

SPECIFICATION

Item	unit	YK-25E/32E	YK-258/328	YK-258DDY/328DDY
Max. swing over bed	mm	500	500	500
Max. turning diameter	mm	φ 100	φ 100	φ 100
Max. bar capacity	mm	φ 25/ φ 32	φ 25/ φ 32	φ 25/ φ 32
Max. turning length	mm	100	100	100
Max. stroke X/Z	mm	260/200	200/200	230/200
X/Z axis traverse	M/min	15	15	15
Positional accuracy	mm	0.005	0.005	0.005
Decibel level	Db	80	80	85
Type of drive		Belt	Belt	Belt
Spindle motor	kw	3.7	3.7	3.7
Spindle speed range	rpm	50-6000	50-6000	50-6000
3-jaw chuck		4"	4"	4"
Dia. of ball screw	mm	φ 25	φ 25	φ 25
Feed motor	kw	0.75	0.75	0.75
No. of gang type tool	pc	5	×	×
No. of turret tool	T	×	8	8
Turret indexing time	sec	×	0.3	0.3
3-position ER-16 face tool	kw	×	×	0.75
4-position ER-16 side tool	kw	×	×	0.75
Y-axis motor	kw	×	×	0.75
Slide way type		×	×	linear
OD tool size	mm	□16	□16	□16
Boring tool size	mm	φ 20	φ 20	φ 20
Detection points of lubrication		2	2	2
Coolant motor	hp	1/4	1/4	1/4
Coolant tank capacity	L	80 (85%)	80 (85%)	80 (85%)
Hydraulic motor	hp	1	1	1
Hydraulic tank capacity	L	20 (85%)	20 (85%)	20 (85%)
Power requirement	KVA	10KVA	10KVA	10KVA
voltage (transformer) \ frequency		3/220V/60Hz	3/220V/60Hz	3/220V/60Hz
Voltage stability	kw	± 10%	± 10%	± 10%
Machine dimensions	mm	1850*1500*1700	1850*1500*1700	1850*1500*1700
Weight	kg	1650	1700	1750

※Inside pages provide optional accessories tables for reference



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YKsystem YK-25E/32E
YK-258/328
YK-258DDY/328DDY

Turret type CNC lathe with high speed and precision



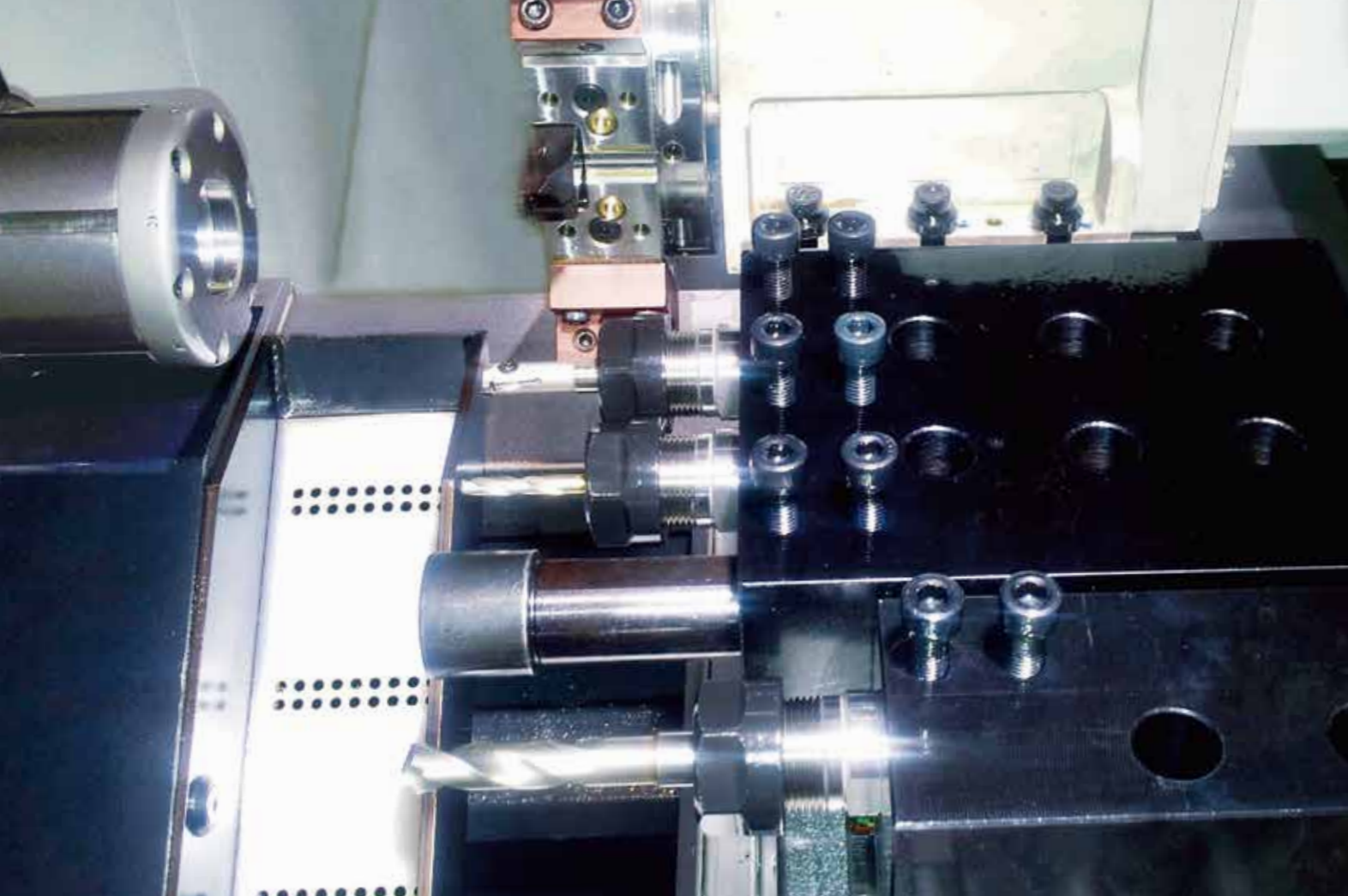
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NEW VERSION COMPACT CNC LATHE

