

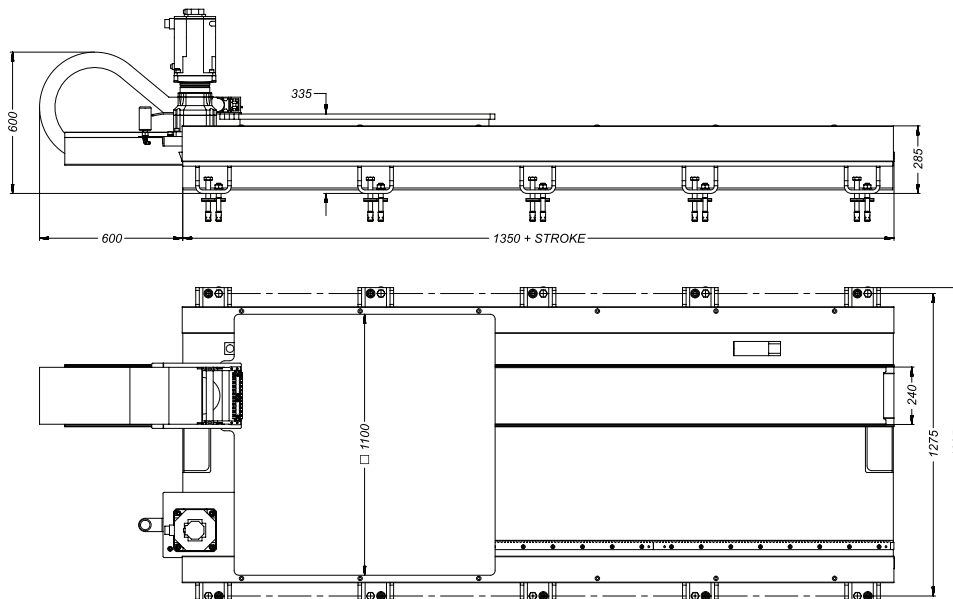
Specifications

The STL family's top range, for a total payload up to 6 tons. The structure is welded steel, similarly to the whole STL family. The modular construction makes it easily adaptable for various needs, to fit to the customer's specifications.

Available options:

- Double carriage,
- Automatic lubrication
- Ina, Rexroth, Schneeberger, Hiwin, THK brand guidance system.
- Extended carriage for carrying welding power source and wire barrel
- Closed or open cable chain

<u>Technical Data</u>		<u>Only Robot (Including Tool & Workpiece)</u>	<u>With Additional Static Load (Including Robot & Additional Equipment)</u>
Max. Payload	<i>(per carriage) kg</i>	4.000	6.000
Max. Speed	<i>m/min</i>	120	102
Max Acceleration	<i>m/s²</i>	2	1,9
Available stroke	<i>travel lenght</i>	From 2 m, in 1 m steps	
Total lenght		Stroke + 1350 mm	Stroke + 1350 mm
Robot Payload	<i>kg</i>	240-700	
Max. Robot Weight*	<i>kg</i>	2.000	
*Includes tool, workpiece, options			
Mounting position		Floor, Wall**, Ceiling, Elevated***	Floor, Wall**, Ceiling, Elevated***
**In case of wall mounting, maximum payload reduces to half			
***Ask for detailed information about it			
Repeatability	<i>mm</i>	± 0,01	± 0,01
Life	<i>million meter</i>	10	10



STL 6 - LOW TROLLEY (OPTIONAL)

