

TAUMARK W SERIES

Laser workstation with automatic pallet handling

TauMark W-Series workstation is the ideal solution for those looking for an automatic marking or welding system and highly efficient pallet handling. It offers automatic management of 10, 15 or 72 pallets and is capable of lifting, moving, and handling trays for loading and unloading operations. Manual operation is also available for single marking or welding application tasks.

With pallet loading and front-facing working positions, the machine can be placed against a wall. The station features a large counterbalanced and inclined door, allowing for easy cycle programming, both manual and automatic, as well as convenient positioning of parts on the pallets. Optional Robotic integration available for processing on multiple planes or for rotary applications.

TAUMARK W15



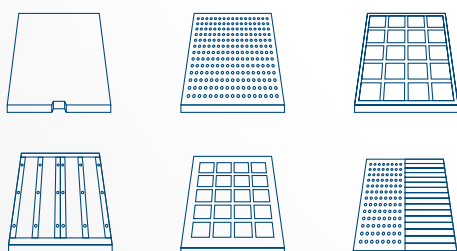
TAUMARK W72



TAUMARK WL



Types of pallets



PLUS



3D engraving

Powers up to 200 W

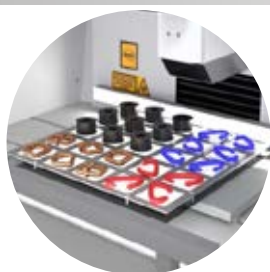
Integration with 6 axis robots

Large working area

Configurable for laser welding

KEY FEATURES

- Space saving design
- Easy access to mechanical and electrical parts
- Large door with counterweight opening for easy work cycle programming
- Robust construction with painted sheet metal panels
- Integrated vision system for smart part alignment
- Maximum viewing area 70x50mm, 5MP resolution
- Live view of the work area
- Lighting from above or below with dedicated pallets
- Custom software developed by Taumac
- Operator interface with machining management even during operation
- Loading/unloading even during operation
- Unattended automatic working cycle
- Remote monitoring and reports performed
- High performance PC included



SERIAL MARKING



RFID TECHNOLOGY (optional)



6-AXIS ROBOT (optional)

TECHNICAL DATA

MODEL		W15	W72	WL 10
LASER POWER	FIBER	20W / 30W / 60W / 80W / 100W / 200W / MOPA / NIB / PICO		
	GREEN	3W / 5W		
	UV	5W	5W / 10W	
	CO2	10W / 30W / 60W / 100W		
AXES	TYPE	4 : X Y Z + R	3 : X Y Z	4 : X Y Z + R (ROBOT OPTIONAL)
	STROKE	X: 700 mm, Y: 250 mm, Z: 300 mm*		X: 500 mm, Y: 500 mm, Z: 600 mm*
DIMENSIONS	LxDxH	1300 x 1150 x 2100 mm	2100 x 1150 x 1920 mm	2000 x 1700 x 2300 mm
	WEIGHT	525 kg*	1050 kg*	1300 kg*
	INSIDE CHAMBER AREA	660 x 500 mm (OPEN DOOR 480 mm)		1199 x 770 mm (OPEN DOOR 730 mm)
PALLET	NUMBER OF PALLET	15 PALLET	72 PALLET (4 COLUMNS x 18)	10 PALLET
	MAXIMUM HEIGHT OF WORKPIECE	35 mm (BACKLIGHT) 44 mm (NORMAL)	45 mm	70 mm
	MAX. PALLET SIZE	300 x 300 mm		500 x 500 mm
	MAX. PALLET WEIGHT	5 kg		25 kg
COOLING SYSTEM		AIR*		
CAMERA VISION	VISION AREA	70 x 50 mm *		
POWER SUPPLY	1P + N + PE, 230 Vac ± 10% ; 50/60 Hz, MAX 3 KW *		3P + N + PE, 400 Vac ± 10% ; 50/60 Hz, MAX 5 KW *	3P + N + PE, 400 Vac ± 10% ; 50/60 Hz, MAX 4,5 KW *

* MAY VARY DEPENDING ON THE LASER SOURCE / FOCAL LENGTH INSTALLED