

Dishaa[®]

CNC LATHE MACHINE

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DCK6152E / DCK6165E / DCK6185E

CNC Lathe Machine



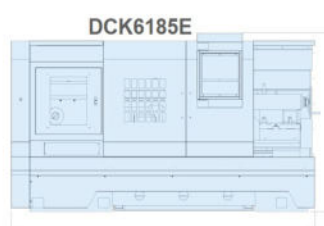
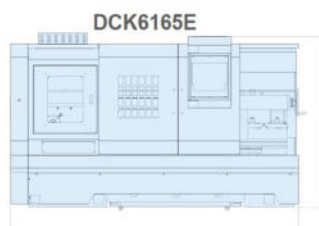
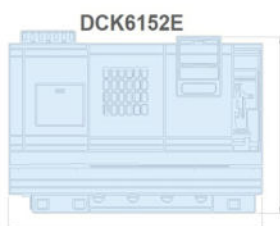
Usage

Controlled by NC system, this machine could process different inner bore, ex-circle, circular conical surface and screw thread, especially suitable for the small and middle-sized shaft and plate work piece from rough processing to finish processing in batch. It has advantages like higher automaticity, simpler programming and higher accuracy.



Features

1. Higher stability one-piece machine bed
2. 3-gear spindle speed, step-less in gear
3. Higher rigidity base
4. Wider slide carriage
5. Integrated automatic lubrication system



Specifications	Unit	DCK6152E	DCK6165E	DCK6185E
Max. swing dia. over bed	mm	530	650	850
Max. swing dia. over slide	mm	280	375	500
Maximum turning diameter (disc)	mm	520	650	850
Max.work piece lenth	mm	1000/1500/2000/3000	1000/1500/2000/3000	1000/1500/2000/3000/4000
Maximum turning length	mm	825/1325/1825/2825	900/1400/1900/2900	900/1400/1900/2900/3900
Spindle nose		A2-8	C11	C11
spindle bore	Φ/mm	90	105	105
Spindle taper	Φ/mm	100/1 : 20	120/1 : 20	120/1 : 20
Spindle speed	r/min	30-150,90-450,315-1600	10-85,40-350,100-850	10-85,40-350,100-850
Spindle shift mode		Three speed mechanical transmission, stepless speed regulation within the gear		
Spindle motor power	KW	7.5	11	11
Chuck type		Manual Chuck	Manual Chuck	Manual Chuck
Chuck size	mm	250	320	400
X axis rapid traverse	m/min	6	4	4
Z axis rapid traverse	m/min	8	5	5
X axis servo motor torque	N.m	7.5	10	10
Z axis servo motor torque	N.m	10/15/22	15/22/30	15/22/30
X axis travel	mm	300	400	450
Z axis travel	mm	1000/1500/2000/3000	1100/1600/2100/3100	1100/1600/2100/3100/4100
Guide way type		Hard rail	Hard rail	Hard rail
Capacity of tool post		4	4	4
Tool shank size	mmxmm	25×25	32×32	32×32
Tail stock quill dia	Φ/mm	75	100	100
Tail stock quill travel	mm	150	250	250
Tail stock quill taper		MT5#	MT6#	MT6#
Total rated power	KW	12/12/13	16/18/20	16/18/20
Total rated current	A	26/26/28	36/40/42	36/38/42
Net weight	kg	2900/3150/3500/4300	4000/4400/5000/5800	4200/4600/5200/6000/6700
Machine dimension(L×W×H)	L×W×H(mm)	2600/3100/3600/4800×1600×1670	3300/3800/4300/5300×1900×1900	3300/3800/4300/4800/5800×2000×2000

DCK6140 / DCK6150 / DVCK6160

CNC Lathe Machine

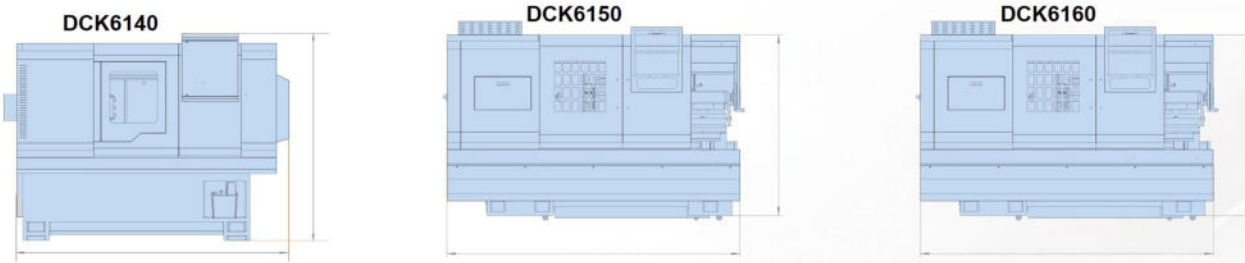


Usage

Machine tool can automatically process the inside and outside cylinder surface, cone surface, circular arc surface, end face, such as processing, and also can process the single and multiple threads in metric, inch and other standards.

