

▼ Shown left to right: EWCH90 and EWCE55B



The Quick and Clean Way to Cut Cable and Wire Rope

Productivity

- A broad range of hydraulic and electric tools quickly and easily cut through cable and wire rope

Safety

- Controlled cutting process enhances operator safety
- Minimal spark risk compared with torching, grinding and sawing methods
- Cutters produce minimal vibration, helping prevent HAVS (Hand Arm Vibration Syndrome)

▼ Guillotine-style blades make quick work of electrical cables and wire rope.



Internal Mechanics

EWCH-Series: Cylinder is driven by an external Enerpac pump.

EWCE-Series: Cylinder is driven by a radial pump powered by an electric motor



Typical Wire and Cable Cutting Applications

- Telecommunications
- Electrical installation and maintenance
- Power generation and transmission
- Shipbuilding

EWCH-Series Hydraulic Wire and Cable Cutters



EWCH-Series Hydraulic Wire and Cable Cutters

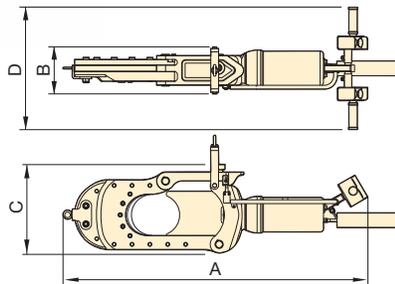
EWCH-Series Hydraulic Wire and Cable Cutters are ideal for use in production facilities where demanding, high-volume cutting applications are often encountered.

Each tool is driven by a specialized external hydraulic pump, which provides greater cutting force and allows for higher duty cycles compared with other cutter types.

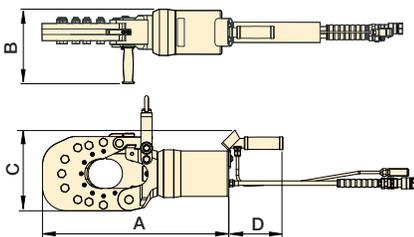
- ① Guillotine-style blades maintain effectiveness throughout rigorous use
- ② Cutting head can be opened and closed to help position material to be cut
- ③ Eyebolt facilitates easy lifting
- ④ Double-acting cylinder with advance and retract buttons improves control and reduces jamming
- ⑤ External hydraulic pump helps keep tool cooler and working longer (pump, hose, and pump coupler sold separately)



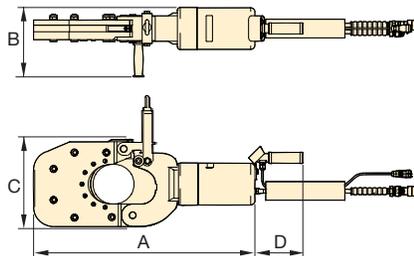
EWCH180



EWCH90



EWCH140



EWCH Series



Maximum Material Hardness (Cable):

43 HRC

Maximum Material Diameter:

3.54 - 7.09 inches

Maximum Operating Pressure:

10,000 psi



Pumps and Accessories

The EWCH-Series Cutters are designed to work with ZE6410X-Series pumps.

The pump and hose are sold separately. Both are required for the system to function. See page 19 for complete details on required pumps and accessories.

Cutter Model Number	Pump Model Number	Hose Model Number
EWCH90, EWCH140, EWCH180	ZE6410XG-S	CH720EC
	ZE6410XJ-S	
	ZE6410XK-S	
	ZE6410XW-S	



Optional gauges and accessories may be used to monitor pressure in the hydraulic circuit. Enerpac recommends **Gauge Kit GKHC** for use with Enerpac hydraulic cutters.

Maximum Material Diameter* (in)	Model Number	Maximum Material Tensile Strength* (psi)	Maximum Material Hardness* (HRC)	Maximum Cutting Force (tons)	Maximum Hydraulic Operating Pressure (psi)	Dimensions (in)				Wt. (lbs)	Replacement Blade Kit Number
						A	B	C	D		
3.54	EWCH90	94,275	43	61.8	10,000	22.9	11.1	9.9	6.7	119	EWCH9001K
5.51	EWCH140	94,275	43	61.8	10,000	30.8	9.7	12.2	6.7	198	EWCH14001K
7.09	EWCH180	94,275	43	89.0	10,000	53.7	8.3	15.8	21.7	330	EWCH18001K

* Maximum material properties indicated refer to the material to be cut.



EWCE-Series Electric Wire and Cable Cutters

Their lighter weight allows for easier carrying and positioning. Available in 120V and 230V versions.

EWCE-Series Electric Wire and Cable Cutters combine the efficiency and safety of their hydraulic counterparts with the greater portability of electric tools.

