

Dishaa[®]

LATHE MACHINE
DS SERIES

CONTACT US

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Lathe Machine

DS6140 / DS6240 / DS6140J / DS6150B / DS6250B

Main features

- 1) Spindle thru-hole is $\Phi 82\text{mm}$, for machine with letter B in its
- 2) Spindle thru-hole is $\Phi 105\text{mm}$, for machine with letter C in it
- 3) The suffix with J is an energy-saving machine tool
- 4) The second number 1 in the designation stands for general horizontal bed.
- 5) The second number 2 in the designation stands for horizontal gap bed.
- 6) Five length of machine is available: 750mm, 1000mm, 1500mm, 2000mm and 3000mm.



Technical Parameters

Item	Unit	Parameters			
		DS6140 DS6240	DS6140J	DS6150B DS6250B	DS6166B DS6266B
Max. swing over bed	mm	$\Phi 400$	$\Phi 400$	$\Phi 500$	$\Phi 660$
Max. swing over slide	mm	$\Phi 220$	$\Phi 220$	$\Phi 300$	$\Phi 420$
Max. workpiece length	mm	750/1000/1500/2000/3000	700/950/1450/1950/2950	750/1000/1500/2000/3000	750/1000/1500/2000/3000
Spindle nose		ISO 702/II No.6 bayonet type;		ISO 702/II No.8 short cam-lock type	
Spindle thru-hole	mm	$\Phi 52$	$\Phi 52$	$\Phi 82$	$\Phi 82$
Spindle speeds	r/min	24 STEPS 9-1600r/min			
Tool section	mm	25x25	25x25	25x25	25x25
Max. travel of compound rest	mm	145	145	145	145
Max. travel of cross slide	mm	320	320	320	310
Tailstock quill diameter/ Max. travel of quill	mm	75/150	75/150	75/150	75/150
Diametric pitch threads	MT	5	5	5	5
Spindle motor power	kW	7.5	7.5	7.5	7.5

Lathe Machine

DS6140C / DS6150C / DS6240C / DS6250C
DS6166C / DS6266C

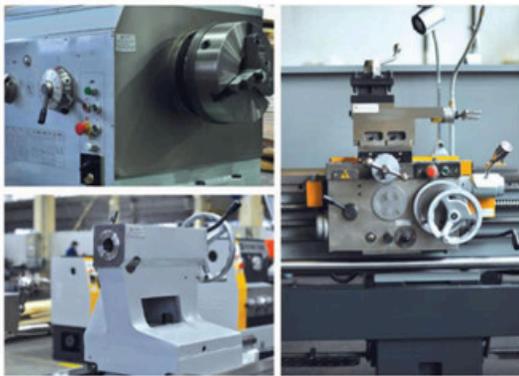


NC LATHE

Technical Parameters

Item	Unit	Parameters	
		DS6140C / DS6150C DS6240C / DS6250C	DS6166C DS6266C
Max. swing over bed	mm	Φ400/Φ500	Φ660
Max. swing over slide	mm	Φ220/Φ300	Φ420
Max. workpiece length	mm	750/1000/1500/2000/3000	750/1000/1500/2000/3000
Spindle nose		ISO 702/II No.8 short cam-lock type	
Spindle thru-hole	mm	Φ105	Φ105
Spindle speeds	r/min	12 STEPS 36–1600 r/min	12 STEPS 36–1600 r/min
Tool section	mm	25x25	25x25
Max. travel of compound rest	mm	145	145
Max. travel of cross slide	mm	320	310
Tailstock quill diameter/ Max. travel of quill	mm	75/150	75/150
Diametric pitch threads	MT	5	5
Spindle motor power	kW	7.5	7.5

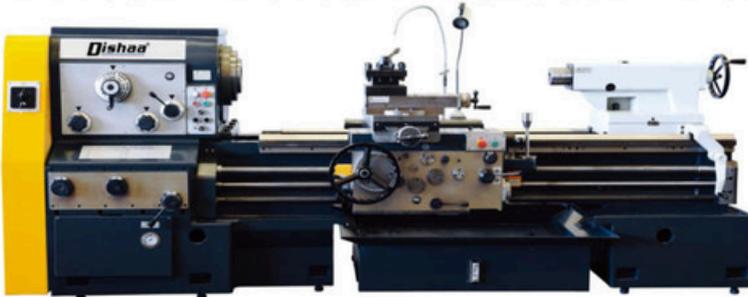
Lathe Machine DQ6280B / DQ6280C



Technical Parameters

Item	Unit	Parameters	
		DQ6280B	DQ6280C
Swing over bed	mm	Φ800	
Swing over slide	mm	Φ580	
Max. workpiece length	mm	2000/3000	
Spindle nose		ISO 702/ NO.8 (cam-lock)	
Spindle thro-hole	mm	Φ82	Φ105
Spindle speed	r/min	24 steps 8-1400rpm	12 steps 30-1400rpm
Tool section	mm	25×25	
Max. travel of compound rest	mm	145	
Max. travel of cross slide	mm	320	
Tailstock quill diameter /travel	mm	Φ90/150	
Taper of quill	mm	5	
Spindle power	kW	7.5	

Lathe Machine D6163B / D6180A / D62663B / D6280B



Main features

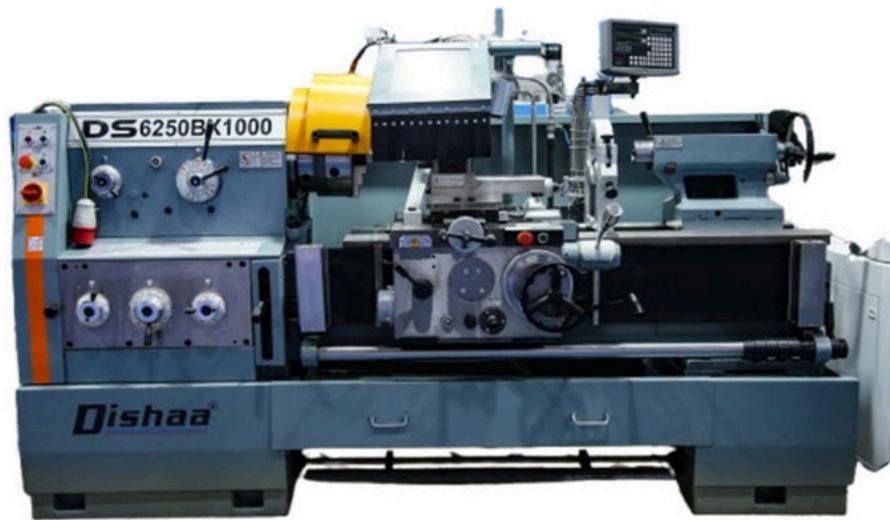
- 1) Suitable for various cuttings, such as ID and OD turning, taper turning, other revolving surfaces turning, facing, threading of metric, inch, module and DP threads, drilling, reaming, tapping and slot cutting, etc.
- 2) Three length of machine is available: 1500mm, 2000mm, 3000mm and 4000mm.