Features

1. The higher strength base and the widening slide are suitable for heavy cutting
2. Four position electric turret
3. Variable frequency speed
4. Standard configuration: manual chuck
5. Optional configuration: hydraulic chuck



Specifications	Unit	DCK6140	DCK6150	DCK6160
Max. swing dia. over bed	mm	400	500	600
Max. swing dia. over slide	mm	240	250	395
Maximum turning diameter (disc)	mm	400	500	600
Max. work piece length	mm	550/750	1000/1500/2000	1000/1500/2000
Maximum turning length	mm	420/620	850/1350/1850	850/1350/1850
Spindle nose		A2-6/A2-8	A2-8/A2-11	A2-8/A2-11
spindle bore	φ/mm	48/82	82/130	82/130
Spindle taper	φ/mm	Chuck / 90	90/140	90/140
Spindle speed	r/min	150-2500/150-1800	150-1800/150-800	150-1800/150-800
Spindle type		Stepless speed regulation		
Spindle motor power	KW	5.5/7.5	7.5/11	7.5/11
Chuck type		Manual Chuck	Manual Chuck	Manual Chuck
Chuck size	mm	200/250	250/320/380	250/320/380
X axis rapid traverse	m/min	6	6	6
Z axis rapid traverse	m/min	8	8	8
X axis servo motor torque	N.m	4	5/7.5	5/7.5
Z axis servo motor torque	N.m	6	7.5/10/15	7.5/10/15
X axis travel	mm	280	280	325
Z axis travel	mm	550/750	1000/1500/2000	1000/1500/2000
Guide way type		Hard rail	Hard rail	Hard Rail
Capacity of tool post		4	4	4
Tool shank size	mmxmm	20×20	25×25	25×25
Tail stock quill dia	φ/mm	60	75	75
Tail stock quill travel	mm	100	150	150
Tail stock quill taper		MT4#	MT5#	MT5#
Total rated power	KW	8/10	11/12/13	11/12/13
Total rated current	A	17/21	23/26/29	23/26/29
Net weight	kg	1900/2200	2700/3100/3500	2800/3200/3400
Machine dimension(LxWxH)	LxWxH(mm)	2000/2200×1600×1800	2650/3250/3750×1700×1820	2650/3250/3750×1700×1820

DCK61100E / DCK61125E

CNC Lathe Machine

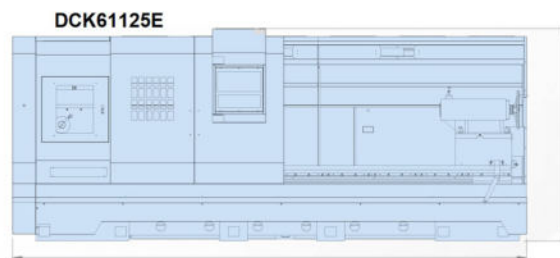
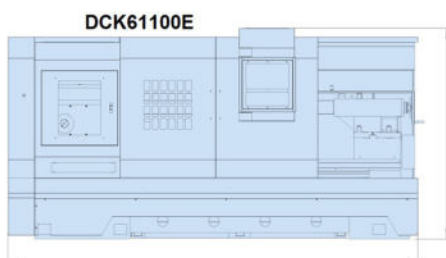
Usage

This machine tool is suitable to process the middle and large size work piece in steel, cast iron, non-ferrous metal material. With the feature of big power and high rigidity, this machine is applied to heavy-cut the inner circle, ex-circle, end surface and thread in both metric and English system, and could drill and bore the holes



Features

1. Higher stability one-piece machine bed
2. 3-gear sprindle speed, step-less in gear
3. Higher rigidity base
4. Wider slide carriage
5. Integrated automatic lubrication system



