

Single Acting: RC-Series Cylinders

Note: Many of these cylinders are also available from Enerpac in aluminium models. Call for details.

- For most lifting applications
- Designed for use in all positions
- ENECR400 Coupler and Dust Cap included on all models

RC-Series Cylinders

Cylinder Capacity tons	Stroke inches	Stock No.	Oil Capacity cu. in.	Collapsed Height inches	Weight lb.
5	0.63	ENERC50	0.62	1.63	2.2
	1.00	ENERC51	0.99	4.34	2.3
	3.00	A ENERC53	2.97	6.50	3.3
	5.00	ENERC55	4.95	8.50	4.1
	7.00	ENERC57	6.93	10.75	5.3
	9.13	B ENERC59	9.04	12.75	6.1
10	1.00	ENERC101	2.23	3.53	4.0
	2.13	ENERC102	4.75	4.78	5.1
	4.13	ENERC104	9.21	6.75	7.2
	6.13	ENERC106	13.67	9.75	9.8
	8.00	ENERC108	17.84	11.75	12.0
	10.13	ENERC1010	22.59	13.75	14.0
	12.00	C ENERC1012	26.76	15.75	15.0
	14.00	ENERC1014	31.22	17.75	18.0
15	1.00	ENERC151	3.14	4.88	7.2
	2.00	ENERC152	6.28	5.88	9.0
	4.00	D ENERC154	12.56	7.88	11.0
	6.00	ENERC156	18.84	10.69	15.0
	8.00	ENERC158	25.12	12.69	18.0
	10.00	ENERC1510	31.40	14.69	21.0
25	1.00	ENERC251	5.15	5.50	13.0
	2.00	ENERC252	10.30	6.50	14.0
	4.00	ENERC254	20.60	8.50	18.0
	6.25	ENERC256	32.19	10.75	22.0
	8.25	ENERC258	42.49	12.75	27.0
	10.25	E ENERC2510	52.79	14.75	31.0
	12.25	ENERC2512	63.09	16.75	36.0
14.25	ENERC2514	73.39	18.75	39.0	
30	8.25	ENERC308	53.63	15.25	40.0
50	2.00	ENERC502	22.10	6.94	33.0
	4.00	F ENERC504	44.20	8.94	42.0
	6.25	ENERC506	69.06	11.13	51.0
	13.25	ENERC5013	146.41	18.13	83.0
75	6.13	ENERC756	97.53	11.25	65.0
	13.13	G ENERC7513	208.90	19.38	130.0
100	6.63	ENERC1006	136.91	14.06	130.0
	10.25	ENERC10010	211.66	17.69	160.0

Additional cylinder sizes are available.
Contact your Snap-on Industrial Account Manager for more information.



Single-Acting Pump and Cylinder Sets

- Optimum match of individual components
- All sets include: cylinder, hand or air pump, 6' safety hose, calibrated gauge and gauge adaptor
- The quickest and easiest way to start working right away



Stock No.	Set Capacity (Ton)	Cylinder Stroke Length (in.)	Includes Pump Type
ENESCR55H	5	5	Two-Speed Hand
ENESCR102H	10	2	Two-Speed Hand
ENESCR106H	10	6	Two-Speed Hand
ENESCR154H	15	4	Two-Speed Hand
ENESCR156H	15	6	Two-Speed Hand
ENESCR252H	25	2	Two-Speed Hand
ENESCR254H	25	4	Two-Speed Hand
ENESCR256H	25	6	Two-Speed Hand
ENESCR2514H	25	14	Two-Speed Hand
ENESCR506H	50	6	Two-Speed Hand
ENESCR1006H	100	6	Two-Speed Hand

For more detailed information on Enerpac Pump/Cylinder Sets, contact your Snap-On Industrial Account Manager.

