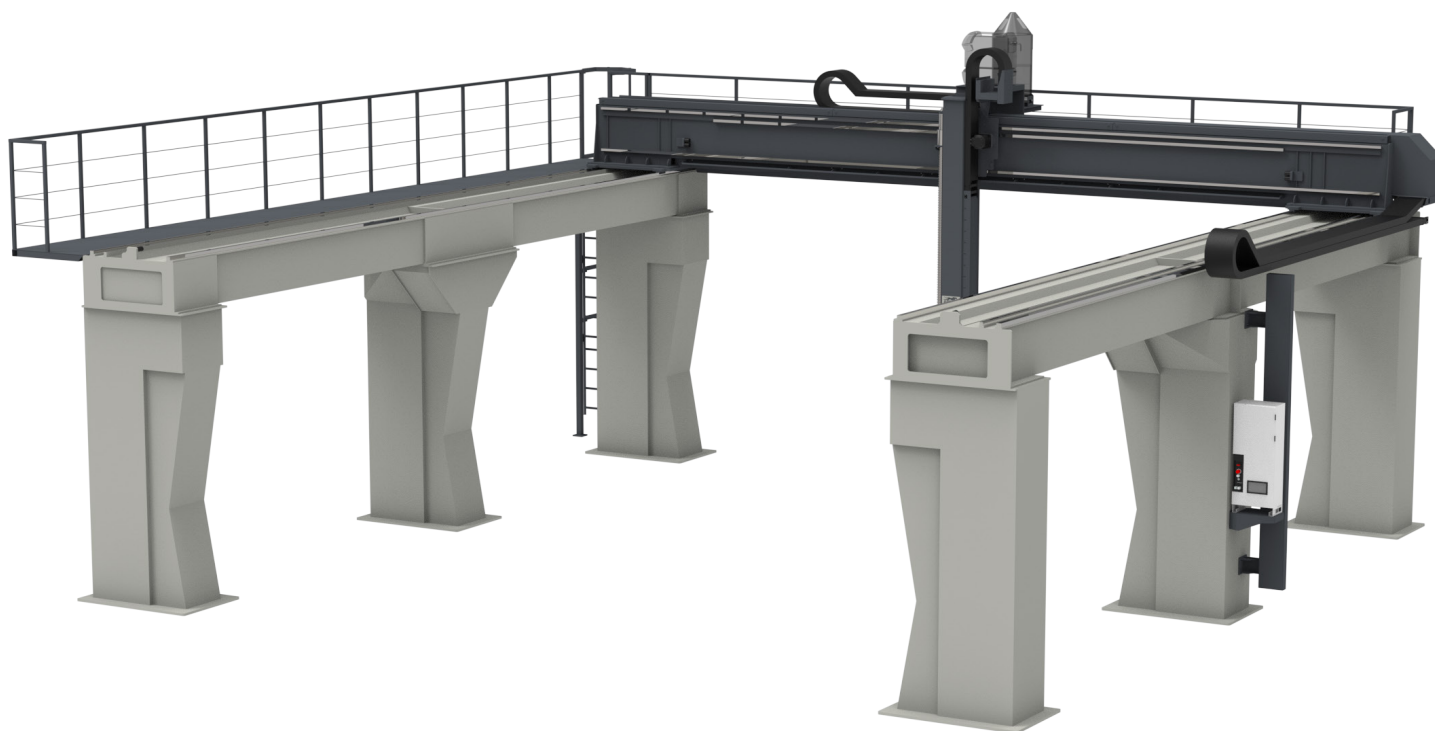




SGH-6 OVERHEAD BRIDGE GANTRY

AXES CONFIGURATIONS	X, XY, XYZ, XZ	XH6 - DUAL	XH6 - DUAL	XH6 - DUAL	XH6 - DUAL	XH6 - DUAL
X AXES	Max. payload	8.000 kg	8.000 kg	8.000 kg	8.000 kg	8.000 kg
	Acceleration Time	2 s	2 s	2 s	2 s	2 s
	X module lengths	Up to 6 m	Up to 6 m	Up to 6 m	Up to 6 m	Up to 6 m
	Stroke range	No Limit	No Limit	No Limit	No Limit	No Limit
	Repeatability	0.05 mm	0.05 mm	0.05 mm	0.05 mm	0.05 mm
	Max. speed	1 m/s	1 m/s	1 m/s	1 m/s	1 m/s
Y AXES		YB6	YB6	YB6	YB6	YB6
	Max. payload	4.000 kg	4.000 kg	4.000 kg	4.000 kg	4.000 kg
	Acceleration Time	2 s	2 s	2 s	2 s	2 s
	Max. stroke	16 m	12.5 m	11.5 m	8.5 m	7 m
	Max. speed	1 m/s	1 m/s	1 m/s	1 m/s	1 m/s
	Repeatability	0.05 mm	0.05 mm	0.05 mm	0.05 mm	0.05 mm
Z AXES		Z01	Z03	Z07	Z15	Z30
	Max. payload	150 kg	300 kg	700 kg	1.500 kg	3.000 kg
	Acceleration Time	1 s	1 s	1 s	2 s	2 s
	Max. stroke	4 m	3 m	3 m	3 m	3 m
	Max. speed	0,6 m/s	0,4 m/s	0.3 m/s	0.25 m/s	0.25 m/s
	Repeatability	0.05 mm	0.05 mm	0.05 mm	0.05 mm	0.05 mm
FLANGE HEIGHT	End flange height from the floor	Up to 6 m	Up to 5 m	Up to 5 m	Up to 4 m	Up to 4 m

