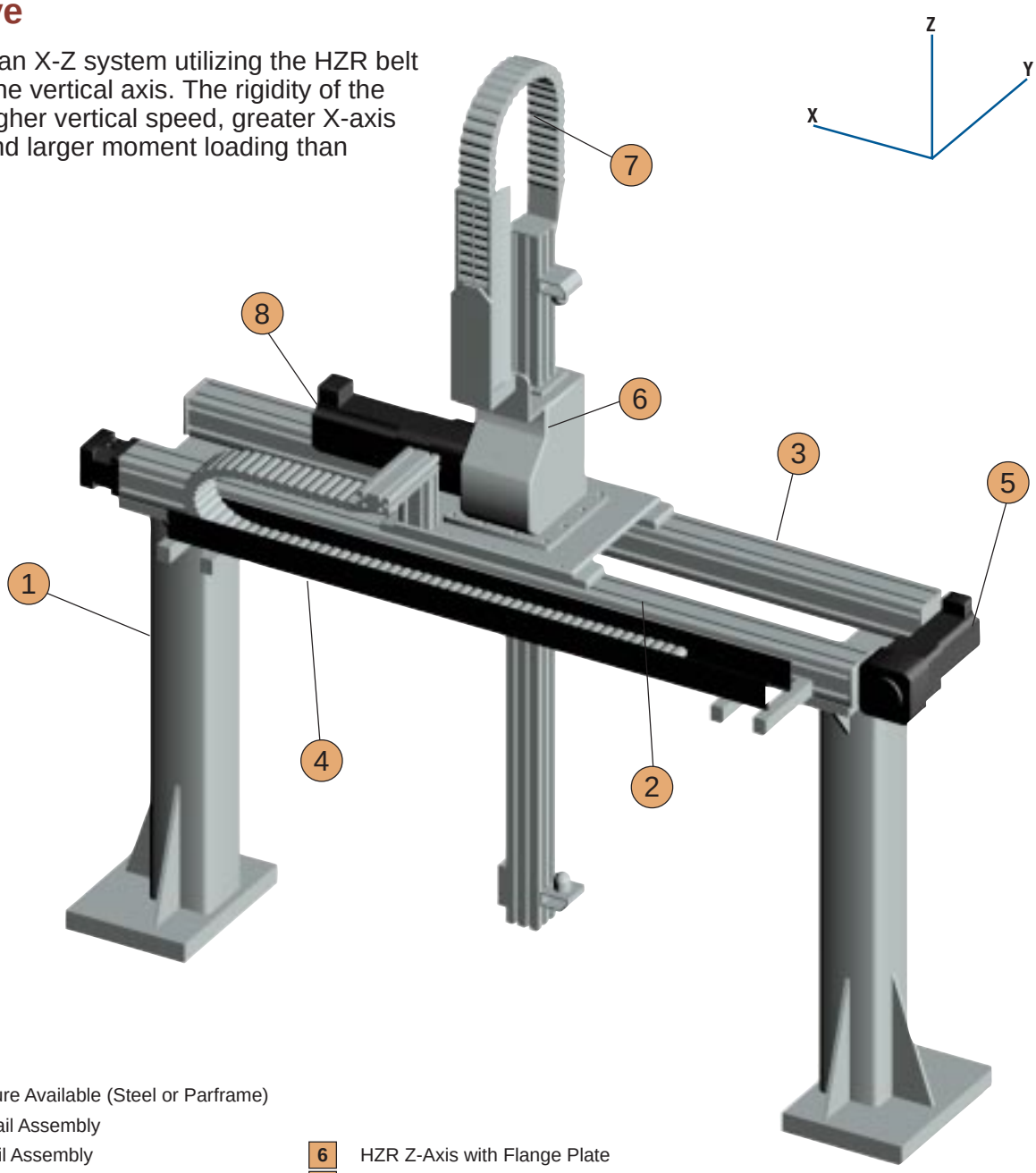
System Five

System Five is an X-Z system utilizing the HZR belt driven unit for the vertical axis. The rigidity of the HZR permits higher vertical speed, greater X-axis acceleration, and larger moment loading than System Three.