Technical Parameters

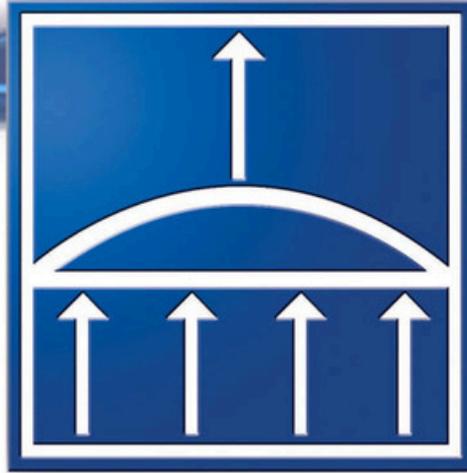
Items	Unit	Parameters			
		D6163B	D6180A	D6263B	D6280B
Max. swing over bed	mm	Φ660	Φ830	Φ660	Φ830
Max. swing over slide	mm	Φ400	Φ540	Φ400	Φ540
Max. workpiece length	mm	1500/2000/3000/4000		1500	1500
Spindle nose		A1-11		A1-11	A1-11
Spindle thru-hole	mm	Φ105		Φ105	Φ105
Spindle speed	r/min	14 steps 12.5~1120 rpm		14 steps 12.5~1120 rpm	14 steps 12.5~1120 rpm
Tool section	mm	32X32		32X32	32X32
Max. travel of compound rest	mm	200		200	200
Max. travel of cross slide	mm	480	515	480	515
Tailstock quill diameter/ Max. travel of quill	mm	Φ100/250		Φ100/250	Φ100/250
Diametric pitch threads	MT	5		5	5
Spindle motor power	kW	11		11	11

Lathe Machine



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SPECIFICATIONS	Units	DS6246	DS6256
Swing over bed	mm	460	560
Swing over cross slide	mm	270	355
Distance between centers	mm	1000/1500/2000/3000	1000/1500/2000/3000
Spindle bore	mm	58	80
Spindle bore taper	-	No. of Morse 6	No. of Morse 7
Spindle nose	-	D1-6	D1-8
Spindle speed range	rpm	12 changes, 25-2000r/min	12 changes, 25-1600r/min
Cross slide travel	mm	285	316
Top tool post travel	mm	75	75
Longitudinal feeds range	mm/r	42 Kinds, 0.031-1.7mm/rev	35 kinds, 0.059-1.646mm/rev
Cross feeds range	mm/r	42 Kinds, 0.014-0.784mm/rev	42 Kinds, 0.020-0.573mm/rev
Main motor power	PH	5.5kW 3PH	7.5kW 3PH
Net Weight	kg	1645/1810/1965	2195/2285/2560/2930
Gross Weight	kg	1910/2115/2295	2600/2690/2980/3410
Overall dimension	cm	220*108*137	239*115*146
	cm	275*108*137	284*115*146
	cm	325*108*137	334*115*146



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Lathe Machine

DSL250 / DSL280 DSL320B / DSL360 Lathe Machine



Feature

- Precision spindle bearing
- All geared spindle box
- Longitudinal and cross automatic feed
- Quenched and precision grinding guide way

SPECIFICATIONS		Units	DSL250	DSL280	DSL320B	DSL360
Swing over bed		mm	250	280	320	360
Swing over cross slide		mm	150	165	200	240
Distance between centers		mm	500(Opt.700)	500(Opt.750)	600(Opt.750)	750
Spindle bore		mm	26	38	38	38
Spindle bore taper		-	MT4	MT5	MT5	MT5
Spindle speed steps		-	12	8	12	12
Spindle speed range		rpm	80-1600	90-1800	80-1600	80-2000
Cross slide travel		mm	130	140	160	180
Top tool post travel		mm	75	75	100	100
Longitudinal feeds range		mm/r	0.03-0.275	0.05-0.35	0.1-1.4	0.1-1.4
Cross feeds range		mm/r	0.015-0.137	0.025-0.18	0.045-0.6	0.045-0.60
Kinds of metric threads		kinds	15	18	22	22
Range of metric threads		mm	0.25-2.5	0.2-3.5	0.2-7	0.2-7
Kinds of inch threads		kinds	9	34	45	45
Range of inch threads		T.P.I.	12-96	4 1/2 -48	2 1/2 -48	2 1/2 - 48
Kinds of module threads		kinds	-	16	21	21
Range of module threadsr		MP	-	0.20-1.75	0.2-3.5	0.20-3.5
Kinds of pitch threads		kinds	-	24	31	31
Range of pitch threads		DP	-	16-120	8-120	8-120
Tailstock quill taper		-	MT3	MT3	MT3	MT3
Tailstock quill travel		mm	60	60	80	80
Main motor power		kw	0.75	0.75	0.75	1.1
Machine weight	Weight for 500	kg	180	300	-	-
	Weight for 600	kg	-	-	450	-
	Weight for 700	kg	200	-	-	-
	Weight for 750	kg	-	320	480	550
Overall dimension	Dimension for 500	mm	1130×550*1170	1200*650*1200	-	-
	Dimension for 600	mm	-	-	1370*685*1360	-
	Dimension for 700	mm	200	-	-	-
	Dimension for 750	mm	-	1450*650*1200	1520*685*1360	1370*705*1430