Low Height, Flat-Jac® Cylinders

RSM-Series Flat-Jac® Cylinders (A,B,C)

- Compact, flat design for use where other cylinders will not fit
- Stroke is less than 1"
- ENERSM1000 includes handle
- ENECR400 Coupler and Dust Cap included on all models

RCS-Series Low Height Cylinders (D,E)

- Lightweight, low profile design for use in confined spaces
- Stroke range: 1.50 to 2.25"
- ENECR400 Coupler and Dust Cap included on all models
- ENERCS1002 includes handle



RSM, RCS-Series Cylinders

Cylinder Capacity, tons	Stroke, inches		Stock No.	Oil Capacity, cu. in.	Collapsed Height, inches	Weight, lb.	
RSM-Series Flat-Jac® Cylinders							
5	.25	A	ENERSM50*	.25	1.28	2.3	
10	.44		ENERSM100	.98	1.69	3.1	
20	.44		ENERSM200	1.95	2.03	6.8	
30	.50	B	ENERSM300	3.25	2.31	10.0	
50	.63		ENERSM500	6.07	2.63	15.0	
100	.63	C	ENERSM1000		12.39	3.38	32.0
RCS-Series Low Height Cylinders							
10	1.50		ENERCS101		3.35	3.47	9.0
20	1.75		ENERCS201		7.77	3.88	11.0
30	2.44	D	ENERCS302		15.85	4.63	15.0
50	2.38	E	ENERCS502		22.91	4.81	24.0
100	2.25		ENERCS1002		44.25	5.56	50.0

*ENERSM-50 is fitted with an AR400 Coupler.

Hollow Cylinders: RCH-Series Cylinders

- Versatile: for testing, maintenance, and tensioning applications
- Hollow plunger design allows for both pull and push forces
- Nickel-plated, floating center tube on models over 20 tons
- ENERCH121 has ENEFZ1630 Reducer and ENEAR630 Coupler, all other models feature ENECR400 Coupler



RCH-Series Cylinders

Cylinder Capacity, tons	Oil Stroke, inches		Stock No.	Collapsed Capacity, cu. in.	Height, inches	Weight, lb.
12	.31		ENERCH120	.86	2.14	3.2
	1.63	A	ENERCH121	4.52	4.75	6.2
	3.00		ENERCH123	9.99	7.25	9.8
20	2.00		ENERCH202	9.44	6.31	17.0
	6.10		ENERCH206	28.80	12.05	31.0
30	2.50		ENERCH302	18.04	7.03	24.0
	6.13	B	ENERCH306	44.23	13.00	48.0
60	3.00		ENERCH603	38.22	7.75	62.0
	6.00		ENERCH606	76.43	12.75	78.0

Turbo II Air Hydraulic Pumps

- "Turbo" feature utilizes exhaust air to help power the pump
- Air exhaust muffler for quieter operation and reduced operator fatigue
- High efficiency cast aluminum housing for increased productivity
- ENEPARG1102N includes a 15-foot pendant for remote operation
- New air piston reduces air consumption
- Recommended Regulator-Filter Lubricator: ENERFL102



ENEPARG1102N

Turbo II

Stock No.	Usable Oil Cap., cu. in.	Pressure Rating, PSI	Output Flow Rate, cu. in./min. No Load	Output Flow Rate, cu. in./min. Load	Valve Function	Air Pressure Range, PSI	Air Consump, SCFM	Sound, dBA	Weight, lbs.
ENEPATG1102N	127	10,000	60	10	Adv/Hold/Retract	25-125	12	76	18
ENEPATG1105N	230	10,000	60	10	Adv/Hold/Retract	25-125	12	76	22
ENEPARG1102N	127	10,000	51(1) / 48(2)	6(1) / 5(2)	Adv/Hold/Retract	25-125	12(1) / 8(2)	76	22

1) : Air supply connected at pendant 2) : Air supply connected at pump

Hand Powered

Steel Hand Pumps

- Designed for maintenance, construction, lifting, and testing applications
- Two-speed operation on the ENEP80 reduces handle strokes by as much as 78% over single speed pumps
- Internal pressure relief valves for overload protection



ENEP80



ENEP392

ENEP142

Steel Hand Pumps

Stock No.	Usable Oil Capacity, cu. in.	Pressure Rating, PSI		Oil Displacement per Stroke, cu. in.		Max. Handle Effort, lb.
		1st Stage	2nd Stage	1st Stage	2nd Stage	
Single-Speed Steel						
ENEP39	40	N/A	10,000	N/A	.16	111
Two-Speed Steel						
ENEP80	134	350	10,000	.99	.15	104
ENEP462	453	200	10,000	7.69	.29	110

Composite Hand Pumps

- Designed for maintenance, construction, lifting, and testing applications
- Two-speed operation reduces handle strokes by as much as 78% over single speed pumps
- Non-conductive fiberglass handle for operator safety
- Light weight and compact design
- Pump reservoir made of durable composite material for corrosion resistance
- Lower handle effort minimize operator fatigue
- Handle lock and light weight construction for easy carrying
- Top-side oil reservoir cap twists open by hand. Also acts as safety vent

