

CDE-A/B



TORNO CONVENCIONAL



CDE-A/B

Specification	Unit	CDE6240A	CDE6250A	CDE6266A	CDE6266B
Max.Swing diameter over bed	mm	Φ400	Φ500	Φ660	Φ660
Max.Swing diameter over cross slide	mm	Φ220	Φ290	Φ430	Φ430
Max.Swing diameter in gap	mm	Φ700	Φ760	Φ910	Φ910
Length in gap	mm	260	260	260	260
Max. workpiece length	mm	750/1000/1500/2000/3000			2000/3000
Max.Cutting length	mm	700/950/1450/1950/2950			1950/2950
Bed guideway width	mm	394			394
Spindle					
Spindle nose		C6			D8
Spindle bore	mm	Φ52			Φ82
Taper of spindle bore		No.6 MT			Metric 90(1:20)
Chuck size	mm	Φ250		Φ315	Φ315
Max. Spindle torque	Nm	1586			1586
Spindle speed ranges	rpm	11-1400(22 Speeds)			20-1600(16 Speeds)
Spindle centre height	mm	220	250	325	325
Spindle motor power	kW	7.5kW (1440rpm 50HZ) Opt:5.5kW (960rpm 60HZ)			7.5kW/1440 (50HZ)
Tailstock					
Diameter of tailstock quill	mm	Φ75			Φ75
Travel of tailstock quill	mm	150			150
Taper of tailstock quill		No.5 MT			No.5 MT
Feeds&Threads (metric screw *inch screw)					
Longitudinal feed	mm/r	0.035 ~ 2.842 (63 Speeds)	*0.0013 ~ 0.1057in/r(63 Speeds)		0.054 ~ 2.842 (54 Speeds)
Cross feed	mm/r	0.009 ~ 0.804	*0.0003 ~ 0.0304in/r		0.015 ~ 0.804 (54 Speeds)
Metric threads	mm	0.5 ~ 240 (66 Kinds)	*0.5 ~ 160 (43 Kinds)		0.5 ~ 120 (56 Kinds)
Modular threads	mm	0.25 ~ 120 (57 Kinds)	*0.25 ~ 80 (38 Kinds)		0.25 ~ 60 (47 Kinds)
Inch threads	TPI	80 ~ 1/4(49 Kinds)	*80 ~ 1/4(47 Kinds)		80 ~ 7/16(42 Kinds)
Diametral pitch threads	DP	160 ~ 7/16(50 Kinds)	*160 ~ 7/16(48 Kinds)		160 ~ 7/8(25 Kinds)
Tool post					
Max. tool shank size	mm	25×25			25×25
Travel of top slide	mm	150			150
Swivel angle of top slide	°	±45°			±45°
Max. Travel of Tool post	X-axis	348		373	373
	Z-axis	700/950/1450/1950/2950			1950/2950
Machine dimensions(L×W×H)	mm	2400×1198×1264 (750) 2650×1198×1264(1000) 3150×1198×1264(1500) 3650×1198×1264(2000) 4650×1198×1264(3000)	2400×1198×1294 (750) 2650×1198×1294(1000) 3150×1198×1294(1500) 3650×1198×1294(2000) 4650×1198×1294(3000)	2400×1198×1369 (750) 2650×1198×1369(1000) 3150×1198×1369(1500) 3650×1198×1369(2000) 4650×1198×1369(3000)	3650×1198×1545(2000) 4650×1198×1545(3000)
Machine weight	kg	1990/2040/2120/2280/2570	2040/2090/2170/2330/2620	2105/2155/2235/2395/2685	2425/2725

