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**Customized CNC
Machine tool
Create Manufacturing
Higher Value**

JIANYE UNITY

ABOUT US

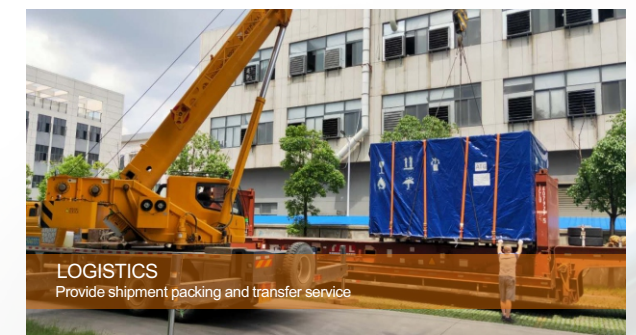
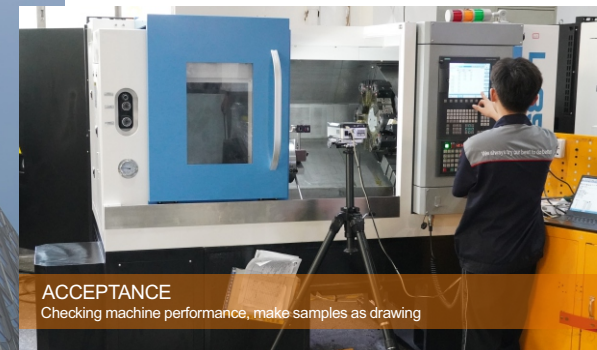


JIANYE establish in 2002,it is professional to provide cnc machine tool and service for oversea customer,specializes in manufacturing and selling various types: CNC Lathe Machine , CNC Grinding Machine, CNC Special Machine, Multi-Spindle Vertical Machine Center, Swiss Type Automatic Lathe, Automatic Product Line Solution, Turn-Mill Center.

Our group share holding for 3 plants ,Minjia , Shute,Kemai for exporting and oversea after service, follow drawing to support customized machining solution, we always exported machine to Germany, Italy, Lithuania, Turkey, Brazil, Russia, and have one project-compressor spare part machining line in Bangladesh.

Let us to cooperation and go to Industry 4.0 for customer.

PLANT ENVIRONMENT >>>

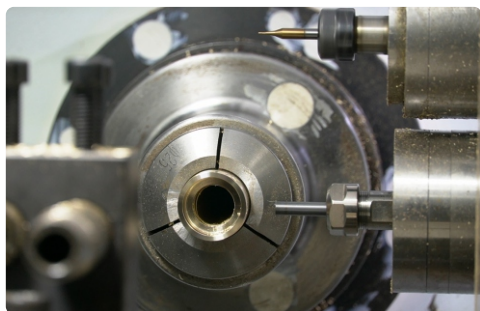
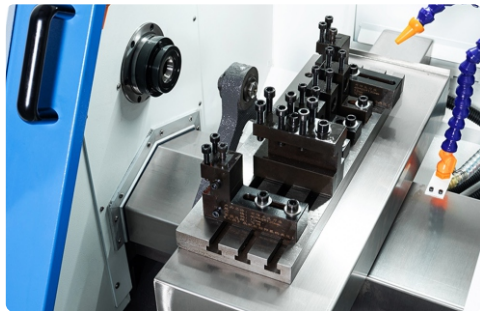


KM-25A

CNC Lathe

— mass production for small parts

- It can be Dia. 2-25mm part machining small parts, precision 0.01mm.
- Optional power head for milling and drilling on Y axis, bar feeder continuous process.
- Flat bed with gang type tool post, air pressure collet, servo spindle positioning process.



