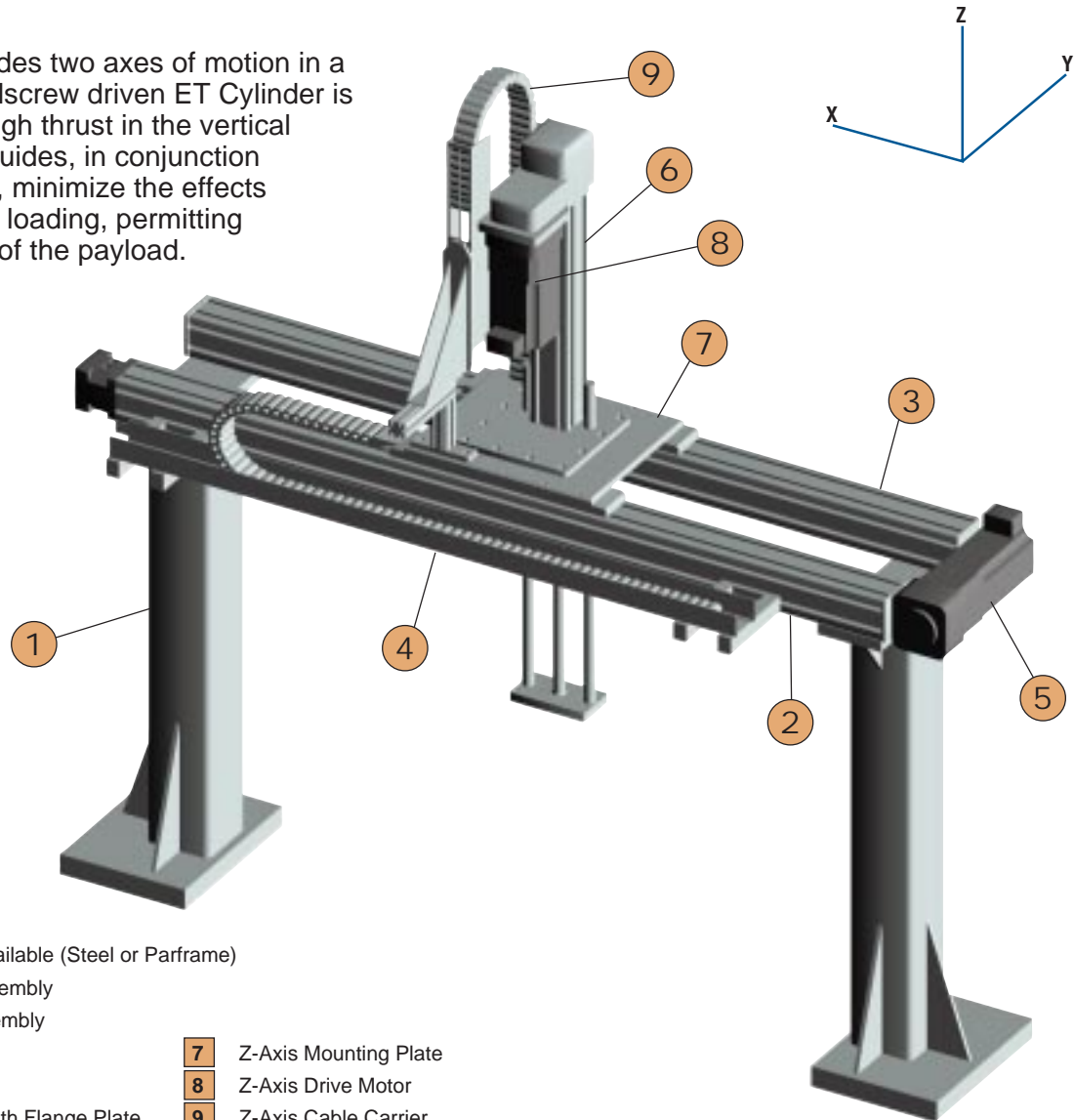


System Three

System Three provides two axes of motion in a vertical plane. A ballscrew driven ET Cylinder is utilized to provide high thrust in the vertical direction. ET Rod Guides, in conjunction with the dual X-axis, minimize the effects of moment and side loading, permitting higher acceleration of the payload.

