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"DMTG" CNC LATHE (DL)



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 SPINDLES FROM ASA 5" TO ASA 15", POWER UP TO 30KW AND TURNING 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	DL15	DL20-540	DL20-1000	DL20M-600	DL20M-1000	DL25-540	DL25-1000
CAPACITY:							
Max. swing over bed(mm)	470	460	460	440	440	520	520
Max. turning length (mm)	290	540	1000	600	1000	540	1000
Max.turning dia (various shafts)mm	210	260	260	260	260	310	310
Max. turning dia (discs)(mm)	250	380	380	400	400	420	420
SPINDLE:							
Chuck Size	6"	8"	8"	8"	8"	10"	10"
Spindle nose	ISO A2-5	ISO A2-6	ISO A2-6	ISO A2-6	ISO A2-6	ISO A2-8	ISO A2-8
Spindle speed(r/min)	60-6000	40-4000	40-4000	45-4500	45-4500	35-3500	35-3500
Main spindle motor power(kw)	5.5/7.5	11/15	11/15	11/15	11/15	15/18	15/18
Dia.of spindle through hole(mm)	57	70	70	76	76	87	87
Max.Bar dia	45	50	50	65	65	75	75
Min. resolution	0.001	0.001	0.001	0.001	0.001	0.001	0.001
TRAVER AND FEED:							
X/Z axis traver(mm)	160/320	220/560	220/1040	220/700	265/1040	260/550	260/1000
Rapid traverse X and Z(m/min)	24/24	12/16	12/16	16/20	16/20	12/16	12/16
Cutting feed X & Z axis(mm/min)	0-5000	0-5000	0-5000	0-5000	0-5000	0-5000	0-5000
X/Z servo motor torque(NM)	8/8	12/12	12/12	12/12	12/12	12/12	12/12
Positioning precision of X/Z axis	0.016/0.020	0.016/0.025	0.016/0.025	0.016/0.025	0.016/0.025	0.016/0.025	0.016/0.025
Repetitive posioning precision of X/Zaxis	0.007/0.008	0.007/0.010	0.007/0.010	0.007/0.010	0.007/0.010	0.007/0.010	0.007/0.010
Differential of forward to reverse	0.006/0.010	0.006/0.012	0.006/0.012	0.006/0.012	0.006/0.012	0.006/0.012	0.006/0.012
TURRET							
Turret type/No.of Station	10	12	12	12	12	12	12
Tool shank size(mm)	20x20	25x25	25x25	25x25	25x25	25x25	25x25
Indexing time(one step/full step)(s)	0.35/1.2	0.3/1.3	0.3/1.3	0.3/1.3	0.3/1.3	0.3/1.3	0.3/1.3
TAIL STOCK:							
Quill dia(mm)	70	100	100	85	85	100	100
Quill traver(mm)	80	120	120	139	139	120	120
Spindle taper	MT4	MT4	MT4	MT5	MT5	MT4	MT4
Max.tail stock traver(mm)	250	490	490	490	490	490	490
OTHER:							
NC System	Fanuc OiT	Fanuc OiT	Fanuc OiT	Fanuc OiT	Fanuc OiT	Fanuc OiT	Fanuc OiT
Incling angle of bed guideway to horz	45deg	60deg	60deg	45deg	45deg	60deg	60deg
Guideway of saddle side	Linearway	Linearway	Linearway	Linearway	Linearway	Linearay	Linearway
MACHINE SIZE:							
M/c Length	2100x1575	2858x1420x1800	3560x1540x1940	3270x1805x1760	3500x1797x1795	2990x1540x2305	3560x1540x2305
Net Wg(kg)	2700	4800	5500	4000	5500	4000	4800
Gr Wg.(kg)	2800	5500	6500	4500	6500	4800	5500

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