D6132D / D6136 / D6140 Lathe Machine



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SPECIFICATIONS		Units	D6132D	D6232D	D6136D	D6236D	D6140D	D6240D
Swing over bed		mm	320		360		400	
Swing over cross slide		mm	180		200		240	
Swing over gap		mm	-	500	-	540	-	580
Distance between centers		mm	750/1000		750/1000		750/1000	
Spindle bore		mm	52		52		52	
Spindle bore taper		-	MT6		MT6		MT6	
Spindle speed steps		steps	12		12		12	
Spindle speed range		rpm	30-1600		30-1600		30-1600	
Cross slide travel		mm	240		240		240	
Top tool post travel		mm	140		140		140	
Tool size		mm	20 * 20		20 * 20		20 * 20	
Longitudinal feeds range		mm/r	0.039-1.05		0.039-1.05		0.039-1.05	
Cross feeds range		mm/r	0.019-0.52		0.019-0.52		0.019-0.52	
Kinds of metric threads		kinds	25		25		25	
Range of metric threads		mm	0.5-20		0.5-20		0.5-20	
Kinds of inch threads		kinds	35		35		35	
Range of inch threads		T.P.I.	1 3/4 -80		1 3/4 -80		1 3/4 -80	
Tailstock quill diameter		mm	60		60		60	
Tailstock quill taper		-	MT4		MT4		MT4	
Tailstock quill travel		mm	100		100		100	
Main motor power		kw	3		3		4	
Coolant motor power		kw	0.09		0.09		0.09	
Machine weight	Weight for 750	kg	1400		1500		1700	
	Weight for 1000	kg	1500		1600		1800	
Overall dimension	Dimension for 750	mm	2200*1140*1600		2200*1140*1600		2200*1140*1600	
	Dimension for 1000	mm	2400*1140*1600		2400*1140*1600		2400*1140*1600	

Lathe Machine

DZ1224G / DZ1237G
DZ1324G / DZ1337G

Lathe Machine



Feature

- Precision spindle bearing
- All geared spindle box
- Longitudinal and cross automatic feed
- Quenched and precision grinding guide way

SPECIFICATIONS	Units	DZ1224G	DZ1237G	DZ1324G	DZ1337G
Swing over bed	mm	305	305	330	330
Swing over cross slide	mm	173	173	215	215
Swing over gap	mm	440	440	485	485
Distance between centers	mm	530	940	530	940
Spindle bore	mm	38	38	38	38
Spindle bore taper	-	MT5	MT5	MT5	MT5
Spindle speed steps	-	9	9	9	9
Spindle speed range	rpm	64-1500	64-1500	64-1500	64-1500
Cross slide travel	mm	150	150	150	150
Top tool post travel	mm	85	85	85	85
Feeds range	mm/r	0.051-0.303	0.051-0.303	0.051-0.303	0.051-0.303
Kinds of metric threads	kinds	11	11	11	11
Range of metric threads	mm	0.5-3.5	0.5-3.5	0.5-3.5	0.5-3.5
Kinds of inch threads	kinds	14	14	14	14
Range of inch threads	T.P.I.	7 ½-48	7 ½-48	7 ½-48	7 ½-48
Tailstock quill diameter	mm	32	32	32	32
Tailstock quill taper	-	MT3	MT3	MT3	MT3
Tailstock quill travel	mm	95	95	95	95
Main motor power	kw	1.1	1.1	1.1	1.1
Coolant pump motor	kw	0.04	0.04	0.04	0.04
Machine weight	kg	420	440	440	460
Overall dimension	mm	1780x750x1460	1420x750x1460	1780x750x1480	1420x750x1480

DZ1237G/1 DZ1337G/1 DZ1340G/1 DZ1440G/1

Lathe Machine



Feature

- Precision spindle bearing
- All geared spindle box
- Longitudinal and cross automatic feed
- Quenched and precision grinding guide way
- Cam-lock spindle nose
- Wide range of thread processing

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SPECIFICATIONS	Units	DZ1237G/1	DZ1337G/1	DZ1340G/1	DZ1440G/1
Swing over bed	mm	305	330	330	350
Swing over cross slide	mm	173	195	195	220
Swing over gap	mm	440	476	476	500
Distance between centers	mm	940	940	1000	1000
Spindle bore	mm	38	38	38(Optional:51)	38(Optional:51)
Spindle bore taper	-	MT5	MT5	MT5	MT5
Spindle speed steps	-	9	9	8	8
Spindle speed range	rpm	64-1500	64-1500	70-2000(Optional:84-1850)	70-2000(Optional:84-1850)
Cross slide travel	mm	150	150	170	170
Top tool post travel	mm	85	85	74	74
Longitudinal feeds range	mm/r	0.052-1.392	0.052-1.392	0.052-1.392	0.052-1.392
Cross feeds range	mm/r	0.014-0.38	0.014-0.38	0.014-0.38	0.014-0.38
Kinds of metric threads	kinds	26	26	26	26
Range of metric threads	mm	0.4-7	0.4-7	0.4-7	0.4-7
Kinds of inch threads	kinds	34	34	34	34
Range of inch threads	T.P.I.	4-56	4-56	4-56	4-56
Kinds of threads module	kinds	16	16	16	16
Range of threads module	MP	0.35-5	0.35-5	0.35-5	0.35-5
Kinds of threads hreads diametral	kinds	36	36	36	36
Range of threads hreads diametral	DP	6-104	6-104	6-104	6-104
Tailstock quill diameter	mm	32	32	32	32
Tailstock quill taper	-	MT3	MT3	MT3	MT3
Tailstock quill travel	mm	95	95	95	95
Main motor power	kw	1.1	1.1	1.5	1.5
Coolant pump motor	kw	0.04	0.04	0.04	0.04
Machine weight	kg	515	525	635	645
Overall dimension	mm	1780x760x1460	1780x760x1480	1920x760x1480	1920x760x1500

Lathe Machine

D6132 / D6136 / D6140
D6150 / D6160 / D6170

Lathe Machine



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Main features

- Rail width is 360mm
- Thread processing need to change gears
- Tool size is 20x20mm
- Gears is steel of precision grinding and hardened

