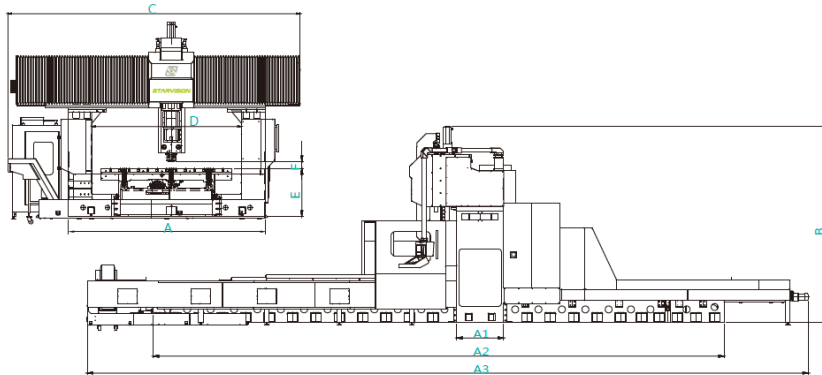


LS SERIES



Model	Unit	LS-4230 / 35	LS-5230 / 35	LS-6230 / 35	LS-8230 / 35	LS-10230 / 35
Travel						
X axis	mm	4,200	5,200	6,200	8,200	10,200
Y axis	mm	3,000 / 3,500				
Z axis	mm	1,000 (1,200 opt.)				
Spindle nose to table	mm	150 - 1,150 (150 - 1,350 opt.)				
Distance between columns (max. workpiece width)	mm	3,200 (3,150) / 3,700 (3,650)				
Table						
Table dimensions (L)	mm	4,000	5,000	6,000	8,000	10,000
Table dimensions (W)	mm	2,800 (3,500 opt.)				
T-slot (width x number x pitch)		28 x 13 x 200 (28 x 17 x 200 opt.)				
Max. table load	kg	20,000	24,000	28,000	32,000	40,000
Spindle						
Spindle motor (cont./30 minute rate)	kW	22 / 26 (30 / 37 opt.)				
Spindle speed (gear box)	rpm	6,000 (8,000 opt.)				
Spindle taper		BT-50 / ISO-50 / CAT-50				
Feed						
Rapid feed-rate (X/Y/Z)	m/min	10 / 10 / 12		8 / 10 / 12		
Cutting feed-rate	mm/min	7,000				
Accuracy						
Positioning accuracy	mm	± 0.005 / 300 ; ± 0.015 / full travel				
	mm	P0.045				
Repeatability	mm	±0.003				
	mm	P±0.03				
ATC						
Tool storage capacity	pcs	32T (40T / 60T / 90T / 120T-opt.)				
Max. tool length	mm	350				
Max. tool weight	kg	20				
Tool size (full tools)	mm	Ø 125				
Max. tool size (next pockets empty)	mm	Ø 245				
Other						
Power consumption	kVA	65				
Compressed air	kg/cm ²	6.5				
Machine weight (approx.)	tons	55 / 57	63 / 65	71 / 73	87 / 89	101 / 103
Machine floor space (L x W x H)(approx.)	m	13.8 x 7.3 / 7.8 x 5.4	15.8 x 7.3 / 7.8 x 5.4	17.3 x 7.3 / 7.8 x 5.4	21.7 x 7.3 / 7.8 x 5.4	26.1 x 7.3 / 7.8 x 5.4

※ All specification are subjected to change without prior notice.

Model	Unit	A	B	C	D	E	F	A1	A2	A3
LS-4230 (35/40/45)	mm	4,300 (4,800 / 5,300 / 5,800)	5,400	6,300 (6,800 / 7,300 / 7,800)	3,200 (3,700 / 4,200 / 4,700)	1,020	150	1,100	8,200	12,100
LS-5230 (35/40/45)	mm		5,400			1,020	150	1,100	10,200	14,100
LS-6230 (35/40/45)	mm		5,400			1,020	150	1,100	12,200	15,600
LS-8230 (35/40/45)	mm		5,400			1,020	150	1,100	16,200	20,000
LS-10230 (35/40/45)	mm		5,400			1,020	150	1,100	20,200	24,400

Model	Unit	LS-4240 / 45	LS-5240 / 45	LS-6240 / 45	LS-8240 / 45	LS-10240 / 45
Travel						
X axis	mm	4,200	5,200	6,200	8,200	10,200
Y axis	mm	4,000 / 4,500				
Z axis	mm	1,000 (1,200 / 1,500 opt.)				
Spindle nose to table	mm	150 - 1,150 (150 - 1,350 / 150 - 1,650 opt.)				
Distance between columns (max. workpiece width)	mm	4,200 (4,150) / 4,700 (4,650)				
Table						
Table dimensions (L)	mm	4,000	5,000	6,000	8,000	10,000
Table dimensions (W)	mm	2,800 (3,500 opt.)				
T-slot (width x number x pitch)		28 x 13 x 200 (28 x 17 x 200 opt.)				
Max. table load	kg	20,000	24,000	28,000	32,000	40,000
Spindle						
Spindle motor (cont./30 minute rate)	kW	22 / 26 (30 / 37-opt.)				
Spindle speed (gear box)	rpm	6,000 (8,000 opt.) (5,500 / Z Axis-1,500mm)				
Spindle taper		BT-50 / ISO-50 / CAT-50				
Feed						
Rapid feed-rate (X/Y/Z)	m/min	10 / 10 / 12		8 / 10 / 12		
Cutting feed-rate	mm/min	7,000		6,000		
Accuracy						
Positioning accuracy	mm	± 0.005 / 300 ; ± 0.015 / full travel				
	mm	P0.045				
Repeatability	mm	±0.003				
	mm	P±0.03				
ATC						
Tool storage capacity	pcs	32T (40T / 60T / 90T / 120T -opt.)				
Max. tool length	mm	350				
Max. tool weight	kg	20				
Tool size (full tools)	mm	Ø125				
Max. tool size (next pockets empty)	mm	Ø245				
Other						
Power consumption	kVA	65				
Compressed air	kg/cm²	6.5				
Machine weight (approx.)	tons	66 / 69	74 / 77	82 / 85	98 / 101	112 / 115
Machine floor space (L x W x H)(approx.)	m	13.8 x 8.3 / 8.8 x 5.4	15.8 x 8.3 / 8.8 x 5.4	17.3 x 8.3 / 8.8 x 5.4	21.7 x 8.3 / 8.8 x 5.4	26.1 x 8.3 / 8.8 x 5.4

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