



MODEL	UNIT	SDV-3229VH	SDV-3234VH	SDV-4224VH	SDV-4229VH	SDV-4234VH	SDV-4239VH	SDV-4244VH	SDV-5229VH	SDV-5234VH	SDV-5239VH	SDV-5244VH	SDV-6229VH	SDV-6234VH	SDV-6239VH	SDV-6244VH	
Travel																	
X axis mm (inch)	mm (inch)	3200 (126)				4200 (165)				5200 (205)				6200 (244)			
Y axis mm (inch)	mm (inch)	2900 (114)	3400 (134)	2400 (94)	2900 (114)	3400 (134)	3900 (154)	4400 (173)	2900 (114)	3400 (134)	3900 (154)	4400 (173)	2900 (114)	3400 (134)	3900 (154)	4400 (173)	
Z axis mm (inch)	mm (inch)	760 (30) / 1000 (39) / 1200 (47) / 1400 (55)				760 (30) / 1000 (39) / 1200 (47) / 1400 (55)				760 (30) / 1000 (39) / 1200 (47) / 1400 (55)				760 (30) / 1000 (39) / 1200 (47) / 1400 (55)			
Table																	
Table size mm (inch)	mm (inch)	3000x2200 (118x87)	3000x2700 (118x106)	4000x1700 (157x67)	4000x2200 (157x87)	4000x2700 (157x106)	4000x3200 (157x126)	4000x3700 (157x146)	5000x2200 (197x87)	5000x2700 (197x106)	5000x3200 (197x126)	5000x3700 (197x146)	6000x2200 (236x87)	6000x2700 (236x106)	6000x3200 (236x126)	6000x3700 (236x146)	
Max. table loading kg (lbs)	kgs (lbs)	10000 (22000)	12500 (27500)	12000 (26400)	15000 (33000)	17000 (37400)	19000 (41800)	21000 (46200)	17500 (38500)	20000 (44000)	22500 (49500)	25000 (55000)	25000 (55000)	27500 (60500)	30000 (66000)	32500 (71500)	
Distance between two columns	mm (inch)	2500 (98)	3000 (118)	2000 (79)	2500 (98)	3000 (118)	3500 (138)	4000 (157)	2500 (98)	3000 (118)	3500 (138)	4000 (157)	2500 (98)	3000 (118)	3500 (138)	4000 (157)	
DISTANCE FROM SPINDLE NOSE TO TABLE	mm (inch)	V – 250 – 1010 (9–40) / 250 – 1250 (10–49) / 250 – 1450 (10–57) / 250 – 1650 (10–65) H – 280 – 1040 (9–40) / 280 – 1280 (10–49) / 280 – 1480 (10–57) / 280 – 1680 (10–65)				V – 250 – 1010 (9–40) / 250 – 1250 (10–49) / 250 – 1450 (10–57) / 250 – 1650 (10–65) H – 280 – 1040 (9–40) / 280 – 1280 (10–49) / 280 – 1480 (10–57) / 280 – 1680 (10–65)				V – 250 – 1010 (9–40) / 250 – 1250 (10–49) / 250 – 1450 (10–57) / 250 – 1650 (10–65) H – 280 – 1040 (9–40) / 280 – 1280 (10–49) / 280 – 1480 (10–57) / 280 – 1680 (10–65)				V – 250 – 1010 (9–40) / 250 – 1250 (10–49) / 250 – 1450 (10–57) / 250 – 1650 (10–65) H – 280 – 1040 (9–40) / 280 – 1280 (10–49) / 280 – 1480 (10–57) / 280 – 1680 (10–65)			
Spindle																	
SPINDLE TAPER · TOOL SHANK		ISO NO.50 BT-50 · CAT-50 · DIN 69871								ISO NO.50 BT-50 · CAT-50 · DIN 69871							
SPINDLE SPEED RANGE	rpm	3000 (5000) rpm								3000 (5000) rpm							
MAIN MOTOR OUTPUT (30MIN RATING/CONT)	HP	35 / 30								35 / 30							
Feed Rate																	
RAPID TRAVERSE RATE X,Y AXIS	mm (inch)/min	12000 (472)				12000 (472) / 15000 (591)				10000 (394)				10000 (394)			
RAPID TRAVERSE RATE Z AXIS	mm (inch)/min	12000 (472) / 15000 (591)				12000 (472) / 15000 (591)				12000 (472) / 15000 (591)				12000 (472) / 15000 (591)			
CUTTING FEED RATE	mm (inch)/min	1 ~ 5000 (197) / 1 ~ 8000 (315)				1 ~ 5000 (197) / 1 ~ 8000 (315)				1 ~ 5000 (197) / 1 ~ 8000 (315)				1 ~ 5000 (197) / 1 ~ 8000 (315)			
Automatic tool changer (Opt.)																	
TOOL MAGAZINE CAPACITY	pcs	(20 / 32 / 40 / 60)				(20 / 32 / 40 / 60)				(20 / 32 / 40 / 60)				(20 / 32 / 40 / 60)			
TOOL CHANGE TIME (T-T) (APPROX)	secs	8 (4.5)				8 (4.5)				8 (4.5)				8 (4.5)			
POWER REQUIREMENT	Kva	40 (45)				45 (50)							50 (60)				
Machine size																	
FLOOR SPACE REQUIREMENT	mm (inch)	9400x6500 (370x256)	9400x7000 (370x276)	11400x6000 (449x236)	11400x6500 (449x256)	11400x7000 (449x276)	11400x7500 (449x295)	11400x8000 (449x315)	13800x6500 (543x256)	13800x7000 (543x276)	13800x7500 (449x295)	13800x8000 (449x315)	15800x6500 (622x256)	15800x7000 (622x276)	15800x7500 (622x295)	15800x8000 (622x315)	
MACHINE HEIGHT FROM FLOOR LEVEL	mm (inch)	4650 (65) / 4990 (196) / 5520 (217) / 6110 (241)				4650 (65) / 4990 (196) / 5520 (217) / 6110 (241)				4650 (65) / 4990 (196) / 5520 (217) / 6110 (241)				4650 (65) / 4990 (196) / 5520 (217) / 6110 (241)			
MACHINE WEIGHT (APPROX)	kgs (lbs)	31500 (69300)	34500 (75900)	33500 (73700)	34500 (75900)	38000 (83600)	39000 (85800)	40000 (88000)	41500 (91300)	45500 (100100)	50000 (110000)	55000 (121000)	45500 (100100)	50000 (110000)	55000 (121000)	60000 (132000)	

