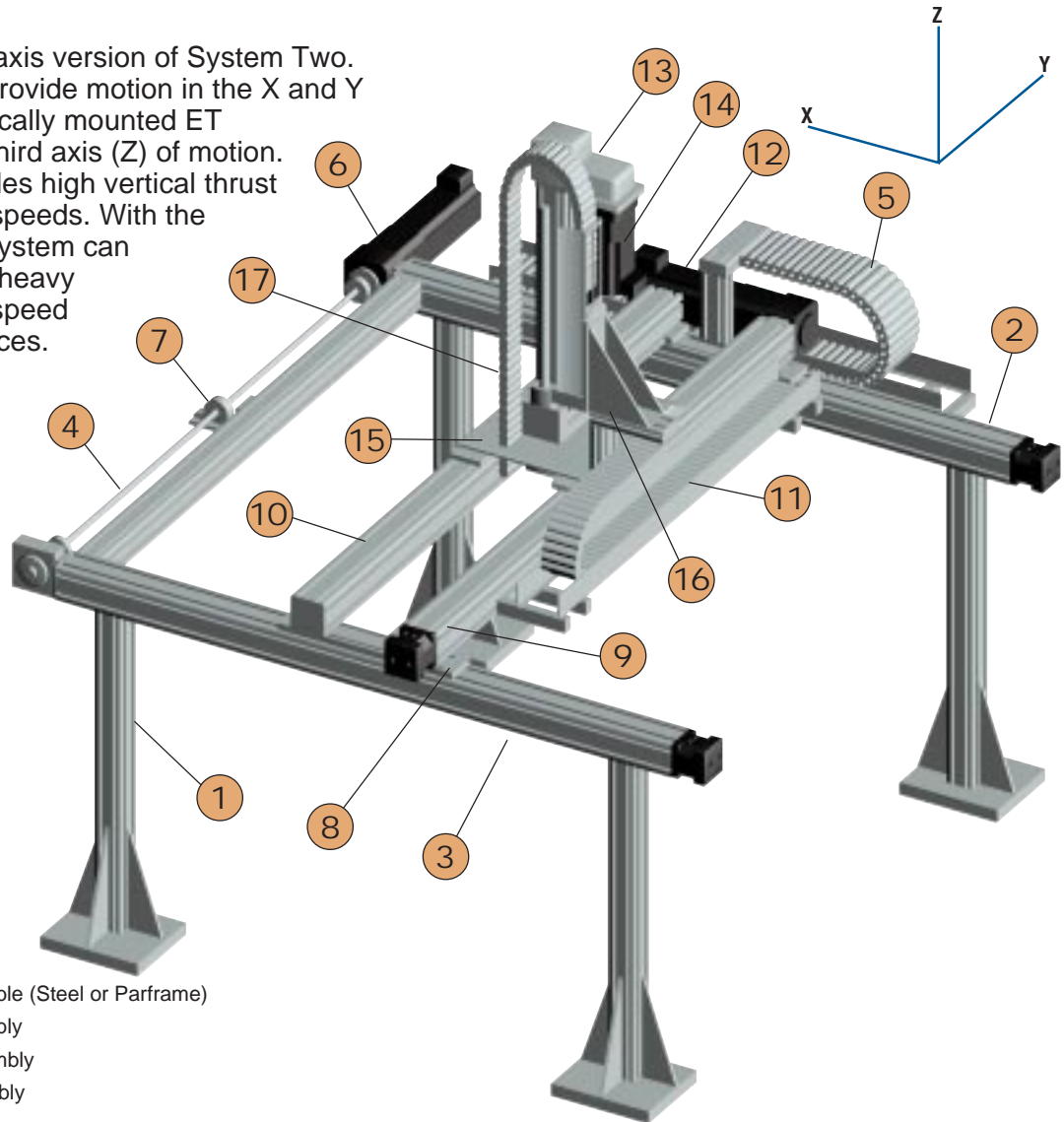


System Six

System Six is a three axis version of System Two. HLE Linear Modules provide motion in the X and Y directions while a vertically mounted ET cylinder provides the third axis (Z) of motion. The ET cylinder provides high vertical thrust capacity at moderate speeds. With the Z-axis retracted, this system can transport moderate to heavy loads at high rates of speed over long travel distances.