Standard configuration

- Hook wrench
- Inner hexagon spanner
- Single-ended wrench
- Socket wrench
- 3-jaw chuck
- Dead center
- Center sleeve
- Triangular belt
- Adjustment pad iron
- Foundation bolts
- Change gears

Optional configuration

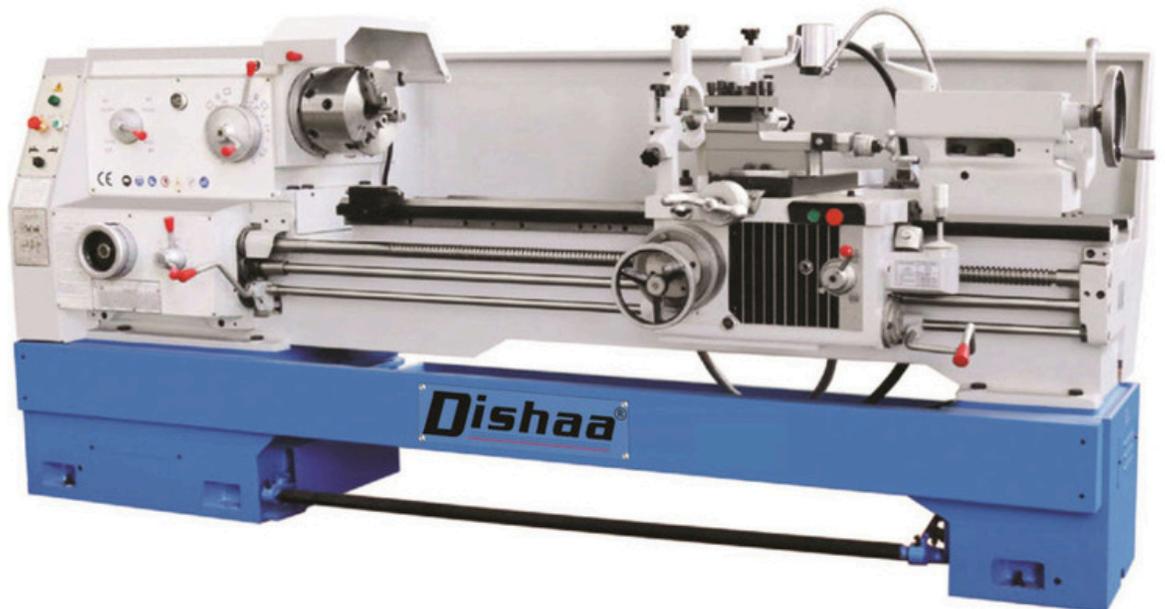
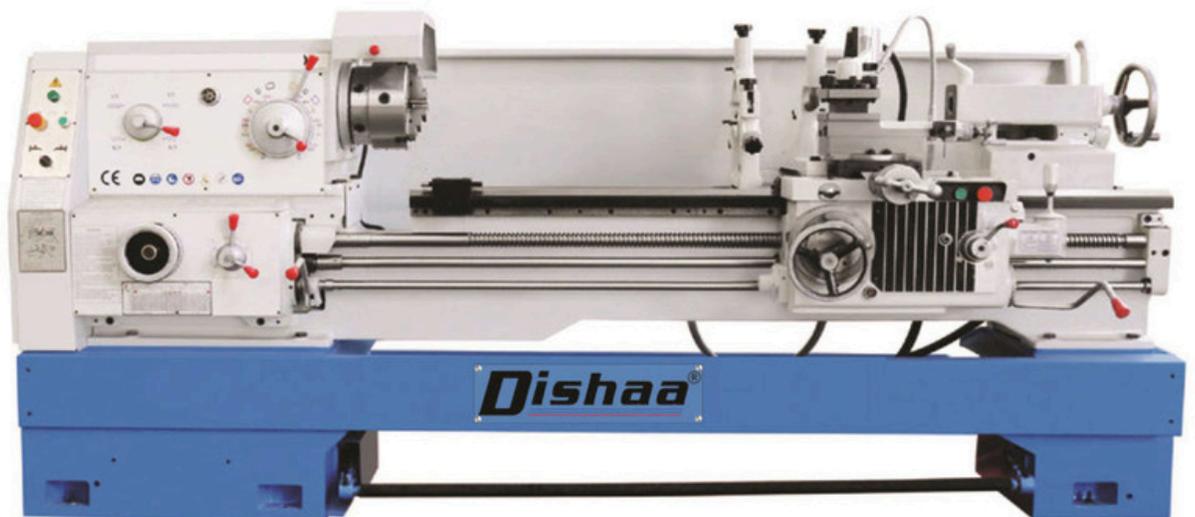
- Steady Rest, Follow rest
- DRO
- Chuck cover, Tool post cover, Lead screw cover
- Foot brake
- Fast moving
- Live center
- 4 jaw chuck
- Drill chuck and holder
- Face plate
- Quick change tool post
- Taper turning attachment

