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## **"DMTG" SLANT BED CNC LATHE CL SERIES)**



### **FEATURES:**

- CNC SLANT BED LATHES WITH RIGID CAST-IRON STRUCTURE HARDENED(50-52HRC) AND GROUND GUARANTEE HIGH PRECISION AND STABILITY.
- THE MACHINE BED IS MADE OF HEAT STABILISED CAST-IRON.
- VARIOUS CONFIGURATION ARE AVAILABLE WITH SINDLES FROM ASA 5" TO ASA 15",POWER UP TO 30KW AND TUMING LENGTH UP TO 3000MM
- A WIDE RANGE OF OPTIONS AND ACCESSORIES ALLOW THE MACHINE TO BE HIGHLY CUSTOMISED FOR VERY ACCURATE AND RELIABLE MACHINING.

## SPECIFICATION

MODEL	CL15-250	CL15-330	CL15-250i	CL20	CL20i
<b>CAPACITY:</b>					
Max. swing over bed(mm)	400	400	400	440	440
Max. turning length (mm)	250	330	250	500	500
Max.turning dia (various shafts)mm	160	160	160	300	300
Max. turning dia (discs)(mm)	200	200	200	300	300
<b>SPINDLE:</b>					
Chuck Size	6"	6"	8"	8"	10"
Spindle nose	ISO A2-5	ISO A2-5	ISO A2-6	ISO A2-6	ISO A2-8
Spindle speed(r/min)	50-5000	50-5000	45-5000	45-4500	35-3500
Main spindle motor power(kw)	5.5/7.5	5.5/7.5	5.5/7.5	11/15	11/15
Dia.of spindle through hole(mm)	46	46	62	62	57
Max.Bar dia	32	32	52	52	75
Min. resolution	0.001	0.001	0.001	0.001	0.001
<b>TRAVEL AND FEED:</b>					
X/Z axis travel(mm)	120/260/330	120/260/330	120/260	165/510	165/510
Rapid traverse X and Z(m/min)	15/18	15/18	15/18	16/20	16/20
Cutting feed X &Z axis(mm/min)	0-5000	0-5000	0-5000	0-5000	0-5000
X/Z servo motor torque(NM)	8/8	8/8	8/8	8/12	8/12
Positioning precision of X/Z axis	0.016/0.020	0.016/0.020	0.016/0.020	0.016/0.020	0.016/ 0.020
Repetitive positioning precision of X/Zaxis	0.007/0.008	0.007/0.008	0.007/0.008	0.007/0.008	0.007/0.008
Differential of forward to reverse	0.006/0.010	0.006/0.010	0.006/0.010	0.006/0.010	0.006 /0.010
<b>TURRET</b>					
Turret type/No.of Station	8	8	8	8	8
Tool shank size(mm)	20x20	20x20	20x20	25x25	25x25
Indexing time(one step/full step)(s)	0.3/1.2	0.3/1.2	0.3/1.2	0.3/1.3	0.3/1.3
<b>TAIL STOCK:</b>					
Quill dia(mm)	60	60	60	80	80
Quill travel(mm)	80	80	80	130	130
Spindle taper	MT3	MT3	MT3	MT4	MT4
Max.tail stock travel(mm)	215	215	215	460	460
<b>OTHER:</b>					
NC System	Fanuc OiT	Fanuc OiT	Fanuc OiT	Fanuc OiT	Fanuc OiT
Inclining angle of bed guideway to horz.	60deg	60deg	60deg	45deg	45deg
Guideway of saddle side	Linear way	Linear way	Linear way	Linear way	Linear way
<b>MACHINE SIZE:</b>					
M/c Length	2085x1555x1880	2085x1555x1880	2350x1555x1880	2760x1495x1710	2760x1495x1710
Net Wg(kg)	2700	2700	2900	4800	4800
Gr Wg.(kg)	3200	3200	3400	5300	5300

### STANDARD ACCESSORIES:

- FANUC Oi TC CONTROL
- AC SPINDLE DRIVE
- 8 STAT Bi-DIRECTIONAL TRAVERSE
- HYDRAULIC CHUCK WITH CYLINDER
- CENTRALISED LUBRICATION SYSTEM
- HYDRAULIC TAIL STOCK
- LINEAR MOTION GUIDEWAYS
- 4 NOS. BORING BAR HOLDER
- 2 NOS. FACING TOOL HOLDER
- COOLANT SYSTEM