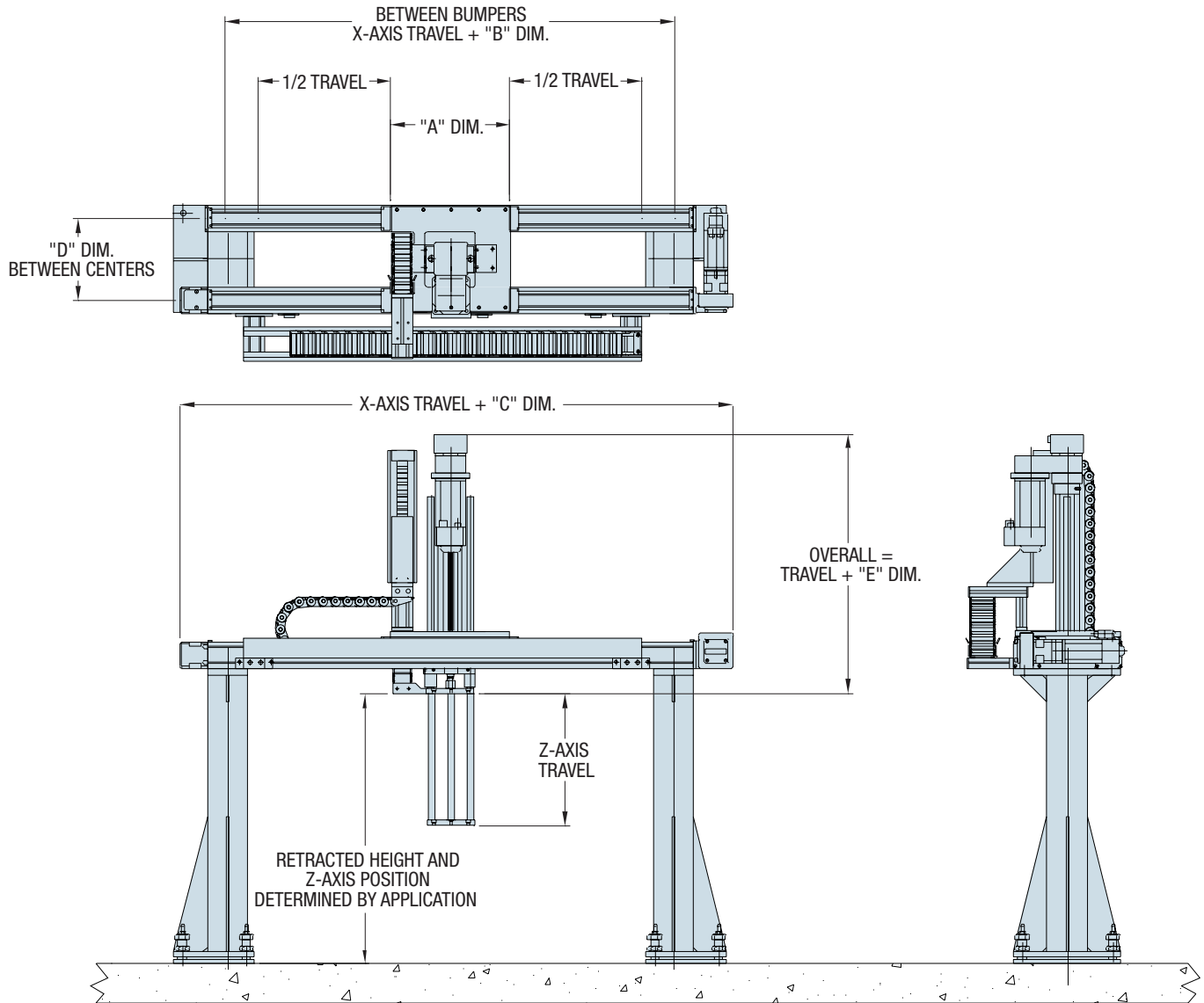


- 1** Support Structure Available (Steel or Parframe)
- 2** X-Axis Drive Rail Assembly
- 3** X-Axis Idler Rail Assembly
- 4** X-Axis Cable Carrier
- 5** X-Axis Drive Motor
- 6** ET Cylinder Z-Axis with Flange Plate
- 7** Z-Axis Mounting Plate
- 8** Z-Axis Drive Motor
- 9** Z-Axis Cable Carrier

Note: Loads, travels, and velocities shown are interdependent. Increased values are attainable.

Series No.	Axis Model Number			Load (kg)	Travel			Velocity		
	X-Axis	Y-Axis	Z-Axis		X-Axis (meters)	Y-Axis (meters)	Z-Axis (meters)	X-Axis (m/sec.)	Y-Axis (m/sec.)	Z-Axis (m/sec.)
1	HLE60RB	—	ETB32	10	2,9	—	0,3	1,5	—	0,5
2	HLE60RB	—	ETB50	20	2,9	—	0,5	1,5	—	0,8
3	HLE60SR	—	ETB32	10	2,8	—	0,3	1,5	—	0,5
4	HLE60SR	—	ETB50	20	2,8	—	0,5	1,5	—	0,8
5	HLE80RB	—	ETB50	35	5,1	—	0,5	2,0	—	0,8
6	HLE100RB	—	ETB50	40	6,0	—	0,5	2,0	—	0,8
7	HLE100RB	—	ETB80	50	6,0	—	1,0	2,0	—	0,5
8	HLE100SR	—	ETB50	40	6,0	—	0,5	2,0	—	0,5
9	HLE100SR	—	ETB80	50	6,0	—	1,0	2,0	—	0,5
10	HLE150RB	—	ETB80	75	8,9	—	1,0	2,5	—	0,5