SPECIFICATIONS		Units	D6132	D6232	D6136	D6236	D6140	D6240	D6150	D6250	D6160	D6260	D6170	D6270
Swing over bed	mm		320		360		400		500		600		700	
Swing over cross slide	mm		150		190		230		330		400		500	
Swing over gap	mm	-	480	-	520	-	560	-	660	-	760	-	860	
Distance between centers	mm	750/1000/1500/2000/3000												
Spindle bore	mm		52(pot.80)		52(pot.80)		52(pot.80)		52(pot.80)		52(Optional:80)		52(pot.80)	
Spindle bore taper	-		MT6 (pot. Metric 1:20)		MT6 (pot. Metric 1:20)		MT6 (pot. Metric 1:20)		MT6 (pot. Metric 1:20)		MT6 (pot. Metric 1:20)		MT6 (pot. Metric 1:20)	
Spindle speed steps	steps		9		9		9		9		9		9	
Spindle speed range	rpm		40-1400		40-1400		40-1400		40-1400		40-1400		40-1400	
Cross slide travel	mm		160		180		200		250		300		350	
Top tool post travel	mm		95		95		95		95		95		95	
Tool size	mm		20*20		20*20		20*20		20*20		20*20		20*20	
Longitudinal feeds range	mm/r		0.0832-4.6569		0.0832-4.6569		0.0832-4.6569		0.0832-4.6569		0.0832-4.6569		0.0832-4.6569	
Cross feeds range	mm/r		0.048-2.688		0.048-2.688		0.048-2.688		0.048-2.688		0.048-2.688		0.048-2.688	
Kinds of metric threads	kinds		19		19		19		19		19		19	
Range of metric threads	mm		0.25-14		0.25-14		0.25-14		0.25-14		0.25-14		0.25-14	
Kinds of inch threads	kinds		28		28		28		28		28		28	
Range of inch threads	T.P.I.		2-40		2-40		2-40		2-40		2-40		2-40	
Kinds of threads module	kinds		17		17		17		17		17		17	
Range of threads module	MP		0.25-3.5		0.25-3.5		0.25-3.5		0.25-3.5		0.25-3.5		0.25-3.5	
Tailstock quill diameter	mm		65		65		65		65		65		65	
Tailstock quill taper	-		MT4		MT4		MT4		MT5		MT5		MT5	
Tailstock quill travel	mm		130		130		130		130		130		130	
Main motor power	kw		4		4		4		5.5		5.5		5.5	
Coolant pump motor	kw		0.09		0.09		0.09		0.09		0.09		0.09	
Machine weight	Weight for 750	kg	1100		1200		1220		1250		1300		1500	
	Weight for 1000	kg	1200		1300		1320		1350		1400		1600	
	Weight for 1500	kg	1400		1500		1520		1550		1600		1800	
	Weight for 2000	kg	1600		1700		1720		1750		1800		2000	
	Weight for 3000	kg	1800		1900		1920		1950		2000		2200	
Overall dimension	Dimension for 750	mm	2200*1140*1500		2200*1140*1500		2200*1140*1550		2200*1140*1650		2200*1140*1750		2200*1140*1850	
	Dimension for 1000	mm	2400*1140*1500		2400*1140*1500		2400*1140*1550		2400*1140*1650		2400*1140*1750		2400*1140*1850	
	Dimension for 1500	mm	2900*1140*1500		2900*1140*1500		2900*1140*1550		2900*1140*1650		2900*1140*1750		2900*1140*1850	
	Dimension for 2000	mm	3400*1140*1500		3400*1140*1500		3400*1140*1550		3400*1140*1650		3400*1140*1750		3400*1140*1850	
	Dimension for 3000	mm	4400*1140*1500		4400*1140*1500		4400*1140*1550		4400*1140*1650		4400*1140*1750		4400*1140*1850	

Lathe Machine

**DL6140 / DL6150 / DL6161
DL6106 / DL6180**

Lathe Machine



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Main features

- Guideway width 400mm, strong cutting force and stable type.
- Feed box with fast moving
- Many kinds of threads with don't need change the hanging wheel.
- 25x25mm High strength tool carrier is 25x25mm
- Gear using chrome material, more wear-resistant.
- Heavy cutting

Standard configuration

- 3-jaw chuck
- Dead center
- Center sleeve
- Triangular belt
- Foundation bolts
- Socket wrench
- Double-ended wrench
- Inner hexagon spanner
- Hook wrench
- Screwdriver
- Oil gun

Optional configuration

- Steady Rest, Follow rest
- DRO
- Chuck cover ,Tool post cover ,Lead screw cover
- Foot brake
- Live center
- 4 jaw chuck
- Drill chuck and holder
- Face plate
- Back plate
- Quick change tool post
- Taper turning attachment

