Model			TC125	TC126
NC system			FANUC Oi-TF Plus	
Machining Capacity		Lathe rated power	11KW	12KW
		Maximum machining diameter	φ12mm	φ12mm
		Maximum machining length (one-time chucking)	Non guide bush: 2D With guide bush: 190mm	Non guide bush: 2D With guide bush: 190mm
		Total tool QTY	20pcs	24pcs
Main/Sub Spindle Mechanical Capacity		Power	1.5/2.2KW	1.5/2.2KW
		Max Through hole dia	φ13mm	φ13mm
		Max chucking dia	φ12mm	φ12mm
		Rev speed	12000/12000rpm	12000/12000rpm
Main Spindle Tool	OD Turning Tool	QTY×Model	8×~10	8×~10
	Side Live Tool	QTY×Model	3×ER11+1×ER16	3×ER11+1×ER16
		Drilling dia	φ10mm	φ10mm
		Tapping/Threading die dia	M5	M5
		Live tool rev speed	5000rpm	5000rpm
		Live tool power	1KW	1KW
	End-face Fixed Tool	QTY×Model	4×ER11	4×ER11
		Drilling dia	φ7	φ7
		Tapping/Threading die dia	M5	M5
	Sub Spindle Tool	End-face Fixed Tool	QTY×Model	4×ER11
Drilling dia			φ7mm	φ7mm
Tapping/Threading die dia			M5	M5
End-face Live Tool		QTY×Model	/	4×ER16
		Drilling dia	/	φ7
		Tapping/Threading die dia	/	M5
		Live tool rev speed	/	5000rpm
		Live tool power	/	1KW
Others	Rapid feed speed		32(X2/Y1/Z1/Z2) 24(X1)	32(X2/Y1/Z1/Z2) 24(X1/Y2)
	Feed motor power		0.75KW	
	The power capacity		380vac	
	Air pressure device		0.6mpa	
	Cooling box capacity		120L	
	Lathe weight		1.8T	
	Dimensions (L×W×H)		1900×1200×1750mm	

