



WT 2-LEVEL

Two-level shuttle table

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AREA OF APPLICATION

This shuttle table unit permits the two-level processing (one above the other) of parts on two support platforms, which move back and forth. This offers both continuous operation and short cycle times. The table unit consists of a robust chassis section (fitted with adjustable levelling feet), with floor-anchoring points and two moveable aluminium tables with attachment holes for securing the workpiece support or the workpiece itself.

This system permits a strict demarcation between the robot operating zone and the machine insertion area, as stipulated by the "Sonderhoff-SAFETY" code of practice.

TECHNICAL SPECIFICATIONS

- Compressed air-driven table elements with end-position monitoring system
- Air consumption: 120 litre/min at approx. 6 bar

VARIANTS

Operating platforms in two levels. Dimensions of the upper and lower platform (length x width) in mm:

Dimensions of operating platform (AS) / operating surface (AF):

Length (L1)		Width (B1)	Length (L2)		Stroke (H)
AF	AS	AF/AS	AF	AS	
1600	2200	1000	1600	1700	1500
2100	2700	1000	2100	2200	1500
2400	3000	1000	2400	2500	1500

Dimensions of linear robot:

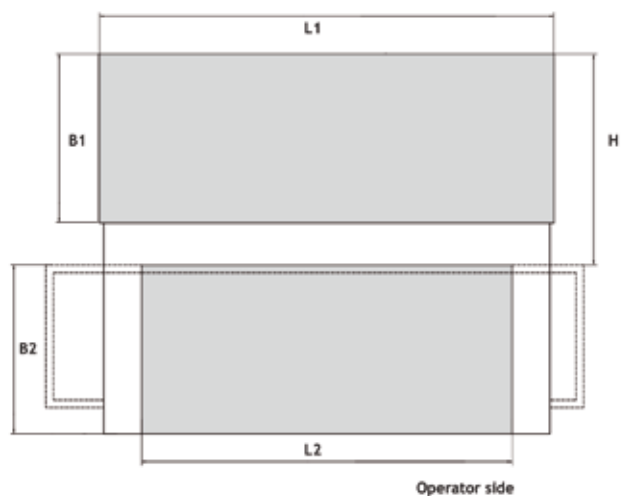
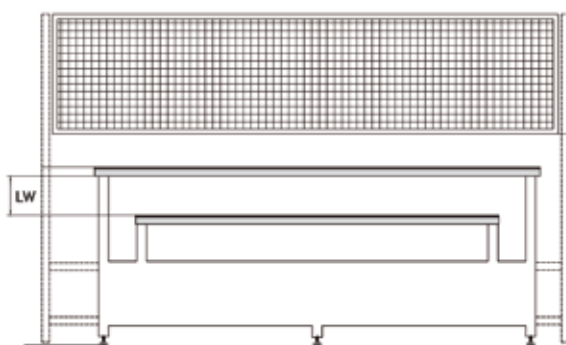
X - axis	Y - axis
2000	1000
2500	1000
3000	1000

Inner clearance (LW) between operating platforms of shuttle table unit:

Maximum height of component 50 mm with 300 mm Z-axis

Maximum height of component 150 mm with 500 mm Z-axis

Special configurations are available on request.



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