SPECIFICATIONS	Units	DL6140	DL6240	DL6150	DL6250	DL6161	DL6261	DL6166	DL6266	DL6180	DL6280
		DL6140B	DL6240B	DL6150C	DL6250C	DL6161B	DL6261B	DL6166B	DL6266B	DL6180B	DL6280B
Swing over bed	mm	400mm		500mm		610mm		660mm		800mm	
Swing over cross slide	mm	210mm		300mm		370mm		400mm		540mm	
Swing over gap	mm	-	630	-	720	-	830	-	880	-	1020
Gap length	mm	-	210	-	210	-	210	-	210	-	210
Distance between centers	mm	750/1000/1500/2000/2200/3000/4000									
Spindle bore	mm	52 B:80 C:105									
Spindle bore taper	-										
Spindle speed steps	steps	24		24		24		24		24	
Spindle speed range	rpm	10-1400/16-1400		10-1400/16-1400		10-1400/16-1400		10-1400/16-1400		10-1400/16-1400	
Cross slide travel	mm	320		320		320		320		320	
Top tool post travel	mm	140		140		140		140		140	
Tool size	mm	25*25		25*25		25*25		25*25		25*25	
Longitudinal feeds kinds	kinds	64		64		64		64		64	
Longitudinal feeds range	mm/r	0.028-6.33		0.028-6.33		0.028-6.33		0.028-6.33		0.028-6.33	
Cross feeds range kinds	kinds	64		64		64		64		64	
Cross feeds range	mm/r	0.014-3.16		0.014-3.16		0.014-3.16		0.014-3.16		0.014-3.16	
Longitudinal fast moving	m/min	4		4		4		4		4	
Cross fast moving	m/min	2		2		2		2		2	
Kinds of metric threads	kinds	44		44		44		44		44	
Range of metric threads	mm	1-192		1-192		1-192		1-192		1-192	
Kinds of inch threads	kinds	21		21		21		21		21	
Range of inch threads	T.P.I.	2-24		2-24		2-24		2-24		2-24	
Kinds of threads module	kinds	39		39		39		39		39	
Range of threads module	MP	0.25-48		0.25-48		0.25-48		0.25-48		0.25-48	
Kinds of threads hreads diametral	kinds	37		37		37		37		37	
Range of threads hreads diametral	DP	1-96		1-96		1-96		1-96		1-96	
Tailstock quill diameter	mm	75		75		75		75		75	
Tailstock quill taper	-	MT5		MT5		MT5		MT5		MT5	
Tailstock quill travel	mm	150		150		150		150		150	
Main motor power	kw	7.5		7.5		7.5		11		11	
Coolant motor power	kw	0.09		0.09		0.09		0.09		0.09	
Machine weight	Weight for 750	kg	2000	2100	2200	2300	2300	2500	2670	2920	3170
	Weight for 1000	kg	2100	2200	2300	2400	2500	2700	2920	3170	3300
	Weight for 1500	kg	2300	2400	2500	2600	2700	2900	3170	3300	3400
	Weight for 2000	kg	2600	2700	2800	2900	3000	3200	3300	3400	3500
	Weight for 2200	kg	2700	2800	2900	3000	3100	3200	3300	3400	3500
	Weight for 3000	kg	3300	3500	3700	3900	4100	4200	4420	4600	4700
	Weight for 4000	kg	3800	4000	4200	4400	4600	4800	5000	5200	5400
Overall dimension	Dimension for 750	mm	2440*1150*1600	2440*1150*1700	2440*1150*1800	2440*1150*1860	2440*1150*1860	2440*1150*2000	2440*1150*2000	2440*1150*2000	2440*1150*2000
	Dimension for 1000	mm	2650*1150*1600	2650*1150*1700	2650*1150*1800	2650*1150*1860	2650*1150*1860	2650*1150*2000	2650*1150*2000	2650*1150*2000	2650*1150*2000
	Dimension for 1500	mm	3150*1150*1600	3150*1150*1700	3150*1150*1800	3150*1150*1860	3150*1150*1860	3150*1150*2000	3150*1150*2000	3150*1150*2000	3150*1150*2000
	Dimension for 2000	mm	3650*1150*1600	3650*1150*1700	3650*1150*1800	3650*1150*1860	3650*1150*1860	3650*1150*2000	3650*1150*2000	3650*1150*2000	3650*1150*2000
	Dimension for 2200	mm	4030*1150*1600	4030*1150*1700	4030*1150*1800	4030*1150*1860	4030*1150*1860	4030*1150*2000	4030*1150*2000	4030*1150*2000	4030*1150*2000
	Dimension for 3000	mm	4800*1150*1600	4800*1150*1700	4800*1150*1800	4800*1150*1860	4800*1150*1860	4800*1150*2000	4800*1150*2000	4800*1150*2000	4800*1150*2000
	Dimension for 4000	mm	5680*1150*1600	5680*1150*1700	5680*1150*1800	5680*1150*1860	5680*1150*1860	5680*1150*2000	5680*1150*2000	5680*1150*2000	5680*1150*2000

Lathe Machine

DW6163E / DW6263E
DW6180E / DW6280E
 Heavy Duty Lathe

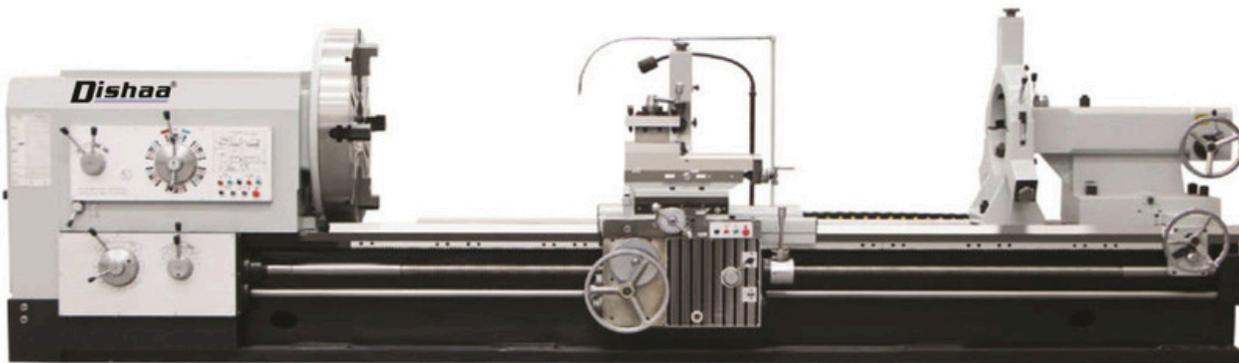


NC LATHE

SPECIFICATIONS		Units	DW6163E	DW6263E	DW6180E	DW6280E	DW6180F	DW6280F	DW61100F	DW62100F
Swing over bed	mm		630		800		800		1000	
Swing over gap	mm	-		800	-	1000	-	1000	-	1200
Swing over cross slide	mm		350		520		480		680	
Distance between centers	mm		1500/2000/3000/4000/5000/6000							
Guideway width	mm		550		550		600		600	
Max. load capacity	T		3		3		4		4	
Spindle bore	mm		104		104		104		104	
Spindle bore taper	-		Metric120/MT5		Metric120/MT5		Metric120/MT5		Metric120/MT5	
Spindle nose type	-		C11		C11		C11		C11	
Spindle speed steps	steps		18		18		18		18	
Spindle speed range	rpm		7.5-1000		6-800		5.4-720		5.4-720	
Chuck	mm		315 Manual 3-jaw		315 Manual 3-jaw		400 Manual 3-jaw		400 Manual 3-jaw	
Tool size	mm		30*30		30*30		32*32		32*32	
X axis travel	mm		320		420		420		420	
Z axis travel	mm		1350/1850/2850/3850/4850/5850							
X axis feed steps /range	mm/r		64/0.05-12.15		64/0.05-12.15		64/0.05-12.15		64/0.05-12.15	
Z axis feed steps /range	mm/r		64/0.1-24.3		64/0.1-24.3		64/0.1-24.3		64/0.1-24.3	
X axis rapid traverse	mm/min		2300		2300		2300		2300	
Z axis rapid traverse	mm/min		4000		4000		4000		4000	
Metric thread kinds /range	mm		50/1-240		50/1-240		50/1-240		50/1-240	
Inch thread kinds /range	T.P.I		26/14-1		26/14-1		26/14-1		26/14-1	
Module thread kinds /range	mm		53/0.5-120		53/0.5-120		53/0.5-120		53/0.5-120	
DP thread kinds /range	D.P.		24/28-1		24/28-1		24/28-1		24/28-1	
Tailstock quill diameter	mm		100		100		120		120	
Tailstock quill taper	-		MT5		MT5		MT6		MT6	
Tailstock quill travel	mm		250		250		250		250	
Main motor power	kw		11		11		11		11	
Rapid traverse motor power	kw		1.1		1.1		1.1		1.1	
Coolant motor power	kw		0.125		0.125		0.125		0.125	
Machine weight	Weight for 1500	kg	3800		4100		5000		5300	
	Weight for 2000	kg	4200		4500		5400		5700	
	Weight for 3000	kg	4900		5200		6100		6400	
	Weight for 4000	kg	5600		5900		6800		7100	
	Weight for 5000	kg	6300		6600		7500		7800	
	Weight for 6000	kg	7000		7300		8200		8500	
Overall dimension	Dimension for 1500	mm	3800*1400*1450		3800*1500*1450		4000*1550*1650		4000*1750*1750	
	Dimension for 2000	mm	4300*1400*1450		4300*1500*1450		4500*1550*1650		4500*1750*1750	
	Dimension for 3000	mm	5300*1400*1450		5300*1500*1450		5500*1550*1650		5500*1750*1750	
	Dimension for 4000	mm	6300*1400*1450		6300*1500*1450		6500*1550*1650		6500*1750*1750	
	Dimension for 5000	mm	7300*1400*1450		7300*1500*1450		7500*1550*1650		7500*1750*1750	
	Dimension for 6000	mm	8300*1400*1450		8300*1500*1450		8500*1550*1650		8500*1750*1750	