Composite Hand Pumps

Stock No.	Usable Oil Capacity, cu. in.	Pressure Rating, PSI		Oil Displacement per Stroke, cu. in.		Max. Handle Effort, lb.
		1st Stage	2nd Stage	1st Stage	2nd Stage	
Two-Speed Composite						
ENEP142	20	200	10,000	.221	.055	78
ENEP802	155	400	10,000	2.400	.151	95
ENEP391	55	N/A	10,000	N/A	.151	85
ENEP392	55	200	10,000	.687	.151	93

Ultra High-Pressure Hand Pump



- PLEASE NOTE: This hand pump is operational up to 40,000 psi. All other Enerpac hand pumps have a 10,000 psi limit.
- Two-speed operation for faster fill, reduces cycle time for many testing applications
- Outlet ports are 3/4"-16 cone for 40,000 psi rating
- Large release knob for improved control of pressure release

Ultra High-Pressure Hand Pump

Stock No.	Usable Oil Capacity (in ³)	Pressure Rating (psi)		Oil Displacement per Stroke (in ³)		Max. Handle Effort (lbs)	Weight
		1st Stage	2nd Stage	1st Stage	2nd Stage		
ENEP2282	60	200	40,000	0.99	0.037	106	14

Economy Electric Pump

- Lightweight and compact design
- 115 Volt Motor draws 9.5 Amps
- Large easy-carry handle for maximum portability
- Starts under full load
- Two-Speed operation reduces cycle time for improved productivity
- 3-Way, 2-Position Valve



Economy Electric Pump

Stock No.	Usable Oil Capacity, in ³	Pressure Rating, psi		Output Flow Rate, in ³ /min.		Weight (lbs.)
		1st Stage	2nd Stage	1st Stage	2nd Stage	
ENEPJ1200B	0.5	200	10,000	200	20	22

Foot Powered Lightweight Foot Pump

- Foot operation keeps both hands free to work with tools and cylinders
- Easily portable; Foot pedal locks in place for easy carrying of unit
- Internal pressure relief valve for overload protection
- Two-speed operation reduces strokes by as much as 78% over single-speed pumps



Lightweight Foot Pump

Stock No.	Usable Oil Capacity, in ³	Pressure Rating, psi		Oil Displacement per Stroke, in ³		Weight (lbs.)
		1st Stage	2nd Stage	1st Stage	2nd Stage	
ENEP392FP	38	200	10,000	0.687	0.151	16

HYDRAULIC OIL

- Colored blue for easy distinction

ENEHF100 1 quart.

ENEHF101 1 gallon.

ENEHF102 Two 2 1/2 gallon containers.

Oil Specifications

Viscosity Index	100 minimum
Viscosity at 210°F	42/45 S.U.S.
Viscosity at 100°F	150/165 S.U.S.
Viscosity at 0°F	<12,000 S.U.S.
API Gravity	31.0/33.0
Flash, C.O.C. °F	400
Pour Point, °F	-25
Aniline Point, °F	210/220
Paraffinic	Base
Color	Blue



Ask your Snap-on Account Manager for an Enerpac MSDS sheet

WARNING!

Use only genuine Enerpac Hydraulic Oil. The use of any other fluid will render your Enerpac warranty null and void.



ENEV82



ENEV66



ENEAM21
Split Manifold

Flow Control Valves

- All valves are rated for 10,000 PSI
- All valves are painted, coated, or plated surface for corrosion resistance

ENEV82 Needle Valve. To control cylinder speed.

Can also be used as shut-off valve. 3/8 NPTF female ports.

ENEV66 Safety Valve. Used for temporary load holding applications.

Valve must be manually opened to allow oil to flow back to pump.

ENEHC7206



High Pressure Hydraulic Hoses

Heavy-Duty Thermoplastic Hoses

- Distinct yellow color
- Designed for high cycle applications
- 4:1 safety design factor, greater than standard "jacking" hoses
- Durable polyurethane outside covering provides more resistance to cuts and abrasions
- Weigh up to 30% less than rubber hoses
- Pressed-on rubber strain reliefs lengthen life and improve durability

Heavy-Duty Rubber Hoses

- Outside rubber covering protects the two-layer wire braids
- Highly flexible, best choice for long hose runs
- Pressed-on rubber strain reliefs lengthen life and improve durability

Call your Snap-on Account Manager for additional specifications on Enerpac.