Technical Specification :

Modle	KM-25A
Machining diameter	2-25mm
Max. machining length	150mm
Spindle speed	50-5000r/min
X/Z axis travel	500/180mm
X/Z axis feed rate	18/22 M/min
Tool post	8pcs
Air pressure	0.4-0.6Mpa
Main motor	2.2-3.0kw
Machine size L×W×H	1300×1000×1500mm
Machine weight	1200 kg

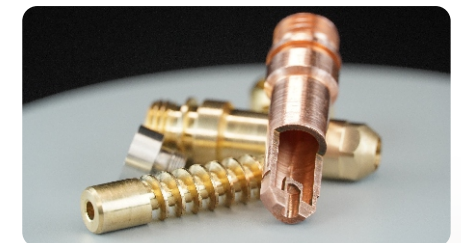
Standard configuration

- SYNTEC 6TA Control system
- Yaskawa X/Z axis servo motor
- ALPHA spindle servo motor
- Air pressure collet
- 8 pcs tool post
- Cooling pump
- Automatic lubrication
- Chip car

Optional configuration

- SYNTEC 22TB control system
- Fly cutter head
- Power head (30000rpm,800W)
- Bar feeder
- Hydraulic chuck

SAMPLE MACHINING



KM-T20

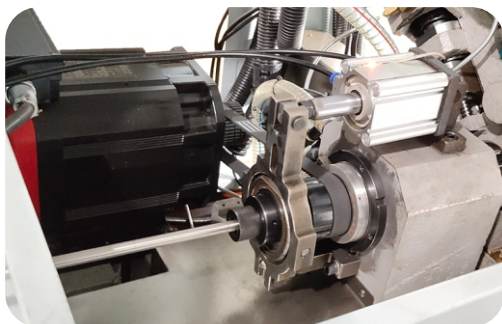
Cam Type Automatic Lathe

— Tool saddle move on z axis

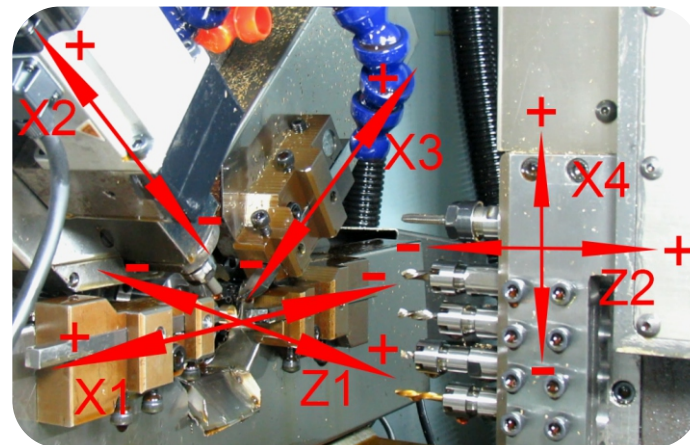
- Machining dia.1-20mm,length 120mm workpiece.
- The machine use two-channel system for controlling multi-spindle.
- The inner and outer diameters of workpiece can be processed simultaneously.



The inner and outer diameters of workpiece can be processed simultaneously.



The spindle box is fixed and tool saddle can move 120mm on Z axis



SYS1: 4pcs turning tool with milling
SYS2: 6pcs gang tool (one tapping)

Standard Configuration Optional Configuration

- LNC5850 control system(two-channel)
- Pneumatic unit
- Automatic centerized lubrication unit
- Spindle coolant
- Workpiece receiver
- 4-station turning tool (one choice milling head)
- 6-station cross drilling unit (including one power head tapping)
- chip car

Automatic bar feeder
SYNTEC 22TB control system



Technical Specification :