TC206L

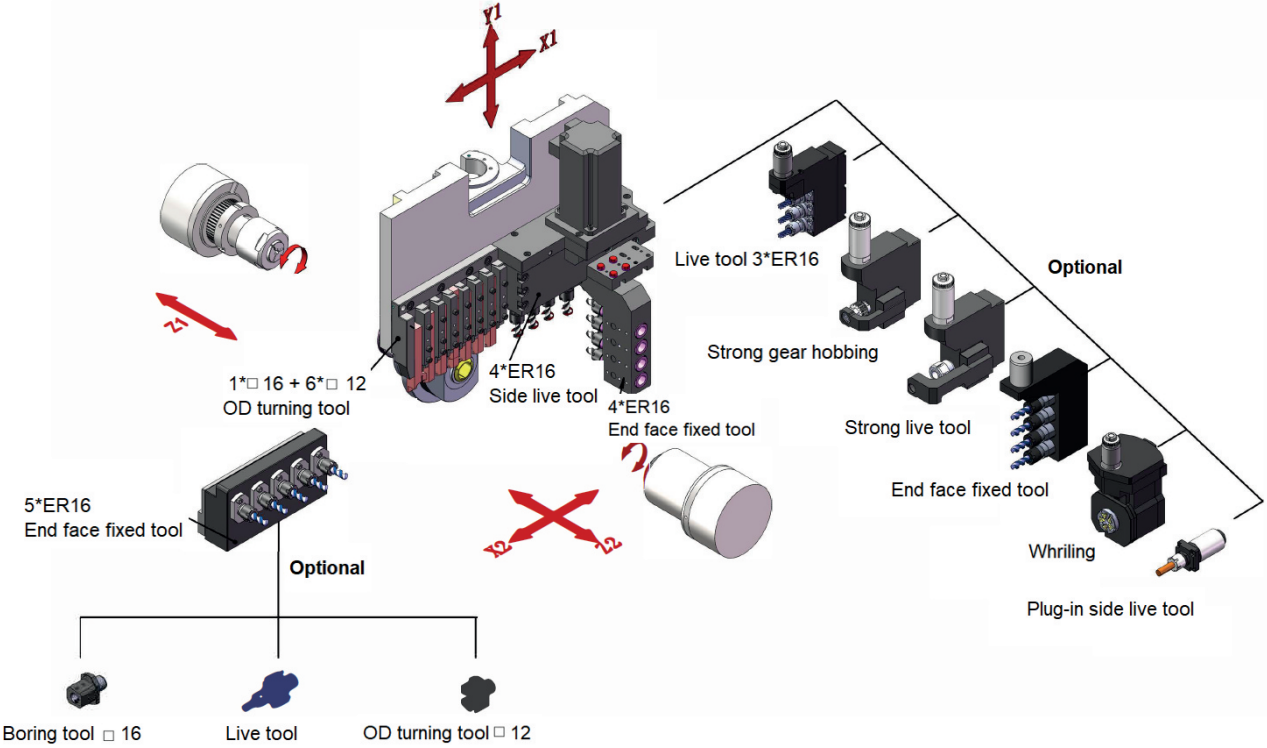


Optional Configuration

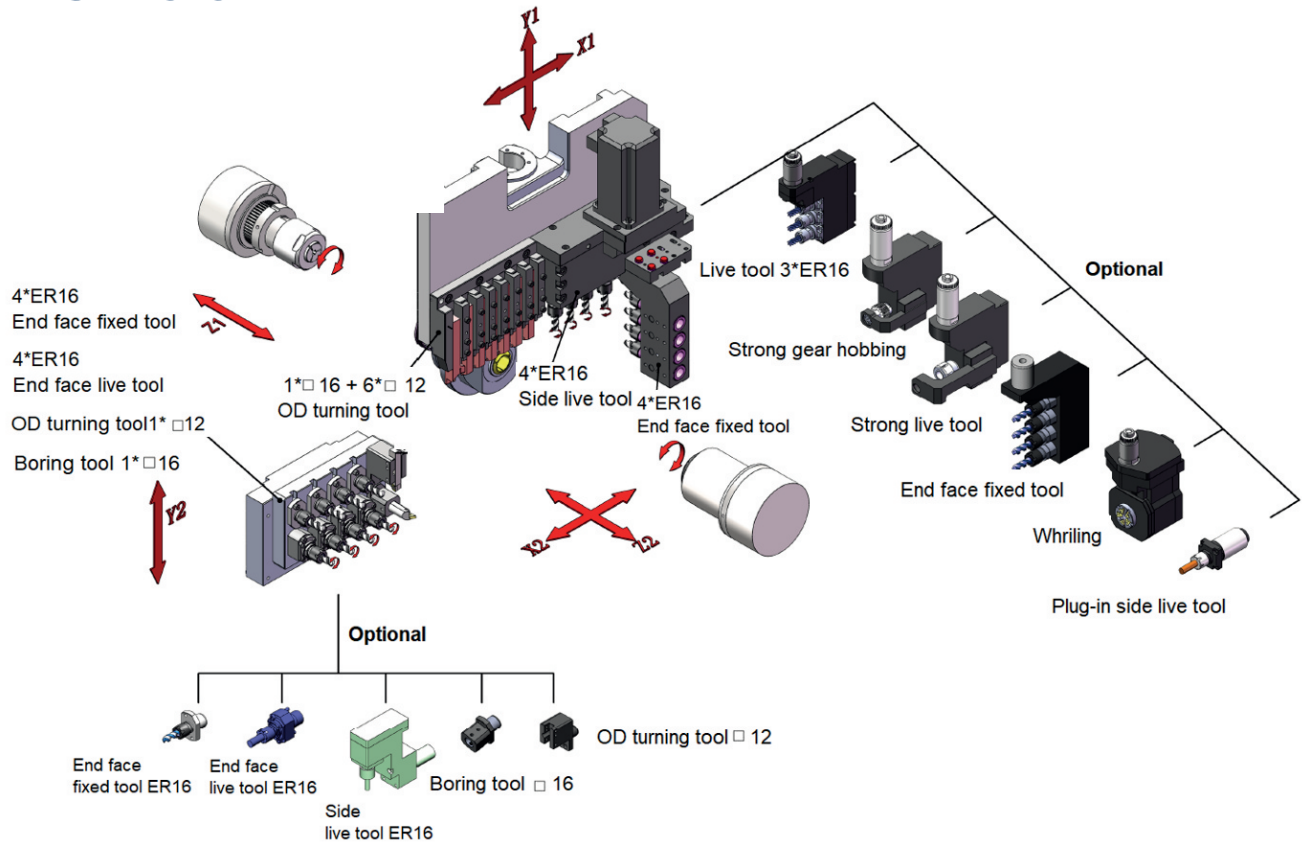
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|------------------------------|---------------|------------------------|---------------------|
| • Syntec System | • Oil Coolant | • FANUC System | • Mitsubishi System |
| • With/Non Guide Bushe model | • Transformer | • Automatic Bar Feeder | • Chip Conveyor |
| • Short Part Catcher | • Tool Box | • High Pressure Pump | • Cylinder arm |
| • MPG | • User Manual | • Oil Mist Connector | • Live Tool Holder |

MODEL			TC205L	TC206L
NC System			SYNTEC 220TB	
Machining Capacity		Lathe rated power	16KW	
		Maximum machining diameter	φ20mm	φ20mm
		Maximum machining length (one-time chucking)	Non guide bush: : 40mm With guide bush: 190mm	Non guide bush: 40mm With guide bush: 190mm
		Total tool QTY	18pcs	22pcs
Main/Sub Spindle Mechanical Capacity		Power	4KW	4KW
		Maximum through hole dia	φ22mm	φ22mm
		Maximum chuck dia	φ20mm	φ20mm
		Rev speed	10000rpm	10000rpm
Main Spindle Tool	OD turning tool	QTY×Model	6×"12	6×"12
	Side-live Tool	QTY×Model	3×ER11+1×ER16	3×ER11+1×ER16
		Drilling dia	φ10mm	φ10mm
		Tapping/Threading die dia	M5	M5
		Live tool rev speed	6000rpm	6000rpm
		Live tool power	1KW	1KW
	End-face fixed tool	QTY×Model	4×ER16	4×ER11
		Drilling dia	φ7mm	φ7mm
		Tapping/Threading die dia	M8	M10
Sub Spindle Tool	End-face Fixed Tool	QTY×Model	4×ER11	4×ER16
		Drilling dia	φ7mm	φ7mm
		Tapping/Threading die dia	M10	M10
	End-face Live Tool	QTY×Model	/	4×ER16
		Drilling dia	/	φ7mm
		Tapping/Threading die dia	/	M10
		Live tool rev speed	/	6000rpm
		Live tool power	/	1KW
Rapid feed speed		32(X2/Y1/Z1/Z2) 24 (X1)m/min	32(X2/Y1/Z1/Z2) 24(X1/Y2)m/min	
Feed motor power		1KW		
Lathe weight		1.8T		
Dimensions (L×W×H)		2220×1200×1800mm		