See Warranty Information on inside front cover

3/8" Flush Face Zero-Leak Coupler

- Easier and faster to connect than standard spin-type couplers
- Male and female ends push together to form a zero-leak connection
- Sleeve-locking mechanism is engaged by rotating sleeve after connection, preventing accidental disconnection and dirt from entering internal mechanism
- Attaches to any Enerpac product with 3/8" NPT connection
- Distinct red color
- Includes two rubber dust caps



ENEFR400

ENEFH604

3/8" High Flow Coupler

- Designed for quick-connect/disconnect
- Unique design improves back-flow from cylinder to pump
- Zinc-coated to resist corrosion
- Includes "2-in-1" dust cap for use on male and female coupler halves



ENEC604



3/8" SPEE-D-COUPLER

- For Medium duty applications; for use with hand pumps

Couplers

Size/Style	Stock No. Complete Set	Stock No. Female Half	Stock No. Male Half	Coupler Type	Maximum Flow Capacity, cu. in./min.
3/8" Flush Face	ENEV604	ENEFR400	ENEFH604	High Flow	2,500
3/8" High Flow	ENEC604	ENECR400	ENECH604	High Flow	2,500
3/8" SPEE-D	ENEV604	ENEAR400	ENEAH604	Spee-D	462

Dry & Liquid-Filled Gauges



- Allows visual reading of pressure generated by a load
- Minimizes overloading of equipment
- Gauges are calibrated within ±2% of full scale
- Gauges calibrated to read in "PSI"
- Available in dry or liquid-filled styles with 2.5" or 4" faces

Gauges

Stock No.	Gauge Type	PSI	Units per Thread	Gauge Adapter	Gauge Face
ENEGP10S	Dry	0-10,000	1/2 NPT	ENEGA2	4"
ENEG2535L	Liquid	0-10,000	1/4 NPT	ENEGA3	2.5"
ENEG4088L	Liquid	0-10,000	1/4 NPT	ENEGA3	4"
ENEG4039L	Liquid	0-10,000	1/2 NPT	ENEGA2	4"

Hydraulic Hoses

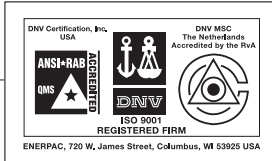
Stock No.	Weight, lb.	Hose Length, ft.	Hose End	
			Assemblies and Couplers End One	End Two
Heavy-Duty Thermoplastic Hoses				
ENEHC7206	2.3	6	3/8" NPT	ENECH604
ENEHC7210	3.3	10	3/8" NPT	ENECH604
ENEHC7220	6.4	20	3/8" NPT	ENECH604
Heavy-Duty Rubber Hoses				
ENEHC9206Q	3.0	6	1/4" NPT	ENECH604
ENEHC9206	3.0	6	3/8" NPT	ENECH604
ENEHC9210	4.3	10	3/8" NPT	ENECH604
ENEHC9220	8.3	20	3/8" NPT	ENECH604
ENEH9206	2.6	6	3/8" NPTF	3/8" NPTF
ENEH9210	3.9	10	3/8" NPTF	3/8" NPTF
ENEH9220	8.0	20	3/8" NPTF	3/8" NPTF
ENEH9306	4.6	6	3/8" NPTF	3/8" NPTF

Enerpac CYLINDERS

For Aligning & Separating Flange Joints Safely & Efficiently

Hydraulic & Mechanical Industrial Spreaders

- For maintenance, commissioning, shutdowns, testing and valve change outs
- No need for hammers, chisels or chainblocks
- Safety block included with ENEFSH14 and ENEFSM8
- ENEFSB1 safety blocks sold separately in pairs

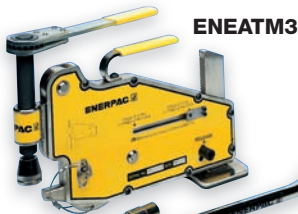


Flange Separating Tools

Maximum Spreading Force (ton)	Model Number	Tip Clearance	Maximum Spread*	Type	Weight (lbs.)
14	ENEFSH14	.24 in (6 mm)	3.16 in (81 mm)	Hydraulic	15.7
8	ENEFSM8	.24 in (6 mm)	3.16 in (81 mm)	Mechanical	14.3

