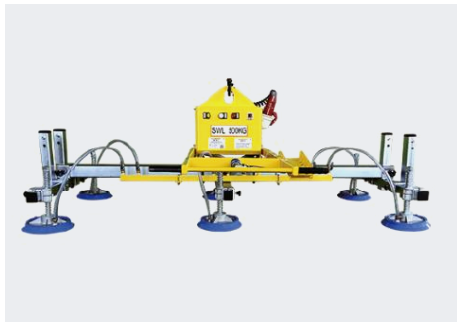


Vacuum Sheet Lifting Equipment

Three configurations for laser cutting sheet loading and smooth flat material handling

500KG-2500KG

AC / DC / Pneumatic



Rated Load: 500KG-2500KG

Power Supply: AC208-460V (±10%)

Ideal for laser cutting machine loading/unloading, particularly well-suited for plates with poor surface conditions and long-term, uninterrupted operations. Features fast suction speed, high vacuum level, and an extended service life.

Rated Load: 500KG-2500KG

Power Supply: DC12V (Battery Powered)

Designed for laser cutting sheet loading, as well as lifting and handling other smooth, flat metal or non-metal plates. Requires no external power supply, allowing flexible, unrestricted movement when used with overhead cranes.

Rated Load: Max. 500KG

Power: Compressed Air (0.6-0.8MPa)

Perfect for short-distance, high-intensity, and high-frequency laser cutting sheet handling. The pneumatic cylinder lifting system offers much faster cycle times than a traditional electric hoist. Fully compatible with pillar-mounted or wall-mounted jib cranes for rapid and ergonomic operation.

Parameter Table

Model	WLL (kg)	Dimensions L×W×H (mm)	Cup(mm)	Qty	Power Supply	Control	Net Weight (kg)
ZH-J500-6S	500	2000×800×720	φ230	6	AC208-460V (±10%)	Manual/Remote	120
ZH-Z500-6S	500	2000×800×720	φ230	6	DC12V	Manual/Remote	120
ZH-Q500-6S	500	2000×800×720	φ230	6	Pneumatic	Manual/Remote	155
ZH-J1000-6S	1000	2000×800×720	φ300	6	AC208-460V (±10%)	Manual/Remote	125
ZH-Z1000-6S	1000	2000×800×720	φ300	6	DC12V	Manual/Remote	125
ZH-J800-8S	800	2800×800×720	φ230	8	AC208-460V (±10%)	Manual/Remote	140
ZH-Z800-8S	800	2800×800×720	φ230	8	DC12V	Manual/Remote	140
ZH-J1500-8S	1500	2800×800×720	φ300	8	AC208-460V (±10%)	Manual/Remote	150
ZH-Z1500-8S	1500	2800×800×720	φ300	8	DC12V	Manual/Remote	150
ZH-J1000-10S	1000	(1000+3000+1000) ×1000×950	φ230	10	AC208-460V (±10%)	Manual/Remote	250
ZH-Z1000-10S	1000	(1000+3000+1000) ×1000×950	φ230	10	DC12V	Manual/Remote	250
ZH-J2000-10S	2000	(1000+3000+1000) ×1000×950	φ300	10	AC208-460V (±10%)	Manual/Remote	260
ZH-Z2000-10S	2000	(1000+3000+1000) ×1000×950	φ300	10	DC12V	Manual/Remote	260
ZH-J2500-12S	2500	(1000+3000+1000) ×1000×950	φ300	12	AC208-460V (±10%)	Manual/Remote	280
ZH-Z2500-12S	2500	(1000+3000+1000) ×1000×950	φ300	12	DC12V	Manual/Remote	280

Vacuum Sheet Lifter Case Studies



Cold-rolled Sheet Horizontal Handling

AC 6-Pad Vacuum Lifter

Model: ZH-J1000-6S (1000 kg)



Carbon Steel Sheet Horizontal Handling

DC 6-Pad Vacuum Lifter

Model: ZH-Z1000-6S (1000 kg)



Stainless Steel Sheet Horizontal Handling

Pneumatic 6-Pad Vacuum Lifter

Model: ZH-Q500-6S (500 kg)



Carbon Steel Sheet Horizontal Handling

AC 10-Pad Vacuum Lifter

Model: ZH-J2000-10S (2000 kg)



Stainless Steel Sheet Horizontal Handling

DC 10-Pad Vacuum Lifter

Model: ZH-Z2000-10S (2000 kg)



Carbon Steel Sheet Horizontal Handling

DC 10-Pad Vacuum Lifter

(Extended Range Version)

Model: ZH-Z2000-10S (2000 kg)