With plentiful tooling system, machine owns super powerful turning and milling capacities.



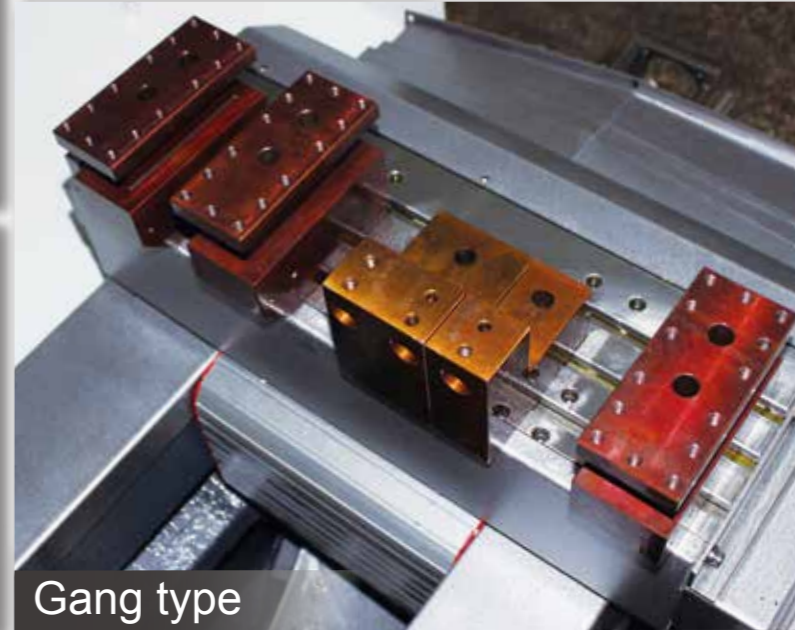
Collet chuck



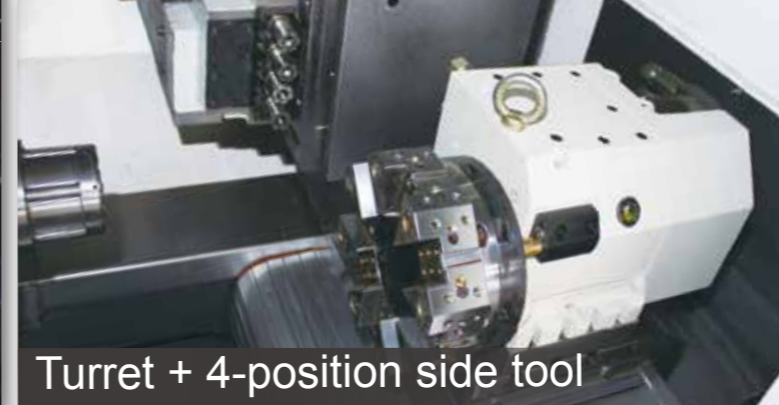
Turret + 4-position face tool



Automatic loading system



Gang type



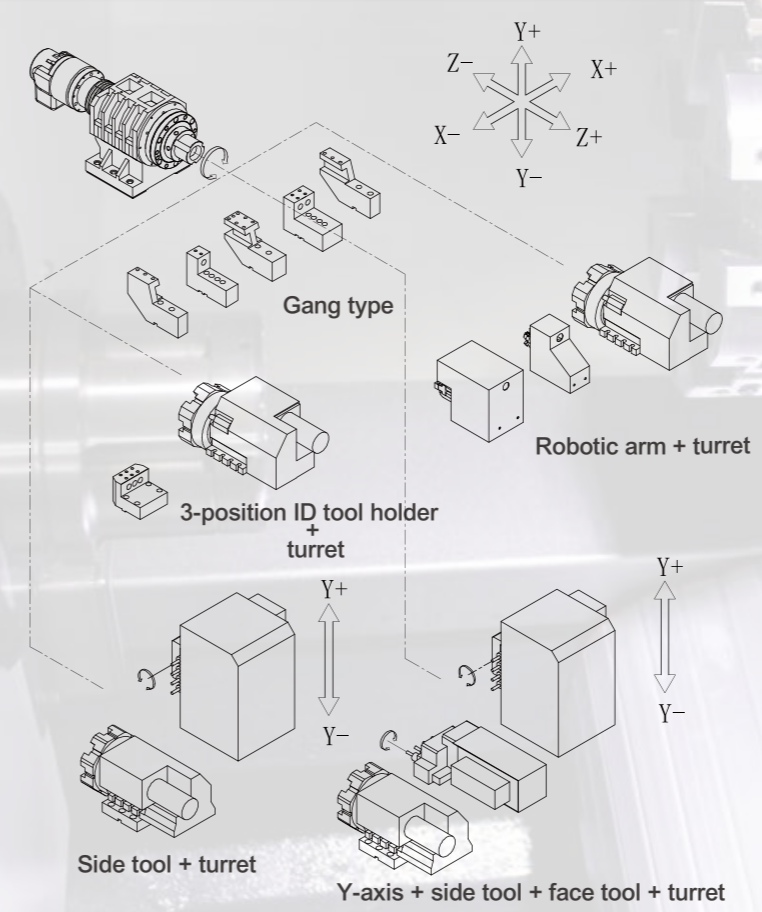
Turret + 4-position side tool

Optional accessories

Item	YK-25E/32E	YK-258/328	YK-258DDY/328DDY
Parts conveyor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Parts catcher	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Automatic robotic arm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4" 3-jaw chuck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Chuck air blow	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Chip conveyor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hydraulic bar feeder	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Voltage stabilizer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Transformer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Standard accessories

Item	YK-25E/32E	YK-258/328	YK-258DDY/328DDY
Lighting device	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Coolant device	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lubrication system	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tools & tool box	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Foot switch	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Operational manual	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NC operation manual	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NC maintenance manual	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Collet chuck holder	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bar feeder interface	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ID tool holder (turret)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wedge block	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
ID tool holder sleeve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C axis 1/1000 degree	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Disk brake of main spindle	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Heat exchanger	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



Tool system configuration diagram

YK series is designed specially for small and high precision parts with powerful processing capacity, stable quality and accuracy. YK-258DDY / 328DDY owns versatile machining capabilities by wide range of optional tool systems so that it can achieve automatic and multi-axis working processes. It is the best choice for various manufacturers of automotive and motorcycle parts, electronic parts, instrument parts and medical equipment parts. Moreover, machine can be configured automated loading and unloading system; therefore, the labor costs and processing time can be reduced.