Especificações CDE-A/B



CDS-B/C



TORNO CONVENCIONAL



CDS-B/C

Specification	Unit	CDS6150B/C	CDS6250B/C	CDS6166B/C	CDS6266B/C
Max.Swing diameter over bed	mm	Φ500		Φ660	
Max.Swing diameter over cross slide	mm	Φ290		Φ440	
Max.Swing diameter in gap	mm	—	Φ760	—	Φ870
Length in gap	mm	—	280	—	280
Max. workpiece length	mm	1000/1500/2000/3000			
Max.cutting length	mm	950/1450/1950/2950			
Bed guideway width	mm	394			
Spindle					
Spindle nose		D8			
Spindle bore	mm	CDS-B Φ82/CDS-CΦ105			
Taper of spindle bore		CDS-B Metric 90(1:20)/CDS-C Metric 110(1:20)			
Chuck size	mm	CDS-B Φ250/CDS-C Φ315		Φ315	
Max. Spindle torque	Nm	1100			
Spindle speed ranges	rpm	CDS-B 26-2000 (16 Speeds) / CDS-C 26-1700 (16 Speeds)			
Spindle centre height	mm	250		325	
Spindle motor power	kW	7.5 (10 HP)			
Tailstock					
Diameter of tailstock quill	mm	Φ75			
Travel of tailstock quill	mm	150			
Taper of tailstock quill		No.5 MT			
Feeds&Threads (metric screw *inch screw)					
Longitudinal feed	mm/r	0.044~1.48 (45 Kinds) ; *0.044~0.148 in/rpm (45 Kinds)			
Cross feed	mm/r	0.022~0.74 (45 Kinds) ; *0.031 ~ 0.092 in/rpm (45 Kinds)			
Metric threads	mm	0.5~80 (73 Kinds *53 Kinds)			
Modular threads	mm	0.5~40 (45 Kinds *66 Kinds)			
Inch threads	TPI	7/16~80 (47 Kinds *47 Kinds)			
Diametral pitch threads	DP	7/8~160 (47 Kinds *48 Kinds)			
Tool post					
Max. tool shank size	mm	25×25			
Travel of top slide	mm	150			
Swivel angle of top slide	°	±45°			
Max. Travel of Tool post	X-axis	mm		315	
	Z-axis	mm		950/1450/1950/2950	
Machine dimensions(L×W×H)	mm			2930×1223×1295 (1000)	
				3430×1223×1295 (1500)	
				3930×1223×1295 (2000)	
				4930×1223×1295 (3000)	
Machine weight	kg	2120/2170/2420/2620/3120		2400/2500/2700/2900/3400	

Especificações CDS-B/C



CW-E



TORNO CONVENCIONAL



CW-E

Specification	Unit	CW6263E	CW6280E	CW62100E
Max.Swing diameter over bed	mm	Φ630	Φ800	Φ1000
Max.Swing diameter over cross slide	mm	Φ350	Φ480	Φ710
Max.Swing diameter in gap	mm	Φ800	Φ1000	Φ1230
Length in gap	mm	350	350	350
Max. workpiece length	mm	1000/1500/2000/3000/4000/5000/6000		
Max.cutting length	mm	600/1100/1600/2600/3600/4600/5600		
Bed guideway width	mm	550		
Spindle				
Spindle nose		C11 *D11		
Spindle bore	mm	Φ100(C11) *Φ105(D11) Opt:Φ130 (C11/D11)		
Chuck size	mm	Φ315	Φ400	Φ400
Taper of spindle bore		Metric 120(1:20) Opt:Φ130-Metric 140(1:20)		
Max. Spindle torque	Nm	2400		
Spindle speed ranges	rpm	7.5-1000(18 Speeds)		
Spindle centre height	mm	315	400	515
Spindle motor power	kW	11kW (1460rpm/50HZ) Opt:15kW (1460rpm/50HZ)		
Tailstock				
Diameter of tailstock quill	mm	Φ100		
Travel of tailstock quill	mm	250		
Taper of tailstock quill		No.6 MT		
Feeds&Threads (metric screw *inch screw)				
Longitudinal feed(metric screw)	mm/r	64 Speeds 1/1 0.1~1.52 ; 16/1 1.6~24.3		
Longitudinal feed(inch screw)	in/r	64 Speeds *1/1 0.0019~0.0612 ; *16/1 0.0305~0.98		
Cross feed	mm/r	1/2 times of the longitudinal feed		
Metric threads(Metric screw)	mm	0.5~240 (52 Kinds)	1~240 (50 Kinds)	0.5~240 (52 Kinds)
Metric threads(Inch screw)	mm	1~256 (57 Kinds)	1~256 (57 Kinds)	1~256 (57 Kinds)
Modular threads	mm	0.5~120(53 Kinds) *0.5~128(57 Kinds)		
Inch threads	TPI	28~1(34 Kinds) *32~1/16(67 Kinds)	14~1(26 Kinds) *32~1/16(67 Kinds)	28~1(34 Kinds) *32~1/16(67 Kinds)
Diametral pitch threads	DP	28~1(24 Kinds) *32~1/8(57 Kinds)		
Tool post				
Max.Tool shank size	mm	30×30		
Travel of top slide	mm	200		
Swivel angle of top slide	°	±90°		
Machine dimensions(L×W×H)	mm	3180×1340×1830(1000) 3630×1340×1830(1500) 4230×1340×1830(2000) 5130×1340×1830(3000) 6040×1430×1830(4000) 7120×1430×1830(5000) 8240×1430×1830(6000)	3180×1380×1830(1000) 3630×1380×1830(1500) 4230×1380×1830(2000) 5130×1380×1830(3000) 6040×1470×1830(4000) 7120×1470×1830(5000) 8240×1470×1830(6000)	3180×1460×1830(1000) 3630×1460×1830(1500) 4230×1460×1830(2000) 5130×1460×1830(3000) 6040×1550×1830(4000) 7120×1550×1830(5000) 8240×1550×1830(6000)
Machine weight	kg	4050/4350/4650/5150/ 5950/6650/7450	4250/4550/4850/5350/ 6650/7300/7850	4500/4800/5100/5600/ 6950/7450

