

Laser marking device is designed to center reeled track material (gum, textile, plate, plastic etc.). The device generates three laser beams in the shape of parallel lines, distance of whose can be in certain intervals regulated. The middle beam is fixed, the two at sides are mobile. Distance setting of the beams is possible through the serial interface PROFIBUS DP or through the manual terminal. The types produced differ in range of beams movement. The device is attached to the machine construction by two montage consoles.

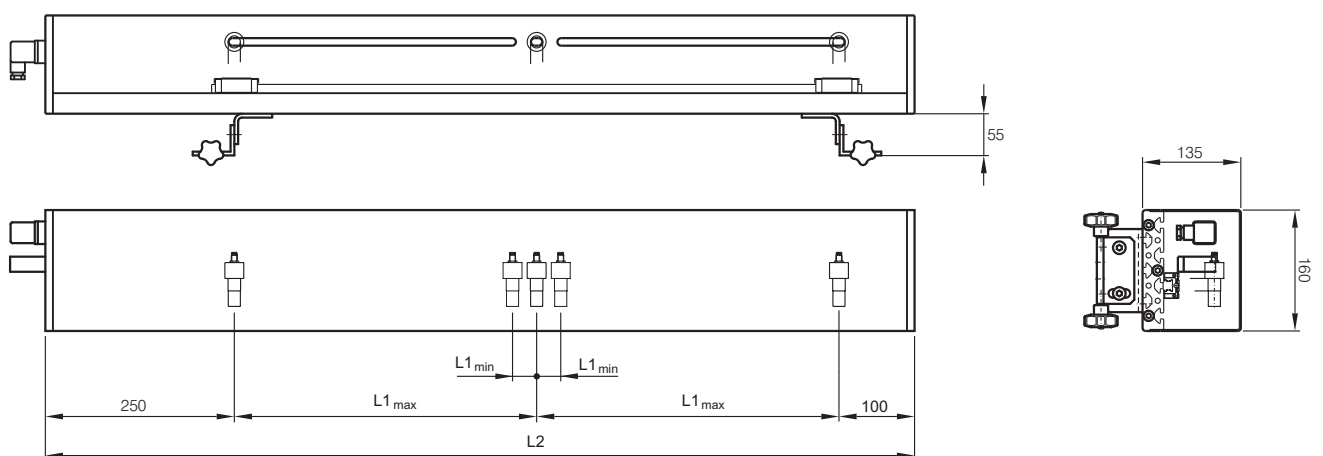


Technical parameters of the device:

- power supply: 24VDC±20%
- power consumption: max. 1.5 A
- accuracy of positioning: ±0.5 mm
- communicating interface: PROFIBUS DP
- maximal speed of movement: 150 mm/s
- protection: IP42
- minimal distance between the outer beams: 70 mm
- maximal distance between the outer beams: according to type 400, 800, 1100 a 1600 mm
- protection against reversing of polarity
- possibility to switch off the laser beams
- attachment mode and maximal dimensions according to the picture

Parameters of the laser beam:

- wave-length: 635 nm
- laser beam width: 1±1.5mm (to the distance 1.4 m)
- power of the laser LED: 3mW
- laser of the 2nd class according to IEC 825-1



	L1 _{min} (mm)	L1 _{max} (mm)	L2 (mm)	L3 (mm)
LZZ040R	35	200	750	220 ± 10
LZZ080R		400	1150	420 ± 10
LZZ110R		550	1450	570 ± 10
LZZ160R		800	1950	820 ± 10