

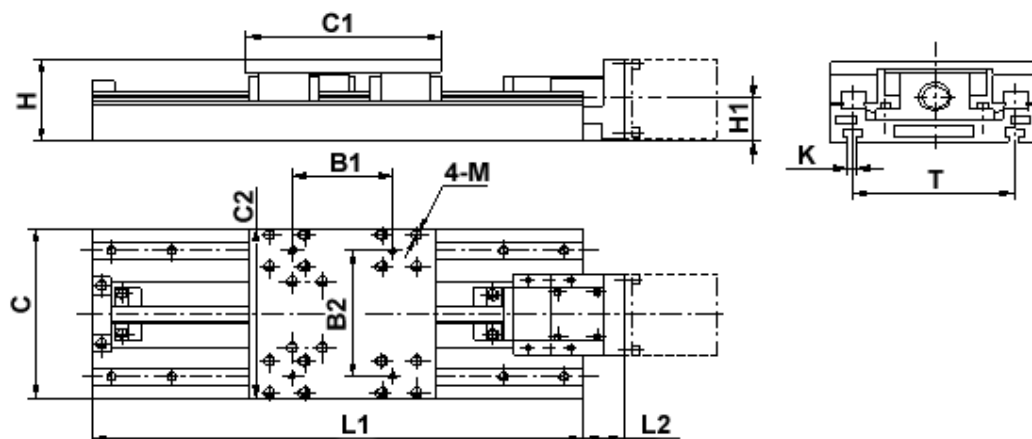
Precision Linear Worktable-Single Axis

1. Features

Precision linear worktable is consisted of linear guideway as guide supporting and ball screw as motion enforcing parts. It offers advantages such as high accuracy, high efficiency, long lifetime, less abrasion, saved energy and small friction coefficient, compact structure and wide application. It is widely used for measure, laser weld, laser cutting, gelatinization, boring, small type CNC machine tools, ray screener, carving & milling machine etc.

Properties		Model No.		
		LWT-SA-L (light load)	LWT-SA-S (standard load)	LWT-SA-H (heavy load)
Travel		50 to 300	50 to 600	100 to 1000
Dimension of the worktable		154x140	254x240	405x380
Lead of ballscrew		4, 5	5	5
Position Accuracy	P3	0.015	0.025	0.030
	P4	0.025	0.040	0.050
Repeatability	P3	±0.003	±0.004	±0.004
	P4	±0.005	±0.006	±0.007
Running Parallelism	P3	0.015	0.025	0.030
	P4	0.025	0.040	0.050
Straightness of linear guideway	P3	0.010	0.015	0.020
	P4	0.015	0.025	0.030

2. Dimensions



Linear Worktable

Unit: mm

Type	Model No.	Travel	Length		Block		Height		Table Dimension					
			L	L2	L1	C	H	H1	C1	C2	H2	B1	B2	M
Light Load	LWT-SA-L-50	50	388	75	200	150	70	36	140	154	12	80	116	M6
	LWT-SA-L-100	100	438	75	250	150	70	36	140	154	12	80	116	M6
	LWT-SA-L-150	150	488	75	300	150	70	36	140	154	12	80	116	M6
	LWT-SA-L-200	200	538	75	350	150	70	36	140	154	12	80	116	M6
	LWT-SA-L-250	250	588	75	400	150	70	36	140	154	12	80	116	M6
	LWT-SA-L-300	300	638	75	450	150	70	36	140	154	12	80	116	M6
Standard Load	LWT-SA-S-50	50	428	25	300	250	92	48	240	254	15	150	202	M8
	LWT-SA-S-100	100	478	25	350	250	92	48	240	254	15	150	202	M8
	LWT-SA-S-150	150	528	25	400	250	92	48	240	254	15	150	202	M8
	LWT-SA-S-200	200	578	25	450	250	92	48	240	254	15	150	202	M8
	LWT-SA-S-250	250	628	25	500	250	92	48	240	254	15	150	202	M8
	LWT-SA-S-300	300	678	25	550	250	92	48	240	254	15	150	202	M8
	LWT-SA-S-400	400	778	25	650	250	92	48	240	254	15	150	202	M8
	LWT-SA-S-450	450	728	25	700	250	92	48	240	254	15	150	202	M8
	LWT-SA-S-500	500	778	25	750	250	92	48	240	254	15	150	202	M8
	LWT-SA-S-550	550	828	25	800	250	92	48	240	254	15	150	202	M8
	LWT-SA-S-600	600	878	25	850	250	92	48	240	254	15	150	202	M8
Heavy Load	LWT-SA-H-100	100	692	34	500	400	120	65	380	405	20	260	330	M10
	LWT-SA-H-200	200	792	34	600	400	120	65	380	405	20	260	330	M10
	LWT-SA-H-300	300	892	34	700	400	120	65	380	405	20	260	330	M10
	LWT-SA-H-400	400	992	34	800	400	120	65	380	405	20	260	330	M10
	LWT-SA-H-500	500	1092	34	900	400	120	65	380	405	20	260	330	M10
	LWT-SA-H-600	600	1192	34	1000	400	120	65	380	405	20	260	330	M10
	LWT-SA-H-700	700	1292	34	1100	400	120	65	380	405	20	260	330	M10
	LWT-SA-H-800	800	1392	34	1200	400	120	65	380	405	20	260	330	M10
	LWT-SA-H-900	900	1492	34	1300	400	120	65	380	405	20	260	330	M10
	LWT-SA-H-1000	1000	1592	34	1400	400	120	65	380	405	20	260	330	M10