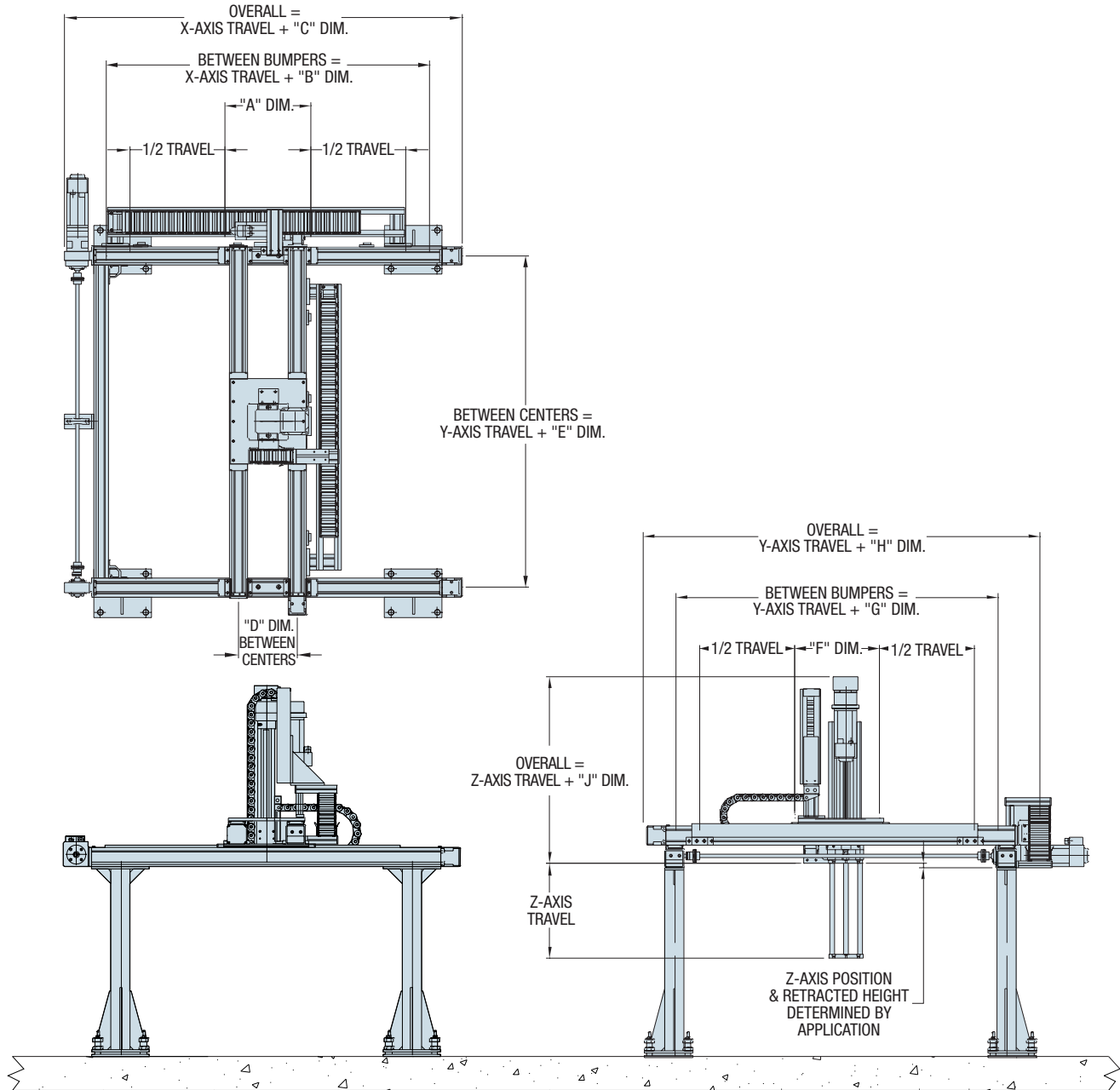


- | | | | | | |
|----------|---|-----------|-----------------------------|-----------|------------------------------------|
| 1 | Support Structure Available (Steel or Parframe) | 10 | Y-Axis Idler Rail Assembly | 14 | Z-Axis Drive Motor |
| 2 | X-Axis Drive Rail Assembly | 11 | Y-Axis Cable Carrier | 15 | Electric Cylinder Mounting Plate |
| 3 | X-Axis Driven Rail Assembly | 12 | Y-Axis Drive Motor | 16 | Electric Cylinder Mounting Bracket |
| 4 | X-Axis Link Shaft Assembly | 13 | Z-Axis ET Electric Cylinder | 17 | Z-Axis Cable Carrier |
| 5 | X-Axis Cable Carrier | | | | |
| 6 | X-Axis Drive Motor | | | | |
| 7 | Pillow Block Bearing Support (Based on Application) | | | | |
| 8 | Clamping Profile | | | | |
| 9 | Y-Axis Drive Rail Assembly | | | | |

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	HLE60RB	ETB32	10	2,9	1,0	0,3	1,0	1,5	0,5
2	HLE60RB	HLE60RB	ETB50	20	2,9	0,5	0,5	1,0	1,5	0,8
3	HLE60SR	HLE60SR	ETB32	10	2,8	1,0	0,3	1,0	1,5	0,5
4	HLE60SR	HLE60SR	ETB50	20	2,8	0,5	0,5	1,0	1,5	0,8
5	HLE80RB	HLE80RB	ETB50	35	5,1	1,0	0,5	2,0	2,0	0,8
6	HLE100RB	HLE100RB	ETB80	50	6,0	1,5	1,0	2,0	2,0	0,5
7	HLE100SR	HLE100SR	ETB80	50	6,0	1,4	1,0	2,0	2,0	0,5
8	HLE150RB	HLE150RB	ETB100	100	8,9	3,0	1,0	2,5	2,5	1,0