TC205-IV



TC206-IV



Standard Configuration

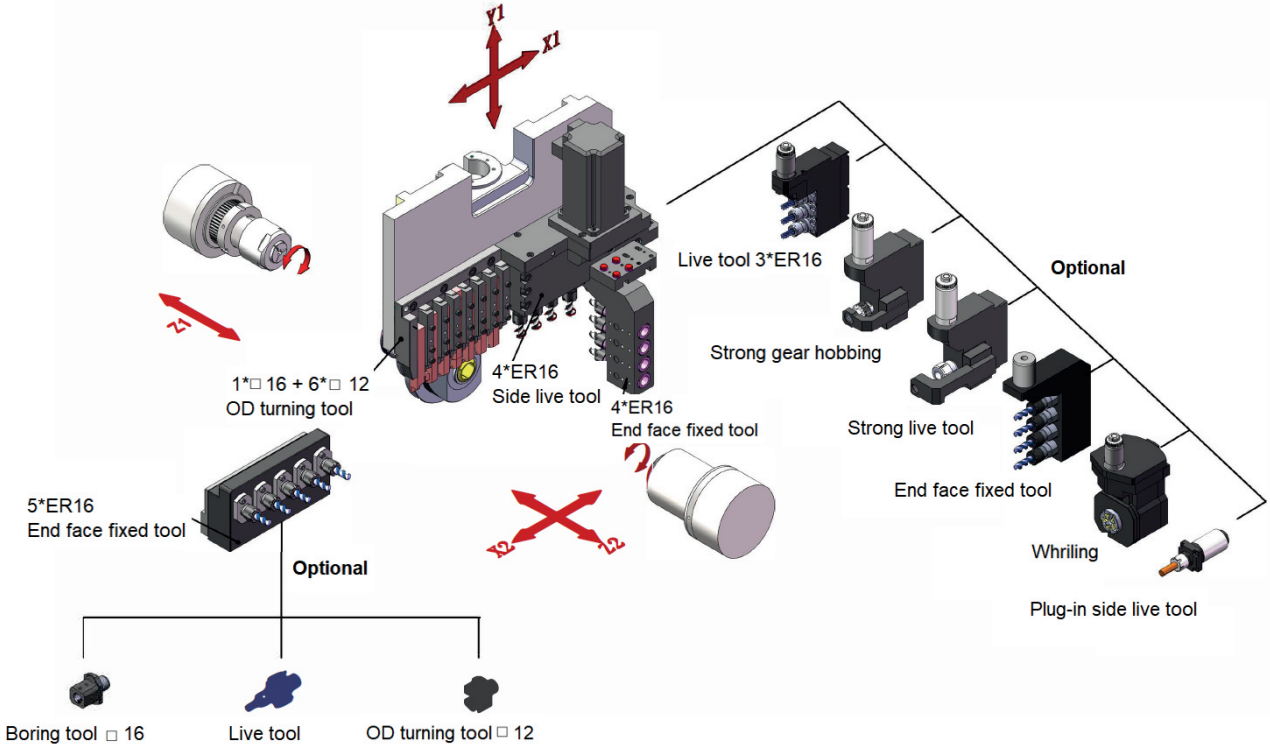
- Syntec System
- With/Non Guide Bushe model
- Short Part Catcher
- MPG

Optional Configuration

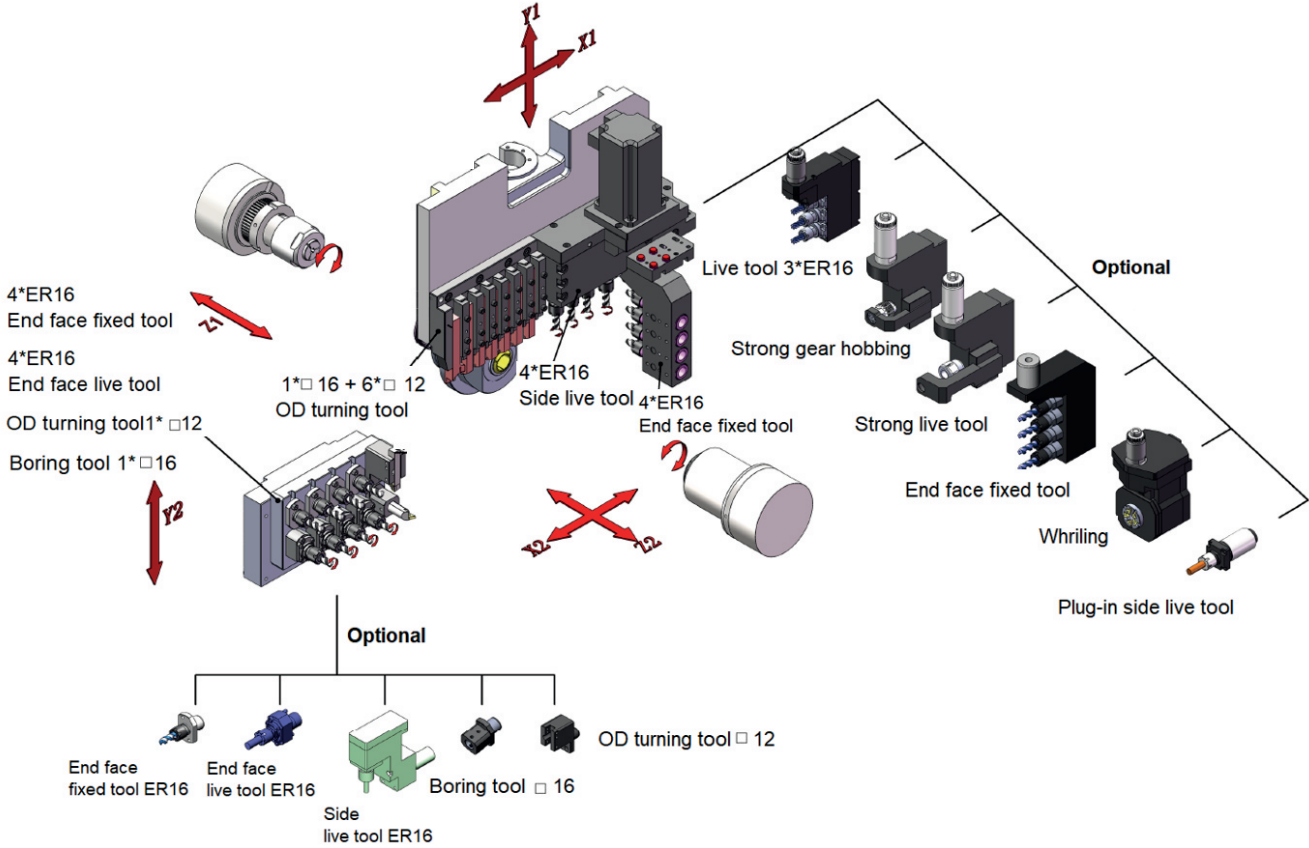
- Oil Coolant
- Transformer
- Tool Box
- User Manual
- FANUC System
- Automatic Bar Feeder
- High Pressure Pump
- Oil Mist Connector
- Mitsubishi System
- Chip Conveyor
- Auto B-axis
- Deep hole drill