DW6100L / DW6125L DW6140L / DW6160L

Heavy Duty Lathe



NC LATHHE

SPECIFICATIONS	Units	DW61100L	DW61125L	DW61140L	DW61160L
Swing over bed	mm	1000	1250	1400	1600
Swing over cross slide	mm	610	850	1000	1200
Distance between centers	mm	1500/2000/3000/4000/5000/6000			
Guideway width	mm	755	755	755	755
Max. load capacity	T	6	6	6	6
Spindle bore	mm	130	130	130	130
Spindle bore taper	-	Metric140/MT6	Metric140/MT6	Metric140/MT6	Metric140/MT6
Spindle nose type	-	A2-15	A2-15	A2-15	A2-15
Spindle speed steps	steps	21	21	21	21
Spindle speed range	rpm	3.15-315	3.15-315	3.15-315	3.15-315
Chuck	mm	1000 Manual 4-jaw	1000 Manual 4-jaw	1000 Manual 4-jaw	1000 Manual 4-jaw
Tool size	mm	45*45	45*45	45*45	45*45
X axis travel	mm	520	620	620	620
Z axis travel	mm	1350/1850/2850/3850/4850/5850			
X axis feed steps /range	mm/r	56/0.05-6	56/0.05-6	56/0.05-6	56/0.05-6
Z axis feed steps /range	mm/r	56/0.1-12	56/0.1-12	56/0.1-12	56/0.1-12
X axis rapid traverse	mm/min	1870	1870	1870	1870
Z axis rapid traverse	mm/min	3740	3740	3740	3740
Metric thread kinds /range	mm	44/1-120	44/1-120	44/1-120	44/1-120
Inch thread kinds /range	T.P.I	31/28-3/8	31/28-3/8	31/28-3/8	31/28-3/8
Module thread kinds /range	mm	45/0.5-60	45/0.5-60	45/0.5-60	45/0.5-60
DP thread kinds /range	D.P.	30/56-1	30/56-1	30/56-1	30/56-1
Tailstock quill diameter	mm	φ160	φ160	φ160	φ160
Tailstock quill taper	-	MT6	MT6	MT6	MT6
Tailstock quill travel	mm	300	300	300	300
Main motor power	kw	22	22	22	22
Rapid traverse motor power	kw	1.5	1.5	1.5	1.5
Coolant motor power	kw	0.125	0.125	0.125	0.125
Machine weight	Weight for 1500	kg	9600	10600	11200
	Weight for 2000	kg	10100	11100	11700
	Weight for 3000	kg	10700	11700	12300
	Weight for 4000	kg	11700	12700	13300
	Weight for 5000	kg	12700	13700	14300
	Weight for 6000	kg	13700	14700	15300
Overall dimension	Dimension for 1500	mm	4600*2000*1800	4600*2000*1950	4600*2250*2050
	Dimension for 2000	mm	5100*2000*1800	5100*2000*1950	5100*2250*2050
	Dimension for 3000	mm	6100*2000*1800	6100*2000*1950	6100*2250*2050
	Dimension for 4000	mm	7100*2000*1800	7100*2000*1950	7100*2250*2050
	Dimension for 5000	mm	8100*2000*1800	8100*2000*1950	8100*2250*2050
	Dimension for 6000	mm	9100*2000*1800	9100*2000*1950	9100*2250*2050

