

Item	NEW-LCX 500 立式车铣复合
X travel (saddle left / right)	1200 mm
Y travel (turning spindle back/forth)	600 mm
Z1 travel (swing head up/down)	700 mm
Z2 travel (turret up/down)	600 mm
Swing head travel range	$\pm 120^{\circ}$
Space available (non interpolation)	left/right 500mm, back/forth 500mm, up/down 400mm
Max. tool length when the workpiece is with max.size	150 mm
Turret	NDD3-12512S(500-25)-wf-T001
Turning spindle	Simuwu: A2-8L-300-2500rpm electrical spindle
Turning spindle power/torque (S1)	27.5 Kw / 260 Nm
Chuck	CL-12DP-A8
Max. turning diameter	500 mm
Swing head spec.	Simuwu: C40-HSK-A63_BBT40
Max. speed of the swing head spindle	20000 rpm
Swing head spindle power/torque (S1)	15 Kw / 39.6 Nm
B axis torque of swing head (S1)	360 Nm
Swing head spindle nose to chuck nose when the head is vertical	566 mm
Swing head spindle center to chuck center when the head is vertical	Front: 300mm, back: 300mm
Swing head spindle center to chuck center when the head is vertical	Left: 850 mm, right: 350 mm
Swing head spindle nose to chuck center when the head is horizontal	In the leftmost position: 500 mm
Swing head spindle center to chuck nose when the head is horizontal	25 mm to 725 mm
X roller guide way	3×45# + 9 carriages
Y roller guide way	2×45# + 6 carriages
Z1 roller guide way	2×45# + 6 carriages
Z2 roller guide way	2×45# + 6 carriages
X, Y, Z1, Z2 ballscrew spec.	X,Y: 5010 ; Z1, Z2: 4012
X, Y, Z1, Z2 rapid speed (M/min)	24
X, Y, Z1, Z2 drive	direct
X, Y, Z1, Z2 motor at least (Nm)	X:40, Y:40, Z1:30 with brake, Z2:30 with brake
Height of bed pad (mm)	80
Frame weight (Kg)	around 9500