MODEL		TC205-IV	TC206-IV
NC System		FANUC Oi-TF Plus	
Machining Capacity	Lathe rated power	15KW	16KW
	Maximum machining diameter	φ20mm	φ20mm
	Maximum machining length (one-time chucking)	Non Guide Bush : 2.5D With Guide Bush : 250mm	Non Guide Bush : 2.5D With Guide Bush : 250mm
	Total tool QTY	20pcs	25pcs
Main/Sub Spindle Mechanical Capacity	Power	2.2/3.7KW	2.2/3.7KW
	Maximum through hole dia	φ23mm	φ23mm
	Maximum chuck dia	φ20mm	φ20mm
	Rev speed	10000rpm	10000rpm
Main Spindle Tool	OD turning tool	QTY×Model	1×"16+6×"12
	Side-live Tool	QTY×Model	4×ER16
		Drilling dia	φ10mm
		Tapping/Threading die dia	M6
		Live tool rev speed	5000rpm
		Live tool power	1KW
	End-face fixed tool	QTY×Model	4×ER16
		Drilling dia	φ10mm
		Tapping/Threading die dia	M8
Sub Spindle Tool	End-face fixed tool	QTY×Model	5×ER16
		Drilling dia	φ10mm
		Tapping/Threading die dia	M8
	End-Face live tool	QTY×Model	/
		Drilling dia	/
		Tapping/Threading die dia	/
		Live tool rev speed	/
		Live tool power	/
	Boring tool	Qty×Model	/
	OD turning tool	Qty×Model	/
Rapid feed speed		24(X1/X2/Y1/Z1/Z2) m/min	24(X1/X2/Y1/Z1/Z2/Y2) m/min
Feed motor power		0.75KW	
The power capacity		380vac	
Air pressure device		0.6mpa	
Weight		2.8T	2.9T
Dimensions(L×W×H)		2700×1350×1850mm	

TC265-IV



TC266-IV



Standard Configuration

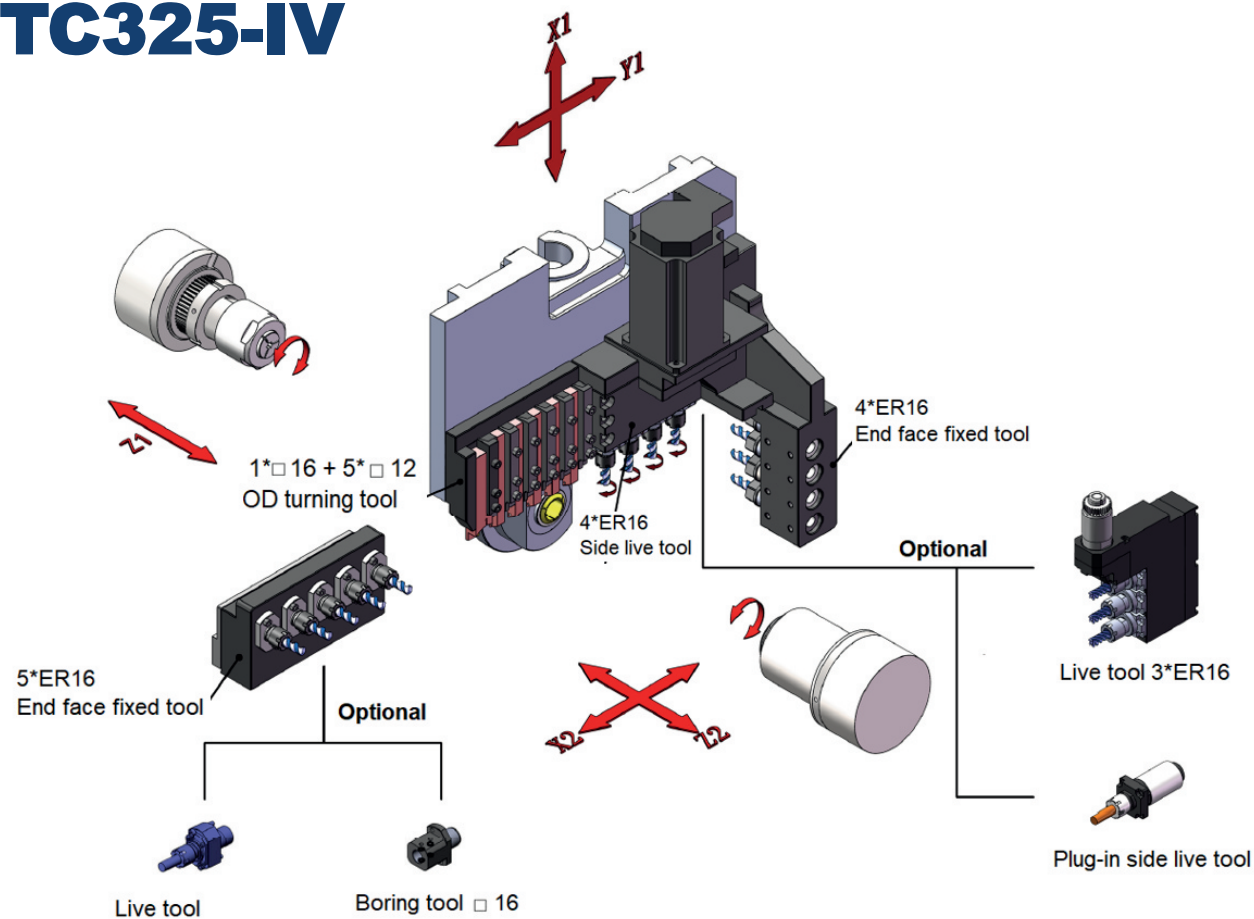
- Syntec System
- With/Non Guide Bushe model
- Short Part Catcher
- MPG