EWCE Series



Maximum Material Hardness:

48 HRc

Maximum Material Diameter:

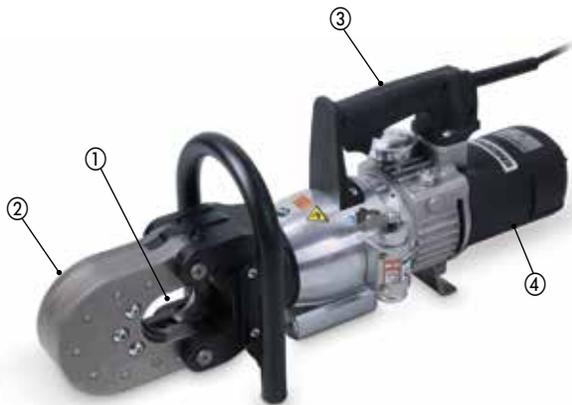
1.65 - 2.17 inches

Voltage:

120 and 230 Volts

* ETL certification applies to 120V tools only

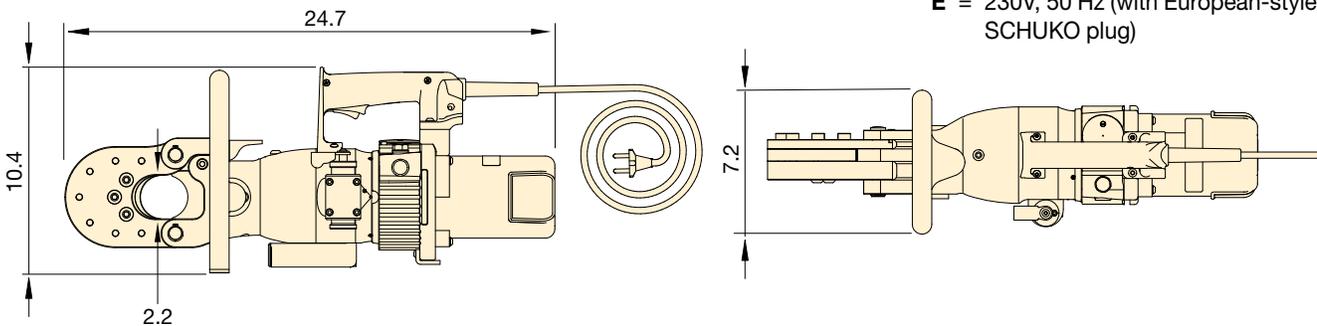
- ① Durable, guillotine-style blades maintain effectiveness throughout rigorous use
- ② Cutting head opens wide for easy positioning of wire or cable
- ③ Robust handles enable easy positioning and transport
- ④ Double-acting cylinder with directional control improves handling and reduces jamming



▼ Cut through wire and cables with ease.



Dimensions shown in inches.



Voltage: (Model No. ending with suffix)

B = 120V, 60 Hz (with American-style NEMA 6-15 plug)

E = 230V, 50 Hz (with European-style SCHUKO plug)

Max. Material Diameter* (in)		Power Specifications				Model No.	Maximum Material Hardness* (HRc)	Maximum Cutting Force (tons)	Cord Length (ft)	Weight (lbs)	Replacement Blade Kit Number
Cable	Rope	Volts	Hz	Amps	Watts						
2.17	1.65	120	60	11.0	1300	EWCE55B	48	38.2	6	55	EWCE5501K
2.17	1.65	230	50	6.8	1400	EWCE55E	48	38.2	10	55	EWCE5501K

* Maximum material properties indicated refer to the material to be cut.

WIRE & CABLE CUTTER Typical Applications

Cutting heavy-duty wire ropes and cables using traditional methods can be an arduous and hazardous job. The material must be held in place while the operator attempts to cut through it, usually with an angle grinder or gas saw. This generally results in a shower of sparks and occasionally a decimated blade.



Wire Rope Cutting

Cutting wire rope with the EWCE-Series Cutter is simple. The head opens to allow the rope to be positioned. The robust blades slice through it in seconds, allowing the job to be done safely and quickly with minimal sparks and little effort.



Power, Networking and Communications Cables Cutting*

Power transmission, networking and communication cables are often supplied in large spools and cut on site. The EWCE-Series Cutter can easily be transported to the application, and slices through cables up to 2.17" in diameter.



Large Cable Cutting

The powerful EWCH-Series cutters facilitate the cutting of large wire rope and cables. Driven by an external hydraulic pump, three different cutter options cut through cables up to 7" in diameter.

ADVANTAGES



▲ *The quick and clean way to cut cable and wire rope.*

PRODUCTIVITY

- A broad range of hydraulic and electric tools quickly and easily cut through cable and wire rope
- Highly durable blades outlast angle grinder or saw blades

SAFETY

- Controlled cutting process is safer than cut-off wheels
- Minimal sparks compared to alternative cutting methods

SIMPLICITY

- Head opens for positioning
- Wire Rope or Cable is held in place by blades during cutting process

*  Wire rope must be securely taped or bound to prevent unraveling during cutting process.



Represented By:

**#30, 3250 - 51 Ave NW
Edmonton, Alberta
Canada T6P 0E1**

**M: 780.469.6002
TF: 1.877.742.5367
F: 780.469.3257**

**www.pickford.com
Afterhours:
780.221.0331**