Especificações CW-E



CW-M



TORNO CONVENCIONAL



CW-M

Specification	Unit	CW61100M	CW62100M	CW61125M	CW62125M	CW61140M	CW62140M	CW61160M	CW62160M	
Max.Swing diameter over bed	mm	Φ1000		Φ1250		Φ1400		Φ1600		
Max.Swing diameter over cross slide	mm	Φ630		Φ880		Φ1030		Φ1230		
Max.Swing diameter in gap	mm	—	Φ1400	—	Φ1650	—	Φ1800	—	Φ2000	
Length in gap	mm	—	772	—	772	—	772	—	772	
Max. workpiece length	mm	1500/2000/3000/4000/5000/6000/(8000 CW61xxxM)								
Max.cutting length	mm	1300/1800/2800/3800/4800/5800/(7800 CW61xxxM)								
Max. workpiece weight	kg	6000(Opt: 8000 10000)								
Bed guideway width	mm	755								
Spindle										
Spindle nose		A2-15								
Spindle bore	mm	Φ130								
Chuck size	mm	Φ1000		Φ1000		Φ1250		Φ1600		
Taper of spindle bore		Metric 140(1:20) (With No.6MT Reducing sleeve)								
Max. Spindle torque	Nm	10.5 kNm (22kW) Opt:12.5kNm (30 kW)								
Spindle speed ranges	rpm	3.15-315(21 Speeds) (Reversal 4.5 ~ 390 12Speeds)								
Spindle centre height	mm	500		625		700		800		
Spindle motor power	kW	22 Opt:30								
Tailstock										
Diameter of tailstock quill	mm	Φ160 (Max. workpiece weight 6T) ; Opt: Φ200 Max. workpiece weight 8T , Φ240 Max. workpiece weight 10T								
Travel of tailstock quill	mm	300								
Taper of tailstock quill	mm	Metric 80(With No.6MT Reducing sleeve) Opt:No.6 MT (Φ200&240)								
Feeds&Threads (metric screw ; *inch screw)										
Longitudinal feed	mm/r	0.1~12 (56 Kinds) ; * 0.0032 ~ 0.40 in/rpm (56 Kinds)								
Cross feed	mm/r	0.05~6 (56 Kinds) ; * 0.0016 ~ 0.20 in/rpm (56 Kinds)								
Metric threads	mm	1~120 (52 Kinds) ; * 1~120 (52 Kinds)								
Modular threads	mm	0.5~60 (46 Kinds) ; * 0.5~60 (46 Kinds)								
Inch threads	TPI	1/4~30 (43 Kinds) ; * 1/4~30 (43 Kinds)								
Diametral pitch threads	DP	1/2~60 (49 Kinds) ; * 1/2~60 (49 Kinds)								
Tool post										
Tool shank size	mm	45×45								
Travel of top slide	mm	300								
Machine dimensions(L×W×H)	mm	4450×1855×1890(1500) 4950×1855×1890(2000) 5950×1855×1890(3000) 6950×1855×1890(4000) 7950×1855×1890(5000) 8950×1855×1890(6000) 10950×1855×1890(8000)	4450×1955×2015(1500) 4950×1955×2015(2000) 5950×1955×2015(3000) 6950×1955×2015(4000) 7950×1955×2015(5000) 8950×1955×2015(6000) 10950×1955×2015(8000)	4450×2010×2165(1500) 4950×2010×2165(2000) 5950×2010×2165(3000) 6950×2010×2165(4000) 7950×2010×2165(5000) 8950×2010×2165(6000) 10950×2010×2165(8000)	4450×2110×2355(1500) 4950×2110×2355(2000) 5950×2110×2355(3000) 6950×2110×2355(4000) 7950×2110×2355(5000) 8950×2110×2355(6000) 10950×2110×2355(8000)					
Machine weight	kg	9650/10100/11000/ 11900/12800/13700/15500	10650/11100/12000/ 12900/13800/14700/16500	11350/11800/12700/ 13600/14500/15400/17200	12050/12500/13400/ 14300/15200/16100/17900					

Especificações CW-M