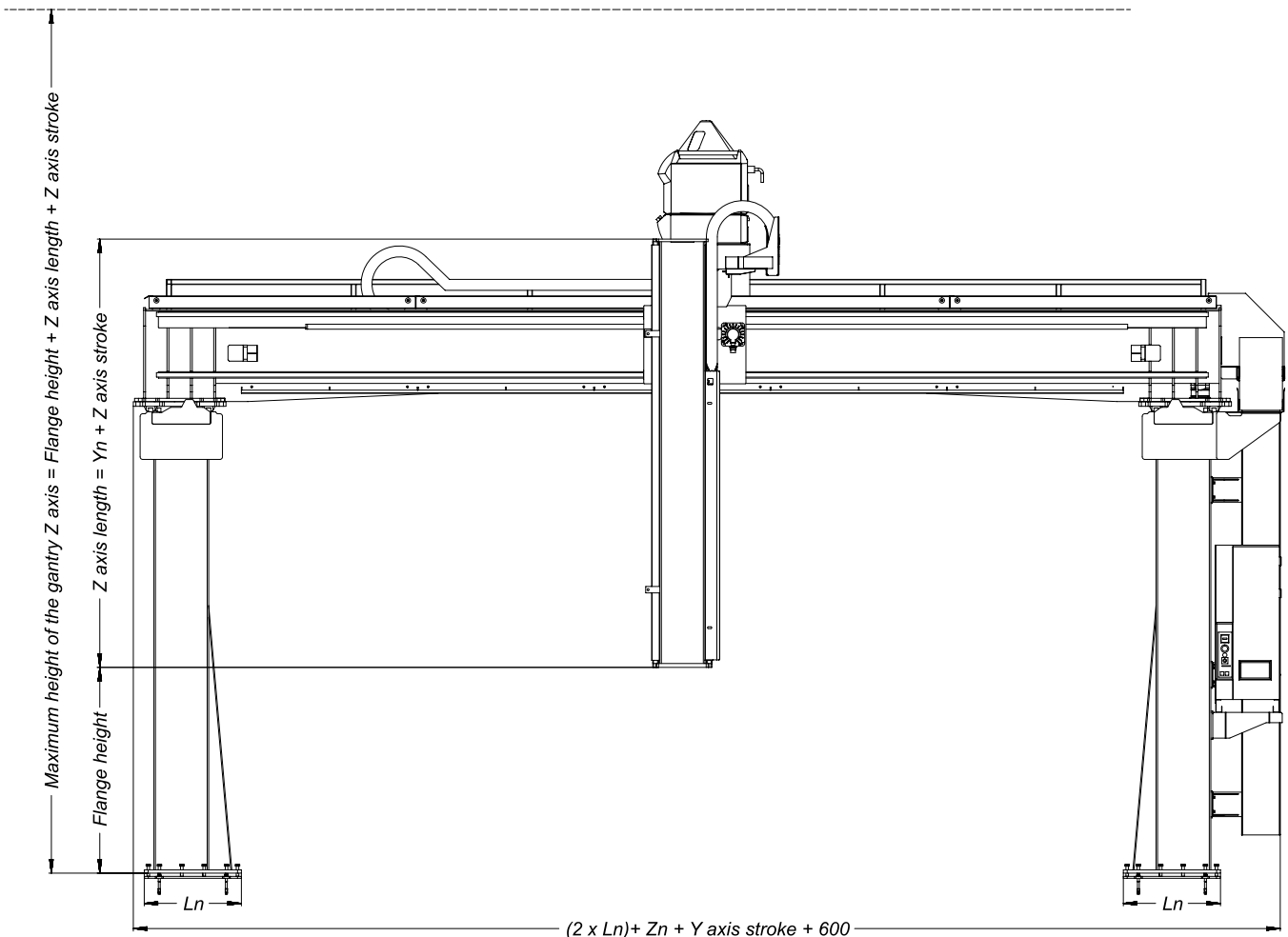
Technical data is subject to change without prior notice.

Specifications

- The SGH-6 family is a bridge gantry solution for smaller robots up to 3000 kg weight including end effector, on the 3-axis version.
 - The bridge gantry is designed to be used in applications where you need a long Y-stroke.
 - The gantry has new designed, low weight, high strength welded steel structure that make it possible to improve the performance drastically.
 - The design also makes it possible to manufacture this gantry to a low cost that will keep the price to customer low.
 - We are using state of art linear guiding systems and reduction gearboxes.
 - There is a wide working range
 - It's possible to use up to 3 robots on the same gantry system.
 - 1-3 axis options are available.
 - Wire barrel and welding unit carried on Y axis body.
- To reduce the max. height of the gantry, a Telescopic Z axis is optional.

Options

- INA, HIWIN, SCHNEEBERGER, REXROTH Linear Guiding Systems.
- Coated rollers, guideways and racks.
- Auto lubrication.
- Telescopic Z axes.
- Limit switch option.
- Zone switch.
- Enclosed cable chain.
- Robot integration.
- Welding package carriages.
- Standard Service platform (ladder with side barriers).
- Advanced service platform (stair with walking platforms).
- Robot Control Unit Carriage.
- Special color of paint.
- Z axes safety break.



Yn	Ln	Zn
YS2 800 mm	LH2 830 mm	Z01 700 mm
YS4 900 mm	LH4 880 mm	Z03 750 mm
YS6 1000 mm	LH6 930 mm	Z07 800 mm
YS10 1100 mm	LH10 1130 mm	Z15 850 mm
		Z30 900 mm

Please contact ADMEX in case the outer dimensions of the X-axis or XZ-axis gantries are required.

Technical data is subject to change without prior notice.