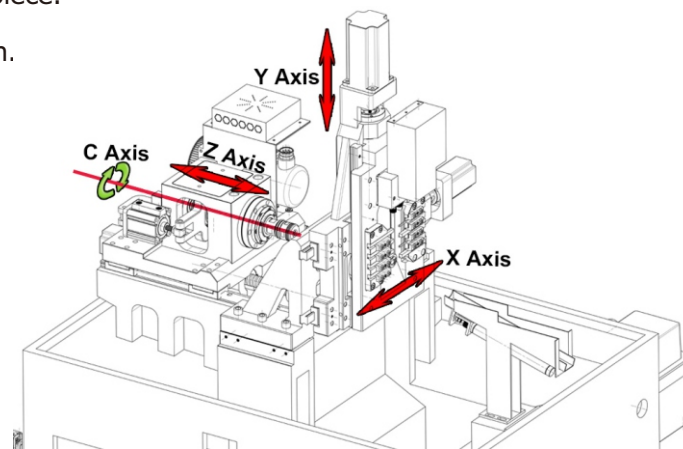
Modle	KM-T20	
Capacity	Control system	LNC5850(Two-channel)
	Max. machining dia.	20mm
	Max. machining length	70mm(Guide bush)
		120mm(Non-guide bush)
	Spindle power	50-8000r/min
Travel	Spindle speed	2kw
	System 1	X1 axis travel
		X2, X3 travel
		Z1 axis travel
		X1\X2\X3 axis feedrate
		Z1 axis feedrate
	System 2	X4 axis travel
		Z2 travel
		X4 axis feed rate
		Z2 axis feed rate
		Tapping speed
Tapping axis	Tapping motor	750W
	System 1 independent type	4 pcs
Tool	System 1 tool size	8×8mm
	System 2 gang tool	6 pcs
	System 2 gang tool	Φ16
	Tapping collet type	ER11
Power	Power voltage	380V/50Hz/3PH
Other	Machine size L*W*H	1500×900×1630mm
	Machine weight	1300 kg

KM-1107

Swiss Type Automatic Lathe

—sliding headstock -3 axis (X/Z/Y)

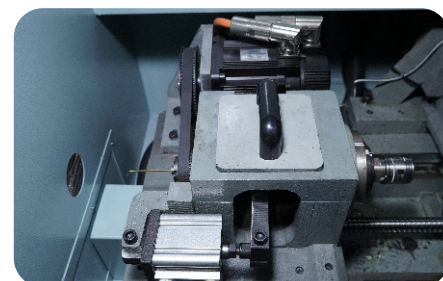
- ⚙ Machining dia.1-7mm,length 200mm small workpiece.
- ⚙ The machine can make small parts with guide bush.
- ⚙ 2pcs live tool on Y axis to drilling /tapping/milling.



Controllable linear axis X/Z/Y



2pcs live tool on Y axis
8pcs turning tool
3 pcs front drilling tool



Sliding headstock move on Z axis

Standard Configuration

1. LNC T508 control system
2. Spindle servo motor
3. Air pressure collet
4. Cooling pump
5. Automatic lubrication
6. Chip car
7. Two live tool on Y axis
8. Workpiece receiver



Technical Specification :

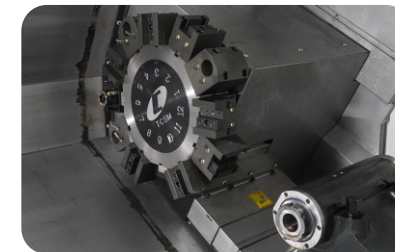
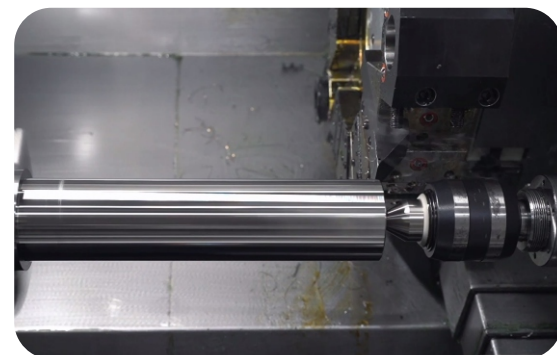
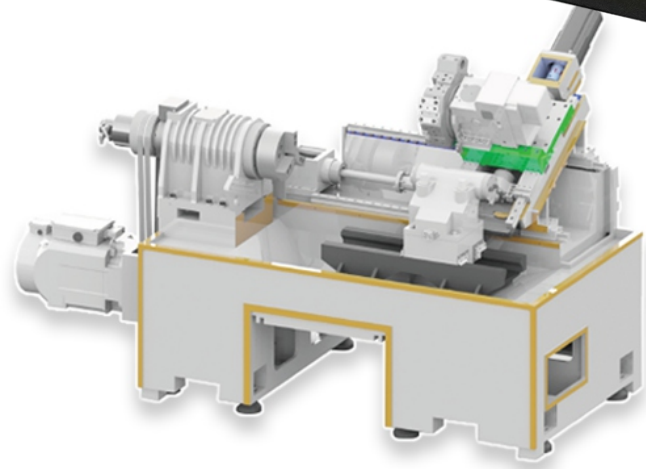
Modle		KM-1107
Control system		LNC T508
Max. machining diameter		Φ7mm
Spindle	Max. turning length(one process)	200mm
	Spindle speed	50-6000r/min
	Motor power	2KW
Feed	X axis travel	50mm
	Y axis travel	100mm
	Z axis travel	200mm
	X axis rapid feed speed	18000mm/min
	Y axis rapid feed speed	18000mm/min
Tool	Z axis rapid feed speed	18000mm/min
	Rows tool	13pcs
	Turning tool	8pcs
	Tool size	8×8mm
	Front drilling tool	3pcs
	Number of live tool	2pcs
	Live tool motor	0.75KW
	Live tool speed	3000r/min
	Live tool chuck size	ER11
	Live tool drilling size	Φ6mm
Power	Live tool tapping size	M6
	Rated voltage	3 phase AC380V
Machine dimension	Rated frequency	50Hz
	L*W*H	1100×900×1700
	Weight	800kg