* Using stepped blocks ENEFSB1

ENEFSH14 w/safety blocks ENEFSM8 w/safety blocks



ENEATM3

Flange Alignment Tools

- A safe and quick solution to misaligned flanges
- Corrects twist & rotational misalignment without additional stress in pipelines
- For most commonly used ANSI, BS, & DIN flanges
- No slings, hooks or lifting gear needed



ENEATM1



ENEATM5

Flange Alignment Tools

Maximum Lifting Force (ton)	Model Number	Bolt Hole Range in	Bolt Hole Range mm	Flange Wall Thickness in	Flange Wall Thickness mm	Weight lbs. (kg)
0.3	ENEATM1	.69 - 1.13	17 - 27.2	.69 - 2.00	17 - 50	4.4 (2.0)
3	ENEATM3	1.0 - 2.13	25 - 54	1.19 - 4.50	30 - 115	20.1 (9.1)
5	ENEATM5	1.25	3.125 - 8.00			35.7



Two ENEFSH14 spreaders used simultaneously with Enerpac handpump & hoses.



Flange alignment with ENEATM1

Hydraulic Flange Spreaders

- Adjustable jaw widths from 2.75" to 8.5" for a wide range of applications
- Lightweight, ergonomic design for ease of use
- Single-acting, spring return Enerpac RC cylinders for fast trouble-free operation

Flange Alignment Tools

Stock No.	Max. Flange Thickness (in)	Stud Size in	Standard Wedge (in)	Capacity (tons)	Stroke (in)	Oil Capacity (cu in)	Weight (lbs)
ENEFS56	2 x 2.25	.75 - 1.13	.13 - 1.13	5	1.5	1.5	(2.0)
ENEFS109	2 x 3.63	1.25 - 1.63	.13 - 1.13	10	2.13	4.8	(9.1)

Single Acting Spreaders Hydraulic Spread Cylinders

- ENEWR5 For use in very confined work areas.
- ENEWR15 For long stroke spreading applications.

ENEWR5



Hydraulic Spread Cylinders

Cylinder Capacity, tons	Tip Clearance, inches	Length, inches	Stock No.	Cylinder Effective Area, sq. in.	Oil Capacity, cu. in.	Stroke, inches	Weight, lb.
1.00	.38	8.78	ENEWR5	1.00	.61	3.70	5.0
.75	1.26	21.65	ENEWR15	2.25	3.91	11.50	25.0

ENEFS56



Hydraulic Nut Splitters

- Heavy-duty chisels can be reground
- Applications include servicing trucks, piping industry, tank cleaning, railroad, petrochemical, steel construction, mining, etc.
- Nut splitters include a spare chisel, a spare set screw, and the wrench used to secure the chisel
- Maximum allowable hardness of nuts to split is HRC44
- Not for use on square nuts
- Does not damage stud of bolt



ENEC2432



Easily removing rusty nuts during railroad construction is just one of many application examples for the Enerpac Nut Splitter.

Stock No.	Bolt Range, inches	Hexagon Nut Range, inches	Capacity, tons	Oil Capacity, inches*	Weight, lbs.	Replacement Blades Stock No.
ENENC1319	.31-.50	.50-.75	5	.92	1.8	ENENCB1319
ENENC1924	.50-.63	.75-.94	10	1.22	4.4	ENENCB1924
ENENC2432	.63-.88	.94-1.13	15	3.66	6.6	ENENCB2432
ENENC3241	.88-1.13	1.13-1.56	20	4.88	9.7	ENENCB3241
ENENC4150	1.13-1.38	1.56-2.00	35	9.46	18	ENENCB4150
ENENC5060	1.38-1.50	2.00-2.25	50	14.64	26	ENENCB5060
ENENC6075	1.50-1.88	2.38-2.88	90	30.00	75.1	ENENCB6075

Maintenance Sets

Set Capacities and Weight

Stock No.	Capacity Using Attachments, tons	Capacity Without Attachments, tons	Number of Components	Weight, lb.
ENEMS24	2.5	5.0	34	59
ENEMSFP5	2.5	5.0	24	44
ENEMS210	5.0	10.0	35	140
ENEMSFP10	5.0	10.0	22	105
ENEMS220	12.5	25.0	13	210
ENEMS21020	5-12.5	10-25	53	350