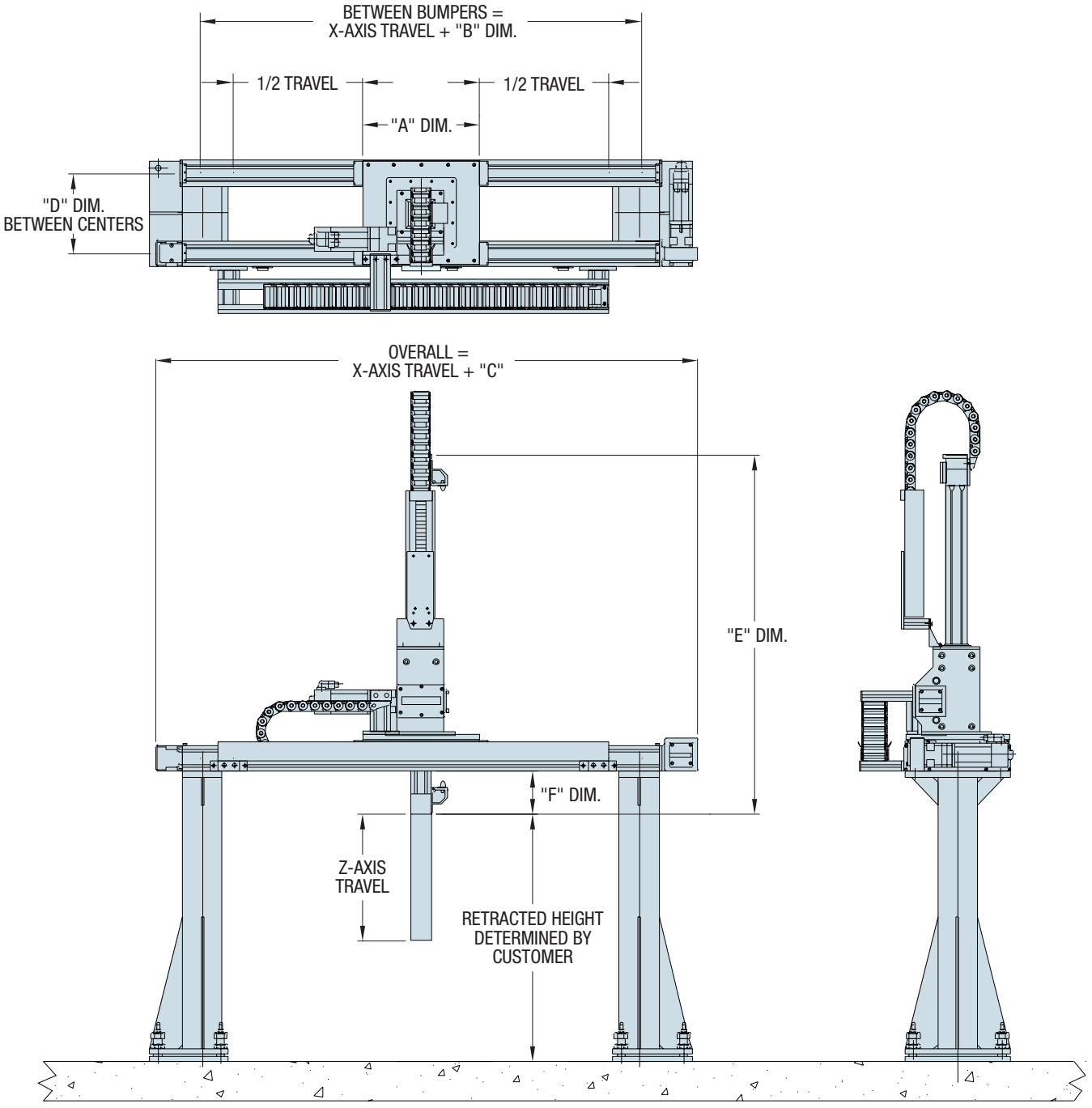


1. Support Structure Available (Steel or Parframe)
2. X-Axis Drive Rail Assembly
3. X-Axis Idler Rail Assembly
4. X-Axis Cable Carrier
5. X-Axis Drive Motor
6. HZR Z-Axis with Flange Plate
7. Z-Axis Cable Carrier
8. Z-Axis Drive Motor

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

Series No.	Axis Model Number			Load	Travel			Velocity		
	X-Axis	Y-Axis	Z-Axis	(kg)	X-Axis (meters)	Y-Axis (meters)	Z-Axis (meters)	X-Axis (m/sec.)	Y-Axis (m/sec.)	Z-Axis (m/sec.)
1	HLE100RB	—	HZR80	50	6,0	—	1,0	2,0	—	1,5
2	HLE100RB	—	HZR100	100	6,0	—	1,5	2,0	—	1,5
3	HLE100SR	—	HZR80	50	6,0	—	1,0	2,0	—	1,5
4	HLE100SR	—	HZR100	100	6,0	—	1,5	2,0	—	1,5
5	HLE150RB	—	HZR80	50	8,9	—	1,0	2,5	—	1,5
6	HLE150RB	—	HZR100	100	8,9	—	1,5	2,5	—	1,5

System Five Dimensions



Series No.	System Five XX'-Z (HZR)					
	"A" Dim. mm (in)	"B" Dim. mm (in)	"C" Dim. mm (in)	"D" Dim. mm (in)	"E" Dim. mm (in)	"F" Dim. mm (in)
1	450,0 (17.72)	700,0 (27.56)	1090,0 (42.91)	310,0 (12.21)	885,0 (34.84)	170,0 (6.69)
2	450,0 (17.72)	700,0 (27.56)	1090,0 (42.91)	360,0 (14.17)	1030,0 (40.55)	245,0 (9.65)
3	450,0 (17.72)	700,0 (27.56)	1141,0 (44.92)	310,0 (12.21)	885,0 (34.84)	170,0 (6.69)
4	450,0 (17.72)	700,0 (27.56)	1141,0 (44.92)	360,0 (14.17)	1030,0 (40.55)	245,0 (9.65)
5	500,0 (19.69)	750,0 (29.53)	1220,0 (48.03)	400,0 (15.75)	885,0 (34.84)	115,0 (4.53)
6	500,0 (19.69)	750,0 (29.53)	1220,0 (48.03)	400,0 (15.75)	1030,0 (40.55)	190,0 (7.48)