L-35H

CNC Horizontal Lathe

— High precision spindle within runout 0.003mm

- 30°high rigidity slant bed, satisfy high-load work.
- Magnetic encoder improve speed and positioning deviation in spindle.
- Rapid feed (X/Z): 30/30 m/min.
- Live tool and Y axis turret as option.



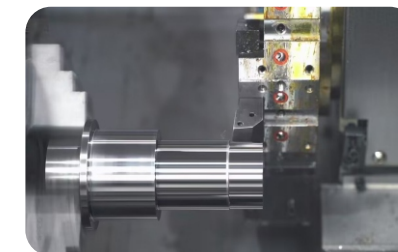
12-station servo



Large torque with belt type spindle



Power turret and tool setting gauge



Heavy cutting feed 5mm

Standard Configuration

- FANUC 0I-TF control system
- FANUC spindle servo motor
- Hollow hydraulic 3-jaw chuck
- 12-station servo turret
- Cooling system
- Cabinet heat exchanger
- Automatic lubrication system
- Chip conveyor
- Hydraulic tailstock

Optional Configuration

- Motor spindle
- Automatic bar feeder
- Automatic tool setting gauge
- 12-station power turret

Technical Specification :

		L-25H	L-35H	L-35M	L-45H
Capacity	Max.diameter swing over bed(mm)	Φ500	Φ520	Φ520	Φ600
	Max.machining diameter(mm)	Φ200/Φ250	Φ300/Φ350	Φ300/Φ350	Φ380/Φ450
	Max.machining length(mm)	500	500	400	500
	Max.bar diameter (mm)	Φ45	Φ52	Φ52	Φ75
Travel	X/Z axis travel (mm)	140 / 530	190 / 530	190 / 430	240 / 530
	Output power (kw)	7.5/11kw	7.5/11kw	13.7kw(motor spindle)	11/15kw
Spindle	Spindle nose	A2-5	A2-6	A2-6	A2-8
	Max. spindle speed(rpm)	6000	4000	4500	2800
	Turret type	Servo Turret	Servo Turret	Power Turret	Servo Turret
Turret	Number of tools	12	12	12	12
	Feed speed (mm/min)	1-8000	1-8000	1-8000	1-8000
Tailstock	Tailstock taper	MT 4#	MT 4#	MT 4#	MT 4#
	Tailstock sleeve travel(mm)	100	100	100	100
Positioning accuracy	X/Z axis(mm) (Total travel)	0.006 / 0.008	0.006 / 0.008	0.006 / 0.008	0.008/ 0.01
Repeatable positioning accuracy	X/Z axis(mm) (Total travel)	0.004	0.004	0.004	0.004
Other	Machine weight(kg)	3500kg	3600kg	3800kg	3800kg
	Floor space L*W*H(mm)	2498×2385×1675	2498×2385×1675	2598×2385×1750	2598×2385×1750

ST-205

Swiss Type Automatic Lathe

— Sliding Headstock — counter(sub) spindle

- ⚙ Machining max. Dia.20/26/32mm,length 240mm workpiece.
- ⚙ Main and sub- spindle with two-channel control 5-axis.
- ⚙ Temperature compensation program improve workpiece precision when cold start.
- ⚙ Moter built in main spindle, Carrier type rotary guide bushing.
- ⚙ Cut-off tool breakage detector.



