



Eagle Lift[®]

Hand Controlled Permanent Magnet Lifters



ALPHA
WORKHOLDING SOLUTIONS



Alpha Workholding Solutions is proud to announce the latest development in Permanent Lift Magnet technology...

Eagle Lift®



The Eagle Lift® utilizes state of the art technology to make a powerful, lightweight permanent lifting magnet. Our exclusive Test Talon® feature allows an operator to safely test load feasibility and a deep “V” notch between the pole shoes allows greater stability when lifting round stock.

Other features include:

- Permanent Magnet; does NOT require electricity
- Smooth Lever Action between Off & On positions
- Bi-Polar capabilities enable the unit to lift both flat and round stock safely
- Safety factors exceeding industry standards
- Single hand operation
- Very little residual magnetism at OFF makes lifter positioning easier
- Portable, compact and lightweight
- 3 Year Warranty
- **Made in the USA**



Test Talon[®]

pat. pending

Safety Feature



The engineers at Alpha Workholding Solutions share your concerns for safety in the workplace.

That's why they designed the Eagle Lift[®] with the exclusive **Test Talon[®]**. By simply moving the handle to the "Test" position, the operator can undertake a trial lift. If the Eagle Lift[®] successfully lifts the load with the Test Talon[®] engaged, the handle can be moved to the "On" position and the operator can continue the lift confident that the load is within the rated capacity of the Eagle Lift[®].

Custom Pole Shoes

Custom Pole Shoes include:

- Alpha Engineers are available to assist customers with special applications.
- Not every load will conform to the standard Eagle-Lift product; **custom designed pole shoes** are simply bolted to the existing lifter poles allowing efficient transfer of magnetism to the load.
- Any and all special applications undergo rigorous testing prior to shipment.





Product Specifications (Imperial Data)

Model Number	Safe Working Load (SWL)*					Product Dimensions			
	Flat Capacity (lbs)	Round Capacity (lbs/range inch)	Min Contact Area (in)	Min Load Thickness (in)	Max Load Length (ft)	Unit Weight (lbs)	L (in)	W (in)	H (in)
EL-250	250	N/A	4 x 2	1	4	10	4 ½	5	4 ½
EL-600	600	300/4-12	4 x 4	1	6	16	6 ½	5	4 ½
EL-1200	1200	600/4-12	8.5 x 4	1	10	30	10 ½	5	4 ½
EL-2500	2500	1250/6-20	11 x 6	1.37	10	115	14 ½	7 ½	7 ½
EL-5000	5000	2500/6-20	22 x 6	1.37	12	210	25 ½	7 ½	7 ½

Product Specifications (Metric Data)

Model Number	Safe Working Load (SWL)*					Product Dimensions			
	Flat Capacity (kg)	Round Capacity (kg/range mm)	Min Contact Area (mm)	Min Load Thickness (mm)	Max Load Length (m)	Unit Weight (kg)	L (mm)	W (mm)	H (mm)
EL-M125	125	N/A	103 x 50	25	1.2	4	120	125	120
EL-M275	275	140/100-300	103 x 100	25	1.8	7	165	125	120
EL-M550	550	275/100-300	212 x 103	25	3	13	280	125	120
EL-M1100	1100	550/150-500	284 x 151	35	3	52	370	190	190
EL-M2200	2200	1100/150-500	568 x 151	35	3.6	95	650	190	190

Test load is approximately three times rated load.

Variation on round capacities are available as a special order.

*Never exceed SWL (Safe Working Load) and always observe safe lifting practices.

The Pole/Workpiece contact area is absolute minimum permissible.

Test load was based on a machined, flat, mild steel of greater than or equal to the minimum thickness stated.



WORKHOLDING SOLUTIONS

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