

BODOR K2E 6KW + K-Loader Pro (1125-2500047)



Control type
CNC

Construction year
2026

Machine no.
1125-2500047

Make
BODOR

Location
49779 Niederlangen

Technical Specifications:

Max. diameter of round tubing (mm): 8 - 230
Max. diameter of square tubing (mm): 8 - 230
Rectangular tubing (mm): 8 - 230
Profile (mm)
Angle steel: 30 - 140
Channel steel: 50 - 140
I-beams: 100 - 140
H-beams: 100*100 - 140*140
Max. pipe material length (mm) 6500
Max. cut pipe length (mm) 3000
Max. workpiece weight (kg) / (kg/m) 300 / 46
Max. acceleration 1G
Shortest remaining material (mm) 70
Positioning accuracy (mm) 0.05
Repeatability (mm) 0.03

Max. material thickness, carbon steel (mm) 16

Max. material thickness, stainless steel (mm) 12

Configuration

1. BodorPower laser source, 6 kW
2. BodorGenius T high-precision laser head with autofocus
3. BodorThinker Tube control system
4. Pneumatic chuck
5. Bodor Lightning perforation technology
6. Adaptive adjustment of jaw clamping force
7. Trailing servo unloading bracket
8. Composite rollers—screw roller and trailing pallet rollers
9. Automatic tube inspection
10. Automatic adjustment of cutting gas
11. Active anti-collision function
12. Gas-saving nozzles with stable flow
13. Intelligent maintenance reminder
14. Wi-Fi internet connection
15. Nitrogen proportional valve
16. Water cooling
17. Safety light curtains
18. Wear parts kit
19. Exhaust system
20. 3-meter unloading table
21. Option: Open clamping
22. Option: K-Loader Pro auxiliary feeding device:
 - Round tube: $\varnothing 25 \sim \varnothing 220$ mm
 - Square tube: $25 \sim 160$ mm
 - Rectangular tube: $220 = \text{side length} = 25$ mm, and diameter of the outer circle = 220 mm
 - Maximum pipe weight: 300 kg
 - Pipe loading length range: 5,000 mm—6,500 mm
 - Maximum loading weight: 1,800 kg

Machine attributes

tube diameter:	8 - 230 mm
workpiece weight:	300 kg
weight:	2450 kg
dimensions of the machine ca.:	9374 x 1872 x 2285 mm

Machine images