Optional Configuration

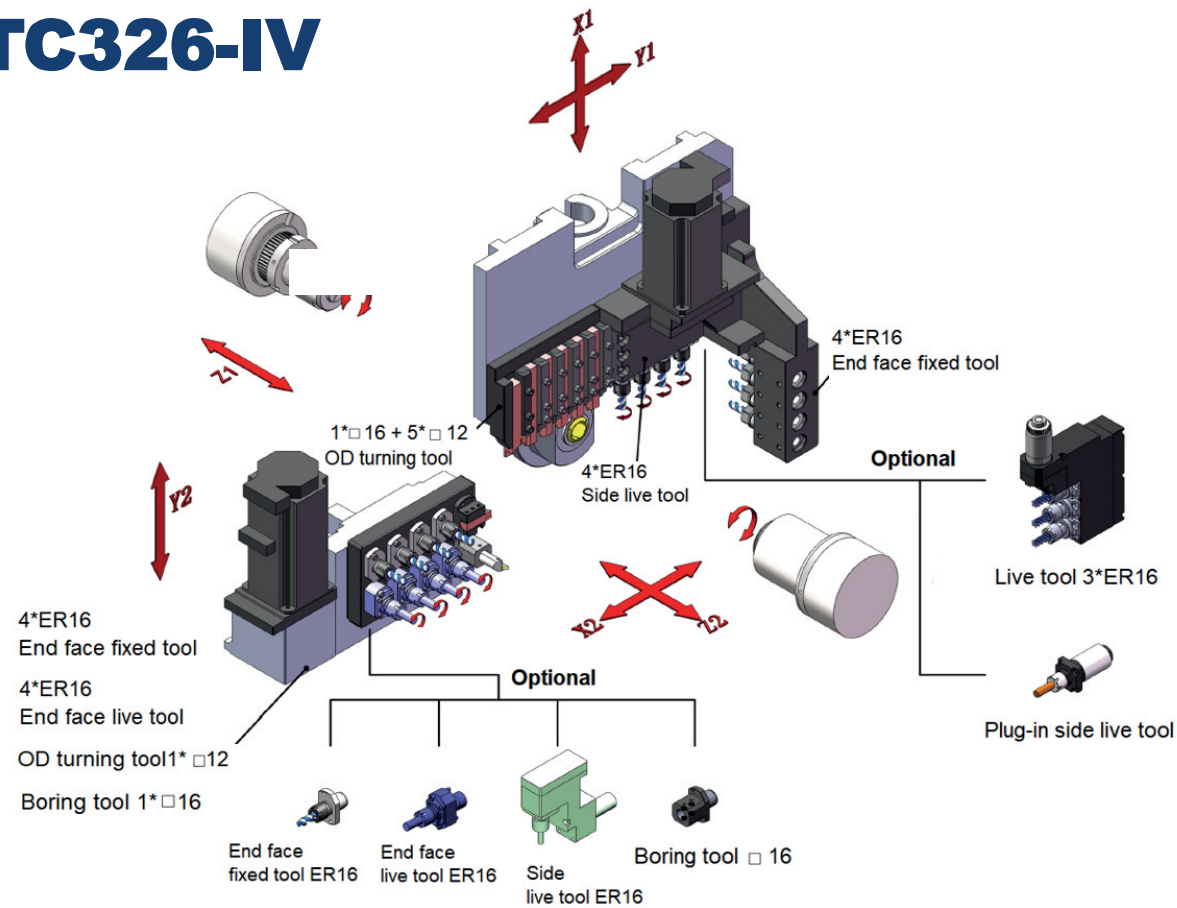
- Oil Coolant
- Transformer
- Tool Box
- User Manual
- FANUC System
- Automatic Bar Feeder
- High Pressure Pump
- Oil Mist Connector
- Mitsubishi System
- Chip Conveyor
- Auto B-axis
- Deep hole drill

MODEL		TC265-IV	TC266-IV
NC System		FANUC Oi-TF Plus	
Machining Capacity	Lathe rated power	15KW	16KW
	Maximum machining diameter	φ26mm	φ26mm
	Maximum machining length (one-time chucking)	Non Guide Bush: 2.5D With Guide Bush: 250mm	Non Guide Bush: 2.5D With Guide Bush: 250mm
	Total tool QTY	20pcs	25pcs
Main/Sub Spindle Mechanical Capacity	Power	2.2/3.7KW	2.2/3.7KW
	Maximum through hole dia	φ27mm	φ27mm
	Maximum chuck dia	φ26mm	φ26mm
	Rev speed	10000rpm	10000rpm
Main Spindle Tool	OD turning tool	QTY×Model	1×"16+6×"12
	Side-live Tool	QTY×Model	4×ER16
		Drilling dia	φ10mm
		Tapping/Threading die dia	M6
		Live tool rev speed	5000rpm
		Live tool power	1KW
	End-face fixed tool	QTY×Model	4×ER16
		Drilling dia	φ10mm
		Tapping/Threading die dia	M8
Sub Spindle Tool	End-face fixed tool	QTY×Model	5×ER16
		Drilling dia	φ10mm
		Tapping/Threading die dia	M8
	End-Face live tool	QTY×Model	/
		Drilling dia	/
		Tapping/Threading die dia	/
		Live tool rev speed	/
		Live tool power	/
	Boring tool	Qty×Model	/
	OD turning tool	Qty×Model	/
Rapid feed speed		24(X1/X2/Y1/Z1/Z2) m/min	24(X1/X2/Y1/Z1/Z2/Y2) m/min
Feed motor power		0.75KW	
The power capacity		380vac	
Air pressure device		0.6mpa	
Weight		2.8T	2.9T
Dimensions(L×W×H)		2700×1350×1850mm	