Specifications	Unit	DCK61100E	DCK61125E
Max. swing dia. over bed	mm	1000	1250
Max. swing dia. over slide	mm	650	850
Maximum turning diameter (disc)	mm	1000	1250
Max. work piece length	mm	1500/2000/3000/5000	1500/2000/3000/5000
Maximum turning length	mm	1400/1900/2900	1350/1850/2850
Spindle nose		A2-15	A2-15
spindle bore	φ/mm	130	130
Spindle taper	φ/mm	Metric 140/ 1:20	Metric 140/ 1:20
Spindle speed	r/min	10-60,40-240,100-600	10-50,40-120,100-300
Spindle shift mode		Three speed mechanical transmission, stepless speed regulation within the gear	
Spindle motor power	KW	15	22
Chuck type		Manual Chuck	Manual Chuck
Chuck size	mm	500	600
X axis rapid traverse	m/min	4	4
Z axis rapid traverse	m/min	5	5
X axis servo motor torque	N.m	10	15
Z axis servo motor torque	N.m	15/22/30	18/22/30
X axis travel	mm	530	650
Z axis travel	mm	1500/2000/3000	1350/1850/2850
Guide way type		Hard rail	Hard rail
Capacity of tool post		4	4
Tool shank size	mmxmm	40X40	40X40
Tail stock quill dia	φ/mm	140	160
Tail stock quill travel	mm	250	250
Tail stock quill taper		MT6#	MT6#
Total rated power	KW	22/23/25	29/30/30
Total rated current	A	47/50/54	62/65/65
Net weight	kg	5000/5500/6300	8500/9000/10600
Machine dimension(LxWxH)	LxWxH(mm)	4100/4600/5600×2160×2200	4100/4600/5600×2355×2425

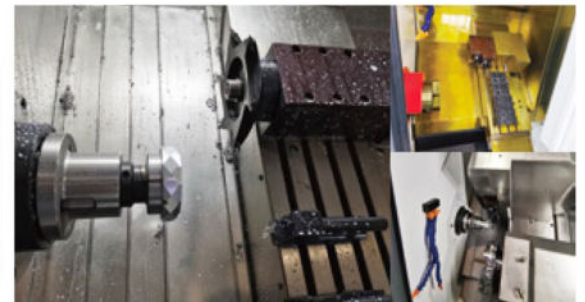
DH32i / DCK6340 / DCK6340S / DCK6350

CNC Lathe Machine



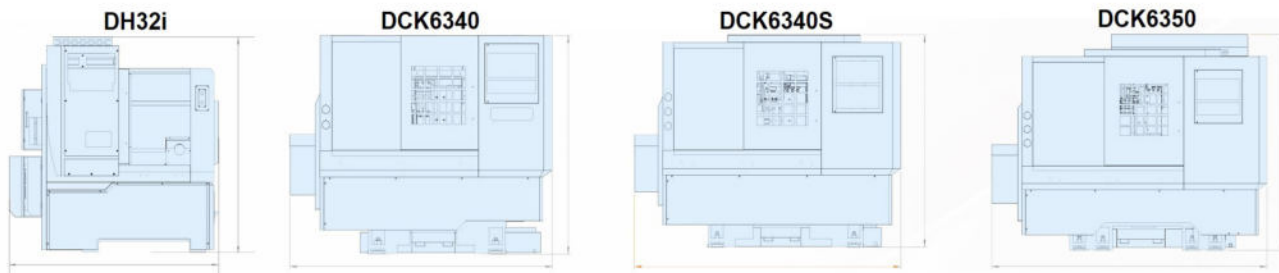
Usage

This machine is mainly used for processing various shaft, disk parts, turning can be all kinds of screw thread, arc, cone and plane of internal and external surface, can satisfy the ferrous and nonferrous metals the speed requirement of high-speed chip. Suitable for cars, motorcycles, electronics, aerospace, military industry and other industries to high efficiency, large quantity and high precision of parts processing. Machining precision can reach level IT6.