Components included in set

Stock No.	Hand Pump	Hose	Cylinder	Gauge	Gauge Adaptor
ENEMS24	ENEP142	ENEHC7206	ENERC55	ENEGP10S	ENEGA2
ENEMSFP5	ENEP142	ENEHC7206	ENERC55	ENEG2535L	ENEGA3
ENEMS210	ENEP392	ENEHC7206	ENERC106	ENEGP10S	ENEGA2
ENEMSFP10	ENEP392	ENEHC7206	ENERC106	ENEG2535L	ENEGA3
ENEMS220	ENEP392	ENEHC7206	ENERC102 ENERC106 ENERC256	ENEGP10S	ENEGA2
ENEMS21020	ENEP392	ENEHC7206	ENERC102 ENERC106 ENERC256	ENEGP10S	ENEGA2



Clamping

Single Chain Pull

- The Tool Control Board comes assembled; just match up the Enerpac® components on the board.
 - Tool Control Board VEB216A and Enerpac® Maintenance Set ENEMSFP5 are ordered separately.
 - Also available in a 10-Ton set ENEMSFP10 & board VEB217A
- Note: Tool Control Boards fit Snap-on® A-frames & wall cabinets



Wall mount cabinet for complete ENEMSA10 set available, see KRA276D on page 81.

- All sets include Enerpac composite hand pump, hose, cylinder, gauge, and gauge adaptor
- Lock-on or threaded connectors
- Designed for almost every maintenance application



WARNING

- When cylinders are used with maintenance set attachments or components, the maximum system pressure must be limited to half the rated pressure (5,000 PSI).

Hydraulic Presses

- Available in 10-, 25-, 50-, and 100-ton capacities
- Press set includes H-frame press, cylinder, pump, load gauge, gauge adaptor, and 6-foot hose
- Designed for general maintenance, intermittent use
- Heavy-duty welded frame minimizes flex under load, lasting longer than bolted or pinned-style frames
- Exclusive "Hydra-Lift" system uses an 18" stroke, press-mounted hydraulic jack to adjust press bed height. (25-, 50-, 100-ton models only)
- Includes pump mounting bracket to support the pump
- Roller head design allows movement and locking of the cylinder from side-to-side for off-center pressing jobs (50- and 100-ton models only, 10- & 25-ton models are able to move side-to-side but do not have rollers)
- Adjustable work bed is supported by pin supports which are 10" apart
- V-blocks sold separately (come in pairs)



ENEIPE5060



ENEIPE H-Frame Presses

Press Capacity, tons	Maximum Bed Daylight, inches	Maximum Bed Width, inches	Power Source Type			V-blocks (sold separately)	Stock No.	Cylinder Stroke, inches	Cylinder Type	Speed, seconds/inch*		Weight lb.
			Hand	Elec.	Air					Rapid Advance	Pressing	
10	40.00	18.63	—	—	•	ENEI136	ENEIPA1220	10	Single Acting	2.06	16.75	160
	40.00	18.63	•	—	—	ENEI136	ENEIPH1240	10	Single Acting	*(4)	*(15)	158
25	54.50	29.00	—	•	—	ENEI130	ENEIPE2505	6	Single Acting	1.50	15.40	605
	54.50	29.00	—	—	•	ENEI130	ENEIPA2520	14	Single Acting	4.76	40.00	610
50	48.56	28.75	—	•	—	ENEI150	ENEIPE5060	13	Double Acting	1.00	11.10	1,100
100	42.50	35.00	—	•	—	ENEI200	ENEIPE10060	13	Double Acting	1.90	20.60	1,801

*(-) Speed in strokes per inch plunger travel.

SAFETY SEMINARS



Snap-on now offers FREE safety seminars on the proper use of hand tools and industrial equipment.

If you wish to have an on-site seminar at your facility, please contact your local Snap-on Account Manager for details.



"S" Series Steel Square Drive Hydraulic Torque Wrenches



- Nickel-plated steel for strength, durability and corrosion resistance.
- Maximum operating pressure of 10,000 psi.
- Robust design with minimal parts.
- Lightweight, ergonomic design for easy handling

- Fast operation and rapid return stroke.
- 360 degree click-on, multi position reaction arm.
- Push button square drive release for reversing direction when tightening or loosening.
- Single 360 degree hydraulic swivel manifold increases wrench and hose maneuverability.
- Includes storage case.