ST-265 Standard tool holder with 20 pcs
Main and sub-spindle with two-channel control.

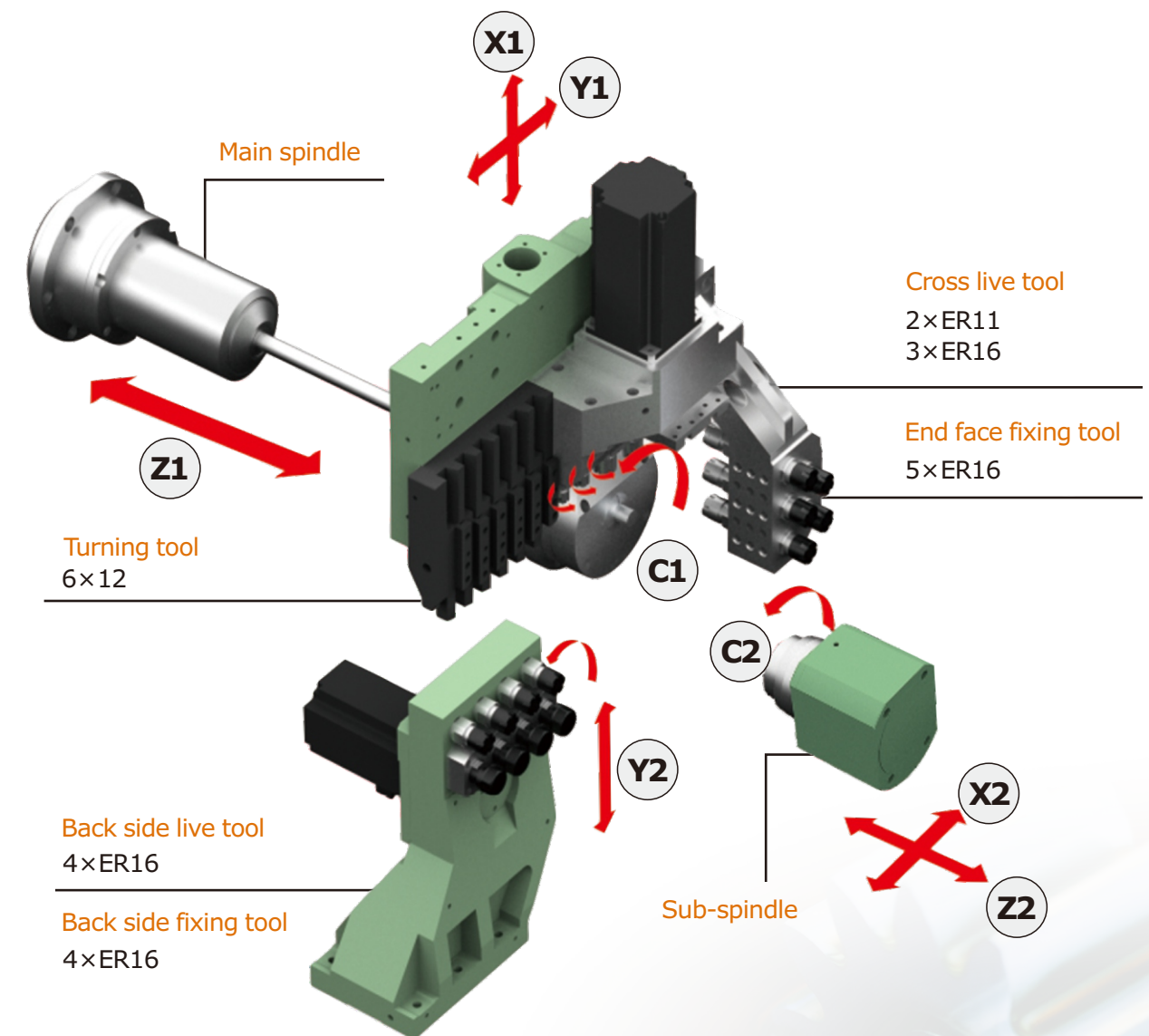


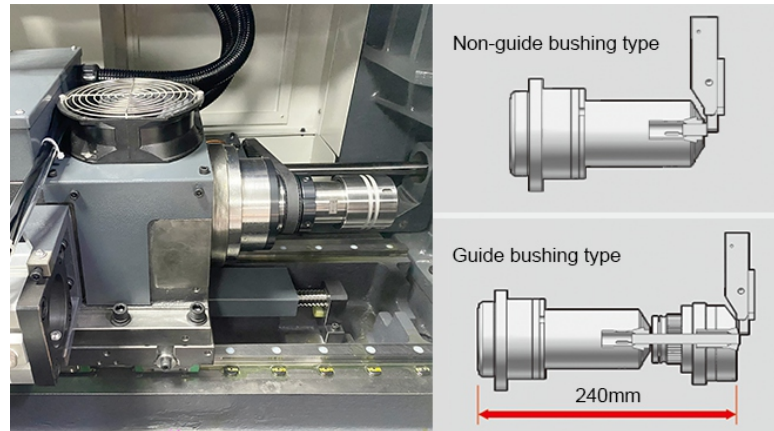
Sub-spindle butt joint workpiece with main spindle.



Modular tooling :

Model different tool post	I	II	ST-206
Back side fixing tool	4	/	4(Y2)
Back side live tool	/	4	4(Y2)





Non-guide bushing type is for short workpiece (Max 45mm length)

Carrier type rotary, Guide bushing can be more accurate when processing long-size workpieces;

SAMPLE MACHINING



Standard configuration:

1. Mitsubishi M80 control system
2. Main spindle chucking unit
3. Sub-spindle chucking unit
4. Rotary guide bushing unit
5. Gang live tool driving unit
6. Coolant unit
7. Lubricating oil supply unit
8. Cut-off tool breakage detector
9. Workpiece receiver
10. Electrical cabinet heat exchange
11. Work lamp
12. Chip box

Optional configuration

1. Bar feeder
2. Mist collector
3. Chip conveyor
4. High pressure oil pump
5. Syntel 220TB control system



Technical Specification :

Modle	Two-channel	ST-205	ST-265	ST-325
Capacity	Max. machining dia.	Φ20mm	Φ26mm	Φ32mm
	Max. machining length	240mm		
	Max. drilling dia.of front side	Φ10mm		Φ13mm