Features

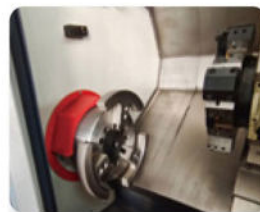
1. Flat bed/45 degrees slant bed CNC lathe
2. High-precision Taiwan guide rail
3. Chip conveying capacity is large and convenient, customer could choose chip conveying in the right or in the back
4. Spindle unit has two types, the heavy cutting type and the high speed type. The second type is suitable for the high speed and high precision processing.
5. Screw pre-stretching structure
6. Gang type toolas standard
7. Optional turret



Specifications	Unit	DH32i	DCK6340	DCK6340S	DCK6350
Max. swing dia. over bed	mm	320	400	400	520
Max. swing dia. over slide	mm	70	140	140	220
Max. processing length	mm	280			
Max. bar capacity	mm	39	39/44	39/44	44/54
Max. processing diameter (plate)	mm	320	400	400	500
Spindle nose	GB59001	A2-5	A2-5	A2-5	A2-6
spindle bore	φ/mm	48	48/56	48/56	66
Spindle speed	r/min	50-4000	50-3500	50-3500	50-3000
Spindle shift mode					
Spindle motor power	KW	3.7	5.5	5.5	7.5
Chuck type					
Chuck size	Inch	6	6/8	6/8	10
X axis rapid traverse	m/min	24	24	24	24
Z axis rapid traverse	m/min	24	24	24	24
X axis servo motor torque	N.m	4	6	6	7.5
Z axis servo motor torque	N.m	4	6	6	7.5
X axis travel	mm	280	400	400	500
Z axis travel	mm	330	300	400	500
Guide way type					
Tool post type					
Tool shank size	mm	20x20/Ø25	20x20/Ø25	20x20/Ø25	25x25/Ø32
Total rated power	KW	6	10	12	13
Total rated current	A	13	21	26	28
Net weight	kg	1400	2300	2600	3000
Machine dimension(L×W×H)	(mm)	1620×1420×1700	2200×1530×1780	2390×1530×1780	2500×1620×1890

DCK36A / DCK46A / DCK50A

CNC Lathe Machine

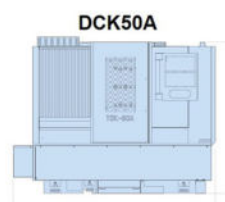
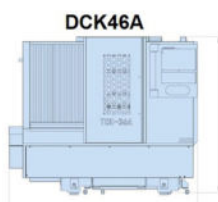
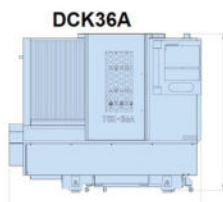


Usage

The machine is suitable to process all kinds of small and middle-sized shaft and plate work piece, and could also turn various threads, circle arc, circular cone, inside and outside surface of revolved body. This machine is widely used in sanitary, valve, electrical appliance, instrument, automobile, motorcycle, bearings and so on.

Features

1. Higher accuracy Taiwan linear guideways
2. Higher speed spindle unit
3. Higher rigidity castings
4. Integrated automatic lubrication
5. One-piece casting bed and slant bed
6. Optional power turret



Specifications	Unit	DCK36A	DCK46A	DCK50A
Max. swing dia. over bed	mm	360	460	560
Max. swing dia. over slide	mm	140	260	300
Max. work piece length	mm	300	350	350/500/800/1250
Max. bar capacity	mm	38/44	44	55/75
Max. processing diameter (plate)	mm	360	440/360	440/360
Spindle nose	GB59001	A2-5	A2-5	A2-6/8
spindle bore	φ/mm	48/56	56	66/66/86
Spindle speed	r/min	50-4000	50-3500	0-3000
Spindle shift mode				
Spindle motor power	KW	5.5	7.5	11/11/15
Chuck type				
Chuck size	Inch	6	8	10
X axis rapid traverse	m/min	24	24	24
Z axis rapid traverse	m/min	24	24	24
X axis servo motor torque	N.m	6	7.5	10/15
Z axis servo motor torque	N.m	6	7.5	10/15
X axis travel	mm	185	240	240
Z axis travel	mm	350	400	400/540/860/1300
Guide way type				
turret type				
tool shank size	mm	20X20/Ø25	25x25/Ø32	25X25/Ø32
Tail stock type				
Tail stock quill dia	φ/mm	65	70	70/90
Tail stock quill travel	mm	60	80	80
Tail stock quill taper		MT4#	MT5#	MT5#
Total rated power	KW	9	11	14/18
Total rated current	A	19	23	30
Net weight	kg	2500	3000	3200/3600/4500/5200
Machine dimension(L×W×H)	(mm)	2200 × 1636 × 1850	2500 × 1950 × 1950	2600/2700/3300/3750 × 2000 × 2000