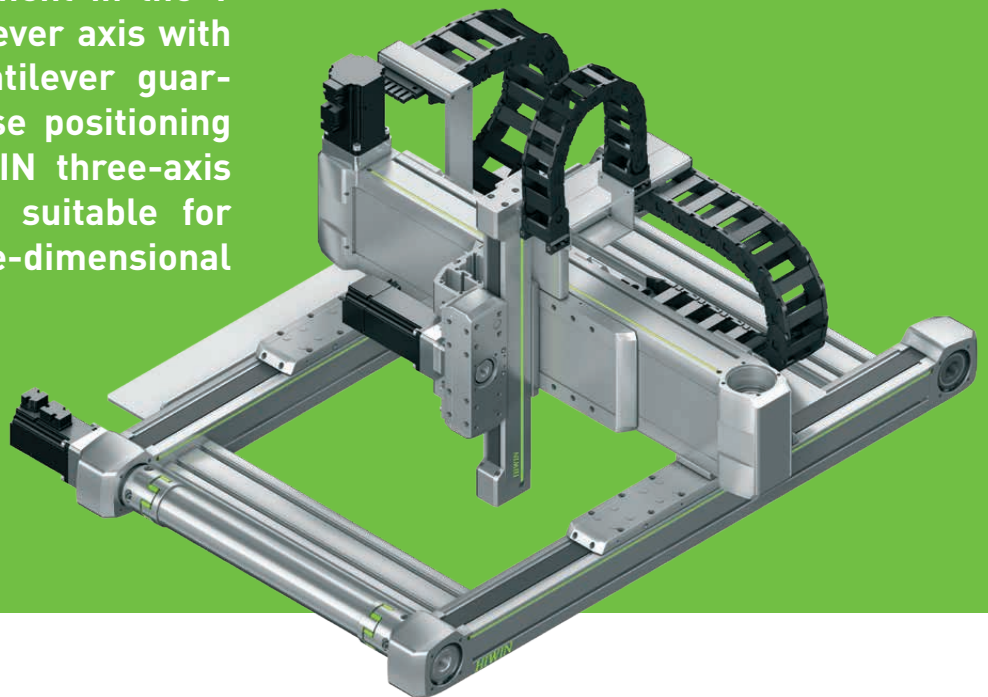


Three-Axis System HS3

The HIWIN three-axis system HS3 is a flexible unit for positioning in X, Y and Z directions. The base in the X-axis is built with a double axis HD. A linear table HT-B with toothed belt drive ensures dynamic movement in the Y direction. The HC cantilever axis with a particularly light cantilever guarantees quick and precise positioning in the Z direction. HIWIN three-axis systems are especially suitable for movement tasks in three-dimensional space.

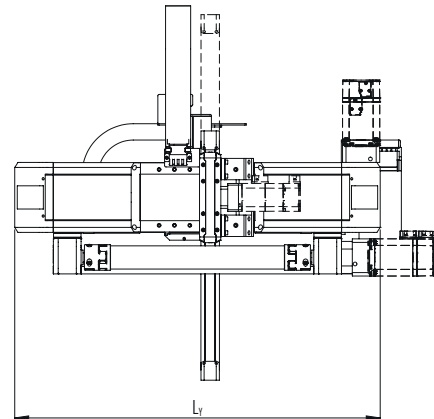
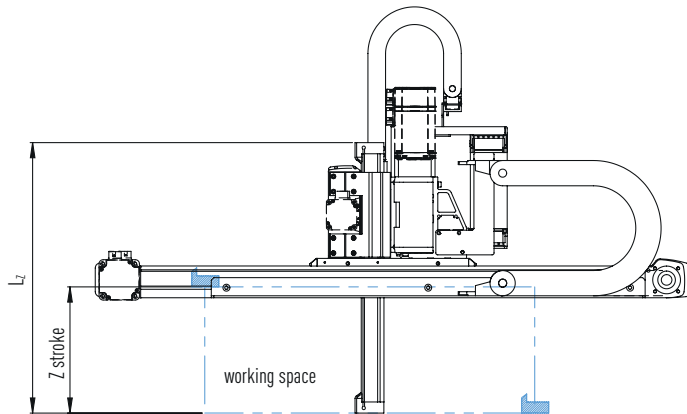


Overview of your advantages:

- Stroke in all three axes is selectable in millimetre steps
- Flexible connecting options for all typical motors
- Optional with energy chain in X, Y and Z direction
- Complete system is ready to install

Three-Axis System HS3

Drawing

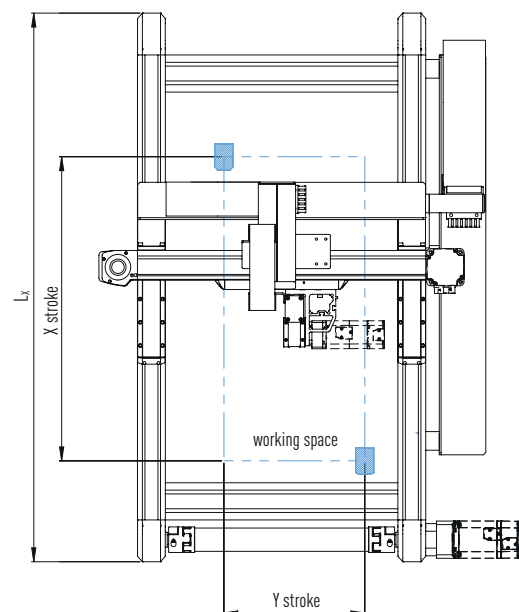


Dimensions

Size	Length L_x [mm]	Length L_y [mm]	Length L_z [mm]
HS31	X stroke + 399	Y stroke + 364	Z stroke + 190
HS32	X stroke + 526	Y stroke + 483	Z stroke + 286
HS33	X stroke + 667	Y stroke + 586	Z stroke + 364
HS34	X stroke + 964	Y stroke + 713	Z stroke + 426

Energy chain

Size	X axis	Y axis	Z axis
HS31	77 × 25	57 × 25	20 × 21
HS32	75 × 35	57 × 25	38 × 25
HS33	75 × 35	77 × 25	57 × 25
HS34	100 × 35	77 × 25	57 × 25



Technical data

Size	Axis type	Max. working space [mm]	Max. travel speed [m/s]	Typical load capacity [kg]
HS31	X: HD1 Y: HT100B Z: HC025B	X: 3,000 Y: 1,300 Z: 300	X: 3.0 Y: 5.0 Z: 3.0	2
HS32	X: HD2 Y: HT150B Z: HC040B	X: 5,000 Y: 1,650 Z: 500	X: 5.0 Y: 5.0 Z: 3.0	8
HS33	X: HD3 Y: HT200B Z: HC060B	X: 5,000 Y: 1,550 Z: 800	X: 5.0 Y: 5.0 Z: 5.0	16
HS34	X: HD4 Y: HT250B Z: HC080B	X: 5,000 Y: 1,400 Z: 1,200	X: 5.0 Y: 5.0 Z: 5.0	30