"S" Series Steel Square Drive Hydraulic Torque Wrenches

Torque Wrench Model No.	Typical Size Range, inches	Socket Sq. (mm)	Maximum Drive, inches	Torque at 10,000 psi ft. lbs.	Weight lbs.
ENES1500	5/8-1 7/8	(15-50)	3/4	1,400	5.94
ENES3000	7/8-3 7/8	(20-100)	1	3,200	11
ENES6000	1 5/8-6 1/4	(41-155)	1 1/2	6,010	18.7
ENES11000	1 5/8-6 1/4	(41-155)	1 1/2	11,000	33
ENES25000	2 3/8-10	(60-255)	2 1/2	25,400	68.4



Drive unit and cassette combined

"W" Series Steel Low Profile Hexagon Hydraulic Torque Wrenches

- Nickel-plated steel for strength, durability and corrosion resistance.
- High-speed, high degree of rotation angle
- Quick release interchangeable low profile drive unit
- No tools needed for changing the heads
- Ultra slim, compact, low clearance tool with a small nose radius
- Optimized strength-to-weight ratio
- Contact your Snap-on Industrial Account Manager for information on cassettes, reducer inserts and holding rings.

Drive Unit Model Number	Hex Cassette Range (mm)	Hex Range (inch)	Maximum Torque at 10,000 psi (ft.lbs)	Weight (lbs.) (drive unit without hexagon head)
ENEW2000	36 - 55	1 7/16 - 2 3/4	2000	3.1
ENEW4000	55 - 80	2 3/16 - 3 1/4	4000	4.4
ENEW8000	70 - 95	2 3/4 - 3 7/8	8000	6.6
ENEW15000	80 - 115	3 1/8 - 4 5/8	15000	11

Z-Class Electric Torque Wrench Pump



- Z-Class high-efficiency pump design; powerful 1.7 hp universal electric motor, higher oil flow, cooler running and requires 18% less current draw than comparable pumps
- High-strength, molded composite shroud protects motor and electronics, non-conductive handle for easy transport
- Low-voltage pendant provides additional safety for the operator (remote control units)
- LCD readout provides pressure display (replaces the traditional analog gauge) and a number of diagnostic and readout capabilities never before offered on a portable electric pump
- Auto cycle feature provides continuous cycle operation of the torque wrench as long as the advance button is pressed. (Pump can be used with or without auto cycle feature).
- Maximum operating pressure of 10,000 psi
- Optional Heat Exchanger, Skid Bar and 4 Wrench Manifold available.

ENEZU4204TB-Q

Usable Oil Capacity (gal)	Motor Size (hp)	Output Flow Rate (in. ³ /min)				Motor Electrical Specification (volts-ph-Hz)	Sound Level (dBA)	Relief Value Adj. Range (psi)	Weight with Oil ⁴
		100 psi	700 psi	5000 psi	10000 psi				
1.0	1.7	700	535	76	60	115-1-50/60 230-1-50/60	85-90	1000-11600	70

Enerpac Torque Wrench Hoses

- Twin 3.5:1 safety hoses designed to be used with only double-acting hydraulic torque wrenches
- Maximum pressure of 10,000 psi
- Double polyurethane outside covering provides more resistance to cuts and abrasions
- Pressed-on rubber strain reliefs lengthen life and improve durability
- Designed for high-cycle applications
- Includes Parker twist-on couplers



ENETHQ706T	20 feet
ENETHQ712T	39 feet

Compact Electric Torque Wrench Pump



ENEPMU10427Q

- 1/2 HP universal motor works well on long extension cords or generator-driven electrical power supplies
- Maximum pressure of 10,000 psi
- Pump generates full pressure on as little as 50% of rated line voltage
- Includes glycerine-filled gauge with scales reading in psi and bar with transparent overlays in ft. lbs. and Nm
- Includes heat exchanger package that keeps pump cool under extreme use
- Adjustable pressure relief valve for accurate torque adjustments and precise repeatability
- Available in 115V/1ph 50/60 Hz or 220V/1ph 50/60 Hz.

Model Number	Electric	Useable Oil Capacity (gal.)	Pump Flow Rate (in. ³)		Bypass Pressure (psi)	Weight (lbs.) with Oil
			1st Stage	2nd Stage		
ENEPMU10427Q	1/2 hp	0.5	24	20	200	53

Call your Snap-on Account Manager for additional specifications on Enerpac.

See Warranty Information on inside front cover