



DOUBLE COLUMN TYPE SU

DC SERIES

Cross Slideways: Flat-Dovetail Type Gibbed Ways
 Longitudinal Slideways: Vee-Flat Ways
 Longitudinal: Hydraulic

Cross: Automatic
 Vertical: Rapid Up / Down
 Auto Down Feed: AD1 standard

- Straightness of table movement in longitudinal direction 0.02mm/m.
- Straightness of table movement in transverse direction 0.02mm/m.
- Vertical travel of wheelhead square with table in transverse plane 0.01mm/100mm.



Specification	Models	DC-4047	DC-4059	DC-4086	DC-40118	DC-40158	DC-40196	DC-40236	DC-4786
Max. cross x longitudinal travels		1200x1350mm 47.2'x53.1"	1200x1650mm 47.2'x64.9"	1200x2350mm 47.2'x92.5"	1200x3150mm 47.2'x124"	1200x4150mm 47.2'x163.3"	1200x5150mm 47.2'x202.7"	1200x6150mm 47.2'x242.1"	1400x2350mm 55.1'x92.5"
Wheel bottom to table (Vertical head)		0-500(120-670)mm / 0-19.6"(4.7-26.3")			0-550(180-730)mm / 0-21.6"(7-28.7")				0-500(120-670)mm 0-19.6"(4.7-26.3")
Cross rail bottom to table-horizontal head		600(850)mm / 23.6"(33.4")							
Grinding surface of table		1000x1200mm 39.3'x47.2"	1000x1500mm 39.3'x59"	1000x2200mm 39.3'x86.6"	1000x3000mm 39.3'x118.1"	1000x4000mm 39.3'x157.4"	1000x5000mm 39.3'x196.8"	1000x6000mm 39.3'x236.2"	1200x2200mm 47.2'x86.6"
Hydraulic table speed (60Hz)		2-25(0.5-25)m/min / 80-1000(20-1000)inch/min							
Hydraulic motor		5.6KW / 7.5HP		7.5KW / 10HP	5.6KW / 7.5HPx1 3.7KW / 5HPx1		5.6KWx2 / 7.5HPx2		7.5KW / 10HP
Clearance between the columns		1200mm / 47.2"							1400mm / 55.1"
Intermittent cross feed (Electro-Mechanical) approx.		0.1-35mm/feed / 0.1-1.4inch/feed							
Continuous cross feed (Electro-Mechanical) approx.		3mm/min / 120inch/min							
1 revolution on cross handwheel		10mm / 0.2"							
1 division on cross handwheel		0.05mm / 0.001"							
Rapid vertical traverse (approx.) (50Hz)		240mm/min / 9.4inch/min							
1 revolution on vertical handwheel		0.25mm / 0.01"							
1 division on vertical handwheel		0.002mm / 0.0001"							
Wheel dimension (O.DxWxI.D)-Standard		500x100x203.2mm / 20"x4"x8"							
Max. height from table top to bottom of standard wheel		600mm / 23.6"							
Horizontal head Spindle motor		11(15, 18.5)KW / 15(20, 25)HP							
Vertical head Spindle motor		7.5KW / 10HP							
Wheel speed 50 / 60Hz		1500/1800 r.p.m. (1000/1200 r.p.m.)							
Net weight of machine		10500kg/23100lbs	13000kg/28600lbs	17000kg/37400lbs	32000kg/70400lbs	36500kg/80300lbs	44000kg/96900lbs	44500kg/97900lbs	18100kg/39820lbs
Gross weight of machine		13500kg/29700lbs	16000kg/35200lbs	21000kg/46200lbs	36000kg/79200lbs	41000kg/90200lbs	45000kg/99000lbs	49500kg/108900lbs	22000kg/48400lbs
Machine dimension (LxWxH)		4.3x2.9x3.4m 14.3x9.6x11.3ft	5.4x2.9x3.4m 18x9.6x11.3ft	6.6x2.9x3.4m 22x9.6x11.3ft	8.4x2.9x3.5m 28x9.6x11.6ft	11.2x2.9x3.5m 37.3x9.6x11.6ft	13.4x2.9x3.5m 44.6x9.6x11.6ft	15.6x2.9x3.5m 52x9.6x11.6ft	6.6x2.9x3.4m 22x9.6x11.3ft