

HIGH TONNAGE ULTRA FLAT CYLINDERS

Proven design for harsh conditions



ENERPAC 



HIGH TONNAGE ULTRA FLAT CYLINDERS

CUSP-Series

Tilting Plunger

**10-1000
TON**

Lifting capacity

**7-17
MM**

Straight stroke

**6-10
MM**

Tilted stroke

**700
BAR**

Max. operating pressure

Cylinder Capacity (ton)	Model Number	Capacity @ 700 bar (kN)	Stroke (mm)	Tilting +/- (deg.)	Collapsed Height (mm)
10	CUSP10	97	6	2	35,5
20	CUSP20	198	6	2	40,5
30	CUSP30	310	6	2	42,5
55	CUSP50	550	10	4	57,0
80	CUSP75	792	10	4	60,5
100	CUSP100	1078	10	4	63,5
150	CUSP150	1589	10	3	65,0
200	CUSP200	2090	10	3	69,0
250	CUSP250	2542	10	3	72,5
300	CUSP300	3167	10	2	72,5
400	CUSP400	4008	10	2	77,5
500	CUSP500	5115	10	2	82,5
600	CUSP600	5987	10	2	87,5
800	CUSP750	7527	10	2	93,5
1000	CUSP1000	10.165	10	2	103,0

- Side Load capability of 4% at full stroke
- Extremely low collapsed height
- Integrated tilting function up to 4 degrees
- Nitrocarburized surface treatment for harsh conditions
- "Red Line" to indicate maximum stroke





ULTRA FLAT CYLINDERS

CULP-Series

Stop Ring

**10-50
TON**

Lifting capacity

**6
MM**

Stroke

**STOP
RING**

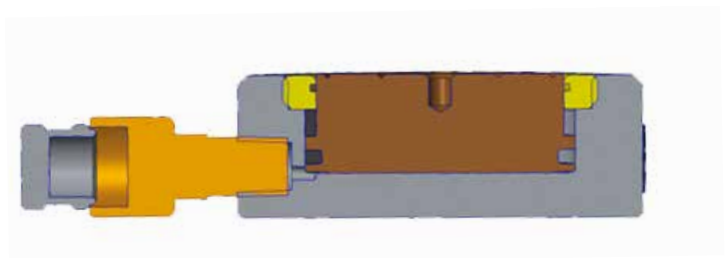
Integrated

**700
BAR**

Max. operating pressure

Cylinder Capacity (ton)	Model Number	Capacity @ 700 bar (kN)	Stroke (mm)	Collapsed Height (mm)
10	CULP10	97	6	27,5
20	CULP20	198	6	32,0
30	CULP30	310	6	35,0
50	CULP50	550	6	44,5

- Side Load capability of 4% at full stroke
- Extremely low collapsed height
- Nitrocarburized surface treatment for harsh conditions
- Stop ring for maximum stroke limitation





HYDRAULIC PUMPS

Enerpac hydraulic pumps are available in over 1000 different configurations. Whatever your application needs for speed, control, intermittent or heavy duty are, Enerpac has the right solution for you.

Featuring Hand, Battery, Electric, Air and Gasoline powered models, Enerpac offers the most comprehensive pump line available.



P-Series, Hand Pumps



XC-Series, Cordless Pumps



XA-Series, Air Driven Pumps



ZU4-Series, Portable Electric Pumps



ZE-Series, Electric Pumps



SFP-Series, Split-Flow Pumps

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