	Max. tapping of front side	M8		
	Spindle through-hole dia.	Φ23mm	Φ28mm	Φ38mm
Power	Control system	Mitsubishi M80		
	Machine power	11kw		15kw
	Main spindle power	2.2/3.7kw		
	Sub-spindle power	1.5/2.2kw		
	C axis indexing	0.001°		
	Main/sub-spindle speed	8000rpm		
	Feedrate	32(Y1/Z1/×2);24(Z2);20(×1)m/min		
Tool post	Feed motor power	1kw		
	Total number of tool	20pcs		19pcs
Front side tool post	Gang turning tool	6×□12	5×□12+1×□16	6×□16
	Cross live tool	2×ER11+3×ER16		3×ER16+1×ER20
	Max. drilling dia.	Φ10		Φ13
	Max. tapping	M8		
	Cross live tool speed	5000rpm		
	Cross live tool power	1kw		
	End face fixing tool qty.	5×ER16		4×ER16
Back side tool post	End face fixing tool dia.	Φ10mm		Φ13mm
	End face fixing tool tapping	M8		
	Back fixing tool qty.(I model)	4×ER16		
	Back fixing tool drilling dia.(I model)	Φ10mm		Φ13mm
	Back fixing tool tapping (I model)	M8		
	Back live tool qty. (II model)	4×ER16		
	Back live tool drilling dia. (II model)	Φ10mm		Φ13mm
Other	Back live tool tapping (II model)	M8		
	Back live tool speed (II model)	5000rpm		
	Back live tool power (II model)	1kw		
	Machine size L×W×H	2760×1480×1780mm		2890×1500×1780mm
	Machine net weight	2600kg	2800kg	3000kg