

Productive Workplace Enerpac Hydraulic Single-Acting Cylinders

Issue: Using crude methods to lift and secure large loads, or perform pushing, pulling or bending operations is both dangerous and non-productive. Enerpac hydraulic single-acting cylinders take the place of other load-holding methods and manual labor, and ensure safe and secure job site operations.

Application: Lifting, pushing, pulling, bending and holding with tons of force in general manufacturing, MRO, construction sites, steel plants, shipbuilding, automotive, aerospace and railroad applications.

Recommendation: Grainger offers Enerpac hydraulic single-acting cylinders in a variety of stroke lengths and tonnage capacities.

Product Features & Benefits:

ENERPAC 
POWERFUL SOLUTIONS. GLOBAL FORCE.

For more information about Enerpac products, contact your Grainger Representative, Local branch, or go online to Grainger.com to place your order and see Enerpac's complete line of high-force hydraulic solutions.

Product Depth

- Grainger model numbers available in 5 to 100 Ton capacities
- Stroke (lift) lengths from 0.63 to 14.25 inches
- (34) models available through Grainger's catalog
- Lightweight, anti-corrosive aluminum body cylinders are also available through Grainger
- See back of flyer for more specifications and Grainger model numbers

Product Features

- Enerpac single-acting cylinders have a hardened saddle to prevent mushrooming of the plunger and thus increasing the life of the cylinder.
- Enerpac single-acting cylinders have a return spring design which allows for fast plunger retraction after operation

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PRODUCT SPECIFICATIONS

Model Number	Cylinder Capacity (Tons)	Cylinder Stroke Length (in.)
3KD48	5	0.63
3KD49	5	1.00
4Z483	5	3.00
4Z484	5	5.00
3KD50	5	7.00
3KD51	5	9.13
3KD42	10	1.00
4Z485	10	2.13
6Z783	10	4.13
4Z486	10	6.13
3KD43	10	8.00
4Z487	10	10.13
2NWH4	10	12.00
2NWH5	10	14.00
2NWH6	15	1.00
3KD44	15	2.00
5ZL46	15	4.00

Model Number	Cylinder Capacity (Tons)	Cylinder Stroke Length (in.)
6W463	15	6.00
5ZL47	15	8.00
6W464	15	10.00
5ZL48	25	1.00
3KD45	25	2.00
3KD46	25	4.00
4Z488	25	5.25
3KD47	25	8.25
6W473	25	10.25
2NWH7	25	12.25
2NWH8	25	14.25
5ZL49	30	8.25
5ZL50	50	2.00
5ZL51	50	4.00
4Z489	50	6.25
2NWH1	50	13.25
2NWH3	100	6.63

THE ADDITIONAL MODELS BELOW ARE CONSTRUCTED OF LIGHTWEIGHT, NON-CORROSIVE ALUMINUM

Model Number	Cylinder Capacity (Tons)	Cylinder Stroke Length (in.)	Cylinder Weight (lbs)
4PU59	30	3.94	11.50
4PU60	30	5.91	13.00
4PU61	50	3.94	21.60
4PU62	50	5.91	24.50
4PU58	100	5.91	48.30



▲ Using an RC-series cylinder to correct the central eye of a roll of steel which was compressed during transport



▲ Waste barrel press constructed using an Enerpac hand pump and an RC-series cylinder. When force is applied with the hand pump, the Cylinder presses the top plate down to compress waste in barrels.