Lathe Machine

**D1313 / D1319 / D1322
D1325 / D1327**

Pipe Threading Lathe Machine

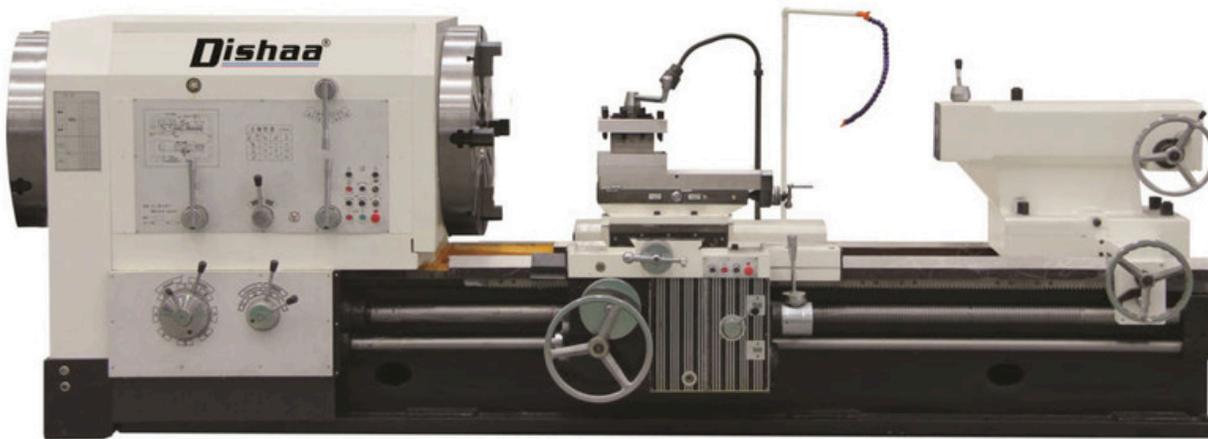


NC LATHE

SPECIFICATIONS		Units	D1313	D1319	D1322	D1325	D1327
Swing over bed	mm		630/800	630/800	630/800	800	800
Swing over cross slide	mm		340/520	340/520	340/520	480	480
Distance between centers	mm		1500/3000	1500/3000	1500/3000	1500/3000	1500/3000
Pipe threading range	mm		30-126	50-193	50-220	120-250	130-270
Guideway width	mm		550	550	550	600	600
Max. load capacity	kg		3000	3000	3000	4000	4000
Spindle bore	mm		130	200	230	255	280
Spindle speed steps	steps		18	4	4	4	4
Spindle speed range	rpm		30-650	20-550	20-550	20-420	20-420
Chuck	mm		400	520	520	630	630
			manual/3-jaw	manual/4-jaw	manual/4-jaw	manual/4-jaw	manual/3-jaw
Tool shank size	mm		30*30	32*32	32*32	32*32	32*32
X axis travel	mm		320/420	320/420	320/420	420	420
Z axis travel	mm		1350/2850	1350/2850	1350/2850	1350/2850	1350/2850
X axis feed steps/range	mm/r		22/0.02-0.45	22/0.02-0.45	22/0.02-0.45	22/0.02-0.45	22/0.02-0.45
Z axis feed steps/range	mm/r		26/0.07-1.33	26/0.07-1.33	26/0.07-1.33	26/0.07-1.33	26/0.07-1.33
X axis rapid traverse	mm/min		2300	2300	2300	2300	2300
Z axis rapid traverse	mm/min		4000	4000	4000	4000	4000
Metric thread kinds /range	mm		52/1-24	1-15	1-15	1-15	1-15
Inch thread kinds /range	T.P.I		40/28-2	14-1	14-1	14-1	14-1
Tailstock quill diameter	mm		100	100	100	120	120
Tailstock quill taper	-		MT5	MT5	MT5	MT6	MT6
Tailstock quill travel	mm		250	250	250	250	250
Main motor power	kw		11	11	11	15	15
Rapid traverse motor	kw		0.3	0.3	0.3	1.1	1.1
Coolant motor power	kw		0.125	0.125	0.125	0.125	0.125
Machine weight	Weight for 1500	kg	4000	4300	4500	8000	8000
	Weight for 3000	kg	5200	5500	5700	9000	9000
Overall dimension	Dimension for 1500	mm	3700*1500*1500	3700*1550*1550	3700*1650*1550	4100*1700*1600	4100*1700*1600
	Dimension for 3000	mm	5200*1500*1500	5200*1550*1550	5200*1650*1550	5600*1700*1600	5600*1700*1600

D1327 / D1332 / D1338 D1343 / D1350

Pipe Threading Lathe Machine



NC LATHHE

SPECIFICATIONS	Units	D1327	D1332	D1338	D1343	D1350	
Swing over bed	mm	1000	1000	1000	1000	1200	
Swing over cross slide	mm	610	610	610	610	710	
Distance between centers	mm	1500/3000	1500/3000	1500/3000	1500/3000	1500/3000	
Pipe threading range	mm	130-270	190-320	190-380	270-430	330-510	
Guideway width	mm	755	755	755	755	755	
Max. load capacity	kg	6000	6000	6000	6000	6000	
Spindle bore	mm	280	330	390	440	520	
Spindle speed steps	-	12	9	9	9	9	
Spindle speed range	rpm	16-380	7.5-280	6-205	4.9-180	4.9-180	
Chuck	mm	800	780	850	1000	1000	
		Manual 4-jaw	Electric 4-jaw	Electric 4-jaw	Electric 4-jaw	Electric 4-jaw	
Tool size	mm	45*45	45*45	45*45	45*45	45*45	
X axis travel	mm	520	520	520	520	520	
Z axis travel	mm	1350/2850	1350/2850	1350/2850	1350/2850	1350/2850	
X axis feed steps /range	mm/r	40/0.05-1.5	32/0.05-0.75	32/0.05-0.75	32/0.05-0.75	32/0.05-0.75	
Z axis feed steps /range	mm/r	40/0.1-3.0	32/0.1-1.5	32/0.1-1.5	32/0.1-1.5	32/0.1-1.5	
X axis rapid traverse	mm/min	1870	1870	1870	1870	1870	
Z axis rapid traverse	mm/min	3740	3740	3740	3740	3740	
Metric thread kinds /range	mm	30/1-30	23/1-15	23/1-15	23/1-15	23/1-15	
Inch thread kinds /range	T.P.I	27/28-1	22/28-2	22/28-2	22/28-2	22/28-2	
Tailstock quill diameter	mm	160	160	160	160	160	
Tailstock quill taper	-	MT6	MT6	MT6	MT6	MT6	
Tailstock quill travel	mm	300	300	300	300	300	
Main motor power	kw	22	22	22	22	22	
Rapid traverse motor	kw	1.5	1.5	1.5	1.5	1.5	
Coolant motor power	kw	0.125	0.125	0.125	0.125	0.125	
Machine weight	Weight for 1500	kg	10000	11500	12800	13000	15000
	Weight for 3000	kg	11500	13000	14300	14500	16500
Overall dimension	Dimension for 1500	mm	4800*2100*1600	4900*2100*1650	4900*2100*1700	5000*2100*1700	5000*2100*1850
	Dimension for 3000	mm	6300*2100*1600	6400*2100*1650	6400*2100*1700	6500*2100*1700	6500*2100*1850