TC325-IV



TC326-IV



Standard Configuration

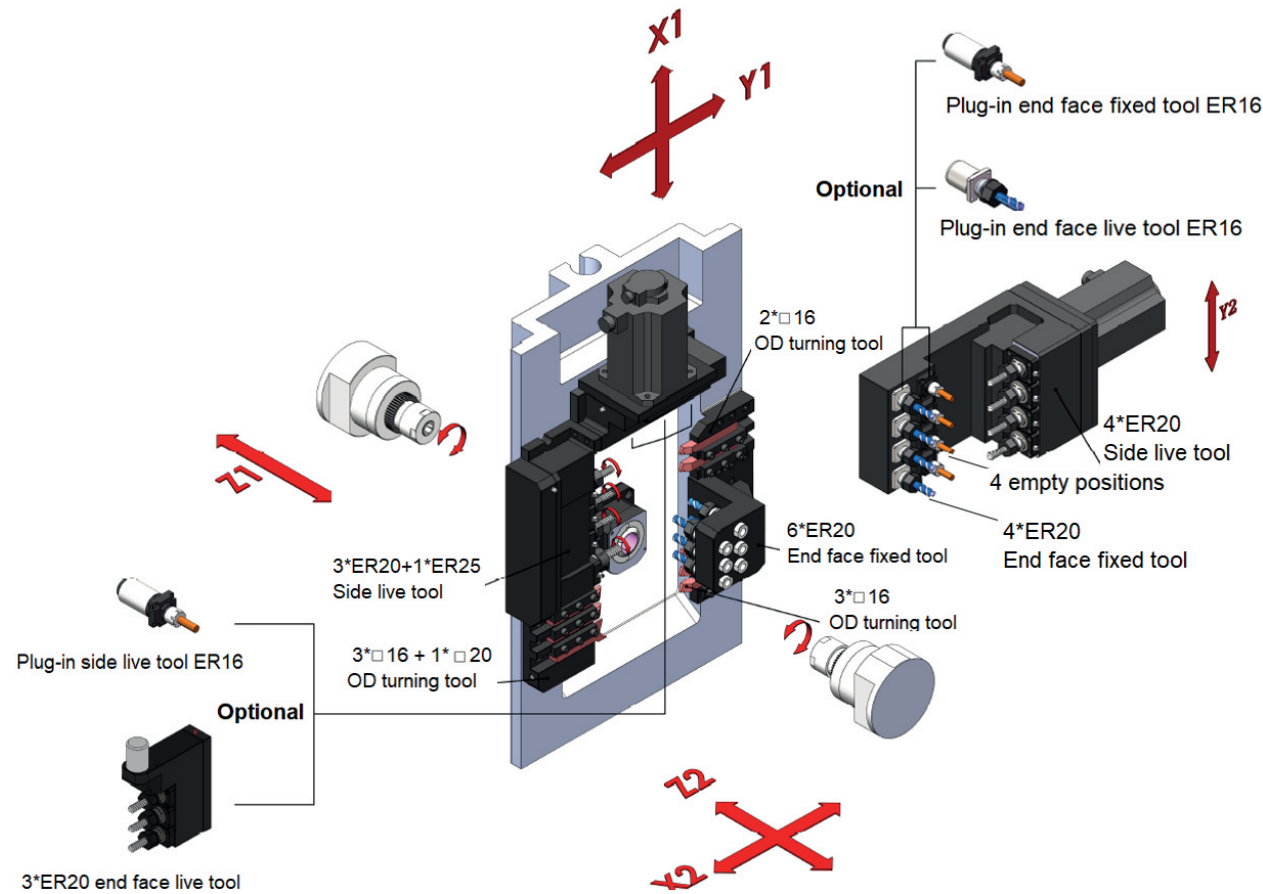
- Syntec System
- With/Non Guide Bushe model
- Short Part Catcher
- MPG

Optional Configuration

- Oil Coolant
- Transformer
- Tool Box
- User Manual
- FANUC System
- Automatic Bar Feeder
- High Pressure Pump
- Oil Mist Connector
- Mitsubishi System
- Chip Conveyor
- Auto B-axis
- Deep hole drill

MODEL		TC325-IV	TC326-IV
NC System		FANUC Oi-TF Plus	
Machining Capacity	Lathe rated power	18KW	20KW
	Maximum machining diameter	φ32mm	φ32mm
	Maximum machining length (one-time chucking)	Non Guide Bush: 2.5D With Guide Bush: : 250mm	Non Guide Bush: 2.5D With Guide Bush: : 250mm
	Total tool QTY	19pcs	24pcs
Main/Sub Spindle Mechanical Capacity	Power	5.5KW	5.5KW
	Maximum through hole dia	φ33mm	φ33mm
	Maximum chuck dia	φ32mm	φ32mm
	Rev speed	8000rpm	8000rpm
Main Spindle Tool	OD turning tool	QTY×Model	1×"16+5×"12
	Side-live Tool	QTY×Model	4×ER16
		Drilling dia	φ10mm
		Tapping/Threading die dia	M6
		Live tool rev speed	5000rpm
		Live tool power	1KW
	End-face fixed tool	QTY×Model	4×ER16
		Drilling dia	φ10mm
		Tapping/Threading die dia	M10
Sub Spindle Tool	End-face fixed tool	QTY×Model	5×ER16
		Drilling dia	φ10mm
		Tapping/Threading die dia	M10
	End-Face live tool	QTY×Model	/
		Drilling dia	/
		Tapping/Threading die dia	/
		Live tool rev speed	/
		Live tool power	/
	Boring tool	Qty×Model	/
	OD turning tool	Qty×Model	/
Rapid feed speed		24(X1/X2/Y1/Z1/Z2) m/min	24(X1/X2/Y1/Z1/Z2/Y2) m/min
Feed motor power		0.75KW	
The power capacity		380vac	
Air pressure device		0.6mpa	
Weight		2.8T	2.9T
Dimensions(L×W×H)		2700×1350×1850mm	