System Six Dimensions



High Speed Automation

Series No.	System Six XX'-YY'-Z (Electric Cylinder)								
	"A" Dim. mm (in)	"B" Dim. mm (in)	"C" Dim. mm (in)	"D" Dim. mm (in)	"E" Dim. mm (in)	"F" Dim. mm (in)	"G" Dim. mm (in)	"H" Dim. mm (in)	"J" Dim. mm (in)
1	254,0 (10.00)	379,0 (14.92)	730,0 (28.74)	169,8 (6.69)	481,8 (18.97)	254,0 (10.00)	379,0 (14.92)	730,0 (28.74)	238,0 (9.37)
2	254,0 (10.00)	379,0 (14.92)	730,0 (28.74)	169,8 (6.69)	481,8 (18.97)	254,0 (10.00)	379,0 (14.92)	730,0 (28.74)	304,1 (11.97)
3	254,0 (10.00)	379,0 (14.92)	719,6 (28.33)	169,8 (6.69)	481,8 (18.97)	254,0 (10.00)	379,0 (14.92)	719,6 (28.33)	238,0 (9.37)
4	254,0 (10.00)	379,0 (14.92)	719,6 (28.33)	169,8 (6.69)	481,8 (18.97)	254,0 (10.00)	379,0 (14.92)	719,6 (28.33)	304,1 (11.97)
5	400,0 (15.75)	650,0 (25.59)	1014,0 (39.92)	280,0 (0.02)	708,0 (27.87)	400,0 (15.75)	650,0 (25.59)	1014,0 (39.92)	304,1 (11.97)
6	450,0 (17.72)	700,0 (27.56)	1090,0 (42.91)	310,0 (12.21)	748,0 (29.45)	450,0 (17.72)	700,0 (27.56)	1090,0 (42.91)	321,9 (12.67)
7	450,0 (17.72)	700,0 (27.56)	1141,0 (44.92)	310,0 (12.21)	748,0 (29.45)	450,0 (17.72)	700,0 (27.56)	1141,0 (44.92)	321,9 (12.67)
8	500,0 (19.69)	750,0 (29.53)	1220,0 (48.03)	300,0 (11.81)	772,0 (30.39)	500,0 (19.69)	750,0 (29.53)	1220,0 (48.03)	494,0 (19.45)