



Specifications

The STKN family's entry model, capable to carry up to 1000kg useful payload. Fully covered version of the STN family. The steel structure is covered with a walkable upper plating, protecting the tracks internal components from falling particles, or dripping fluids. Just as the STN family, the structure is modularly extendable to fit to the customer's specifications.

Available options:

- Double carriage,
- Automatic lubrication
- Ina, Bosch Rexroth, Schneeberger, Hiwin, Thk brand guidance system.
- Extended carriage for carrying welding power source and wire barrel
- Closed or open cable chain
- Cable chain mounting position (standard is middle): left/right

Technical Data		Only Robot (Including Tool & Workpiece)	With Additional Static Load (Including Robot & Additional Equipment)
Max. Payload	(per carriage) kg	400	1.000
Max. Speed	m/min	192	162
Max Acceleration	m/s ²	3	3
Available stroke	travel length	From 2 m, in 1 m steps	
Total length		Stroke + 600 mm	Stroke + 600 mm
Robot Payload	kg	3-20	
Max. Robot Weight*	kg	400	
*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	mm	± 0,01	± 0,01
Life	million meter	10	10