TC386-IV

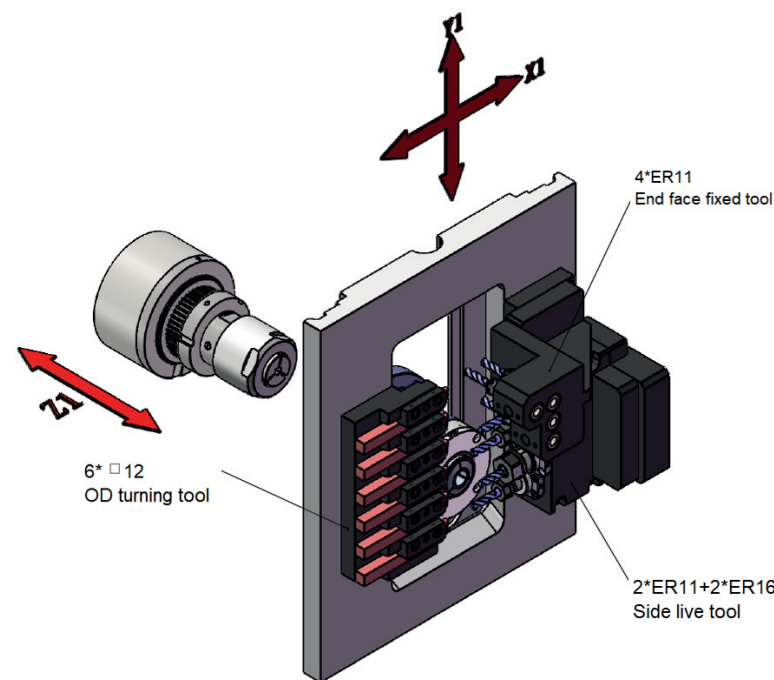


Optional Configuration

- FANUC System
- Automatic Bar Feeder
- High Pressure Pump
- Oil Mist Connector
- Mitsubishi System
- Chip Conveyor
- Long parts catcher
- Live tool

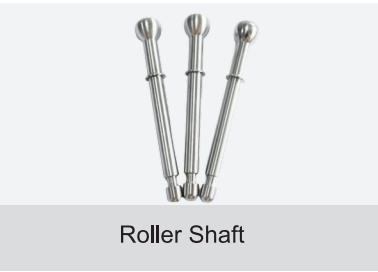
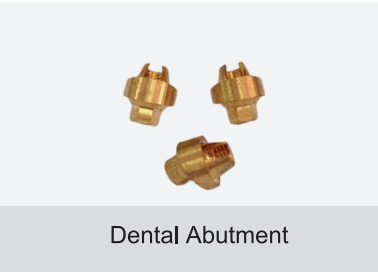
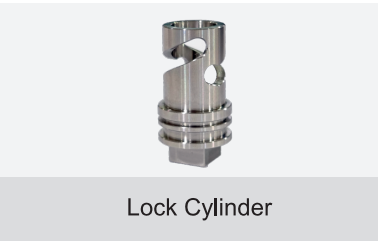
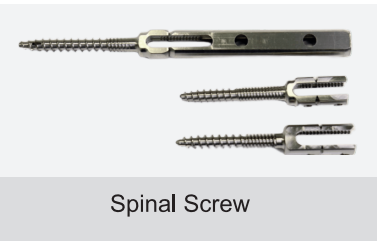
MODEL			TC385-IV	TC386-IV
NC System			FANUC Oi-TF Plus	
Machining Capacity		Lathe rated power	25KW	
		Maximum machining diameter	φ38mm	φ38mm
		Maximum machining length (one-time chucking)	Non Guide Bush: 85mm With Guide Bush: 320mm	Non Guide Bush: 85mm With Guide Bush: 320mm
		Total tool QTY	24pcs	31pcs
Main/Sub Spindle Mechanical Capacity		Power	10KW	10KW
		Maximum through hole dia	φ42mm	φ42mm
		Maximum chuck dia	φ38mm	φ38mm
		Rev speed	6000rpm	6000rpm
Main Spindle Tool	OD turning tool	QTY×Model	8×"16+1×"20	8×"16+1×"20
	Side-live Tool	QTY×Model	3×ER20+1×ER25	3×ER20+1×ER25
		Drilling dia	φ16mm	φ16mm
		Tapping/Threading die dia	M8	M8
		Live tool rev speed	4000rpm	4000rpm
		Live tool power	2.5KW	2.5KW
	End-face fixed tool	QTY×Model	6×ER20	6×ER20
		Drilling dia	φ13mm	φ13mm
		Tapping/Threading die dia	M10	M10
Sub Spindle Tool	End-face fixed tool	QTY×Model	5×ER25	4×ER20
		Drilling dia	φ16mm	φ13mm
		Tapping/Threading die dia	M10	M10
	End-Face live tool	QTY×Model	/	4×ER20
		Drilling dia	/	φ13mm
		Tapping/Threading die dia	/	M8
		Live tool rev speed	/	4000rpm
		Live tool power	/	2.5KW
	Axial drilling and milling tool		/	4×ER16 (End-face)
Rapid feed speed		18(X1) 24 (X2/Y1/Z1/Z2) m/min	18(X1/Y2) 24 (X2/Y1/Z1/Z2) m/min	
Feed motor power		1.2KW		
The power capacity		380vac		
Air pressure device		0.6mpa		
Weight		4.5T		
Dimensions(L×W×H)		3200×1600×2200mm		

TC203M



MODEL		TC203M	
NC System		FANUC Oi-TF PLUS	
Machining Capacity		Lathe rated power	10KW
		Maximum machining diameter	φ20mm
		Maximum machining length (one-time chucking)	Non Guide Bush: 2D With Guide Bush: 230mm
		Total tool QTY	14pcs
Main/Sub Spindle Mechanical Capacity		Power	3.7KW
		Maximum through hole dia	φ23mm
		Maximum chuck dia	φ20mm
		Rev speed	6000rpm
Main Spindle Tool	OD turning tool	QTY×Model	6×"12
	Side-live Tool	QTY×Model	2×ER16+2×ER11
		Drilling dia	φ10mm
		Tapping/Threading die dia	M6
		Live tool rev speed	5500rpm
		Live tool power	0.75KW
	End-face fixed tool	QTY×Model	4×ER11
		Drilling dia	φ7
		Tapping/Threading die dia	M6
Rapid feed speed		24(X/Y/Z)m/min	
Feed motor power		1.2KW	
The power capacity		10 vac	
Air pressure device		0.6mpa	
Weight		1.6T	
Dimensions(L×W×H)		1950×1070×1650mm	

Case Studies



Optional Accessories



Automatic Bar Feeder

The bar feeder automatically loads bars into the main spindle of the sliding head lathe, eliminating manual loading time and enabling 24/7 continuous operation. It increases production efficiency by 50% and avoids material vibration or misalignment caused by manual handling.