11	HLE150RB	—	ETB100	100	8,9	—	1,0	2,5	—	1,0

System Three Dimensions



High Speed Automation

Series No.	System Three XX'-Z (Electric Cylinder)				
	"A" Dim. mm (in)	"B" Dim. mm (in)	"C" Dim. mm (in)	"D" Dim. mm (in)	"E" Dim. mm (in)
1	254,0 (10.00)	504,0 (19.84)	730,0 (28.74)	200,0 (7.87)	238,0 (9.37)
2	254,0 (10.00)	504,0 (19.84)	730,0 (28.74)	200,0 (7.87)	304,1 (11.97)
3	254,0 (10.00)	504,0 (19.84)	720,0 (28.35)	200,0 (7.87)	238,0 (9.37)
4	254,0 (10.00)	504,0 (19.84)	720,0 (28.35)	200,0 (7.87)	304,1 (11.97)
5	400,0 (15.75)	650,0 (25.59)	1014,0 (39.92)	250,0 (9.84)	304,1 (11.97)
6	450,0 (17.72)	700,0 (27.56)	1090,0 (42.91)	300,0 (11.81)	304,1 (11.97)
7	450,0 (17.72)	700,0 (27.56)	1090,0 (42.91)	300,0 (11.81)	321,9 (12.67)
8	450,0 (17.72)	700,0 (27.56)	1141,0 (44.92)	300,0 (11.81)	304,1 (11.97)
9	450,0 (17.72)	700,0 (27.56)	1141,0 (44.92)	300,0 (11.81)	321,9 (12.67)
10	500,0 (19.69)	750,0 (29.53)	1220,0 (48.03)	350,0 (13.78)	321,9 (12.67)
11	500,0 (19.69)	750,0 (29.53)	1220,0 (48.03)	350,0 (13.78)	494,0 (19.45)