Automatic Chip Conveyor

The chip conveyor collects, transports, and handles machining waste during operation, keeping the work area clean and preventing chip accumulation.



Oil Mist Collector

During machining, a large amount of oil mist is generated. The oil mist collector captures and purifies it, reducing mist concentration in the workshop and keeping the air clean.

High Pressure Oil Pump

Friction between the tool and workpiece generates significant heat, which can affect tool life and machining accuracy. The high-pressure oil pump delivers coolant to remove heat efficiently, lower the cutting temperature, and assist in chip breaking through adjustable pressure.



Vibratory Plate Feeder

The Vibratory plate feeder is used for feeding short parts. Through vibration, it can continuously and orderly supply and convey the parts into the equipment.

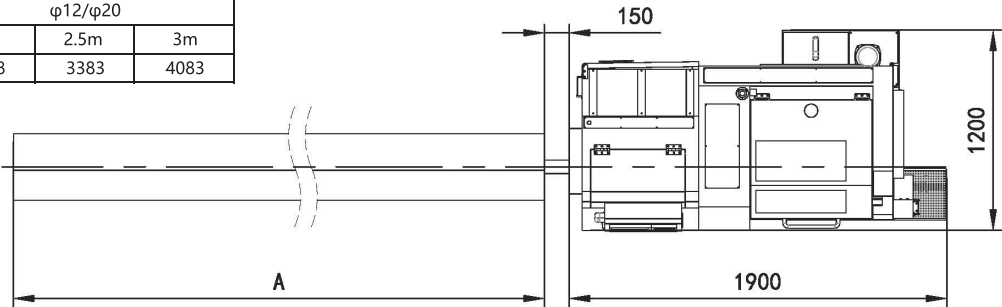
Long Workpiece Collector

Suitable for parts longer than 80mm. After machining, long parts are automatically ejected via sub spindle.

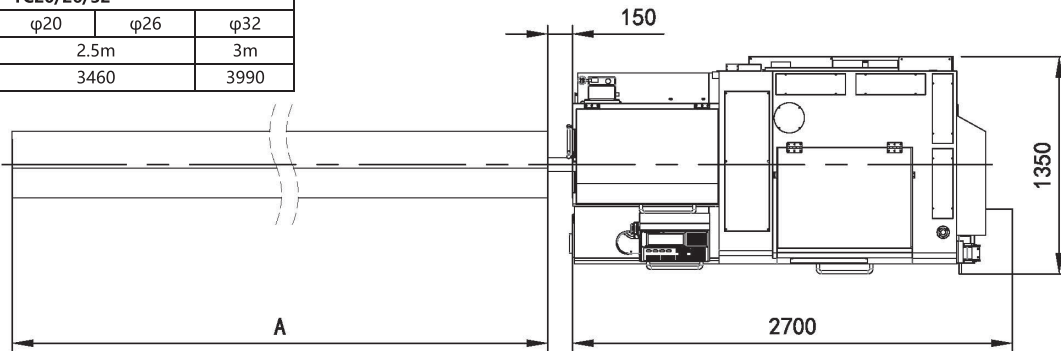


Floor Layout

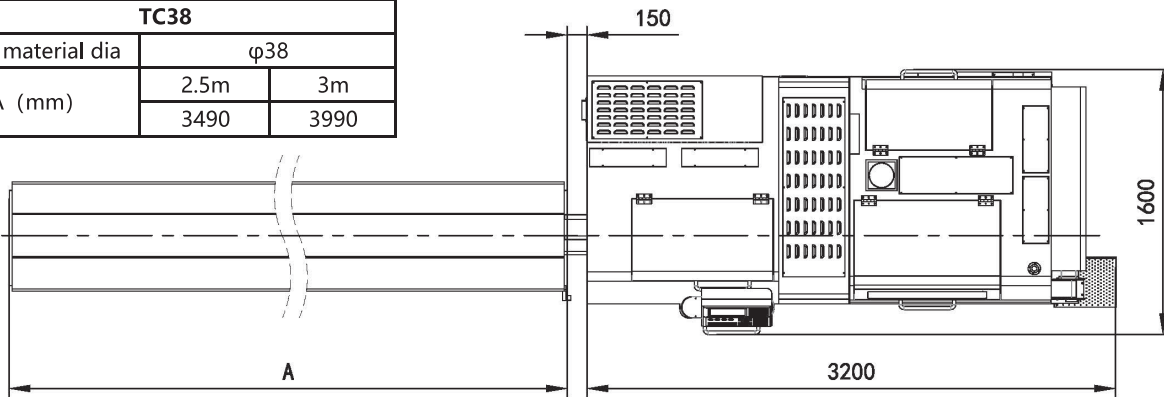
TC12/20L			
Max material dia	φ12/φ20		
A (mm)	2m	2.5m	3m
	2828	3383	4083



TC20/26/32			
Max material dia	φ20	φ26	φ32
A (mm)	2.5m	3m	
	3460	3990	



TC38		
Max material dia	φ38	
A (mm)	2.5m	3m
	3490	3990



TC203M		
Max material dia	φ20	
A (mm)	2.5m	3m
	3490	3990

