



# HYDRAULIC, ELECTRIC & MANUAL CUTTERS

The solutions provider for your industrial cutting needs



▼ Shown from left to right: EWCH90 and EWCE55E



## The Quick and Clean Way to Cut Cable and Wire Rope



### Internal Mechanics

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

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

### 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).



### Typical Wire and Cable Cutting Applications

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

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



# 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 and hose are sold separately).



## EWCH Series



Maximum Material Hardness:

**HRc 43**

Maximum Material Diameter:

**90 - 140 - 180 mm**

Maximum Operating Pressure:

**700 bar**



### Electric Pumps and Accessories

The EWCH-Series Hydraulic Cutters are designed to work with specialized ZE6-Series electric pumps. Pump models

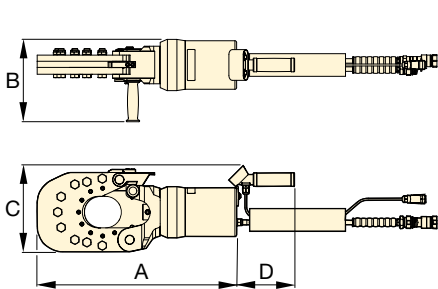
vary by voltage type. Pump and hoses are sold separately. Both are required for the system to function. See page 18 for complete details on required pump and accessories

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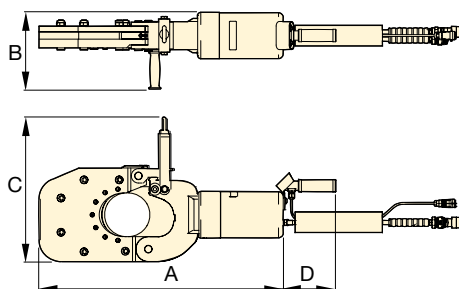


### Optional Gauge Kit GKHC

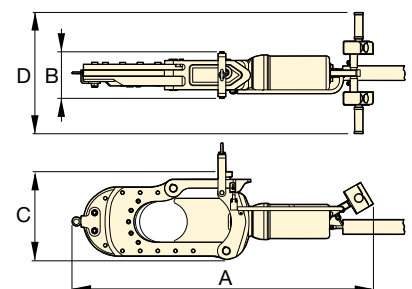
Optional gauge and accessories can be used to monitor pressure in the hydraulic system. Enerpac recommends **GKHC Gauge Kit** for use with Enerpac hydraulic cutters.



**EWCH90**



**EWCH140**



**EWCH180**

Maximum Material Diameter * (mm)	Model Number	Maximum Material Tensile Strength (daN/mm <sup>2</sup> )	Maximum Material Hardness * (HRc)	Maximum Cutting Force (kN)	Maximum Hydraulic Operating Pressure (bar)	Dimensions (mm)				Replacement Blade Kit Model Number	
						A	B	C	D		
90	<b>EWCH90</b>	65	43	550	700	582	282	251	169	54	<b>EWCH9001K</b>
140	<b>EWCH140</b>	65	43	550	700	782	246	309	169	90	<b>EWCH14001K</b>
180	<b>EWCH180</b>	65	43	774	700	1364	211	401	551	150	<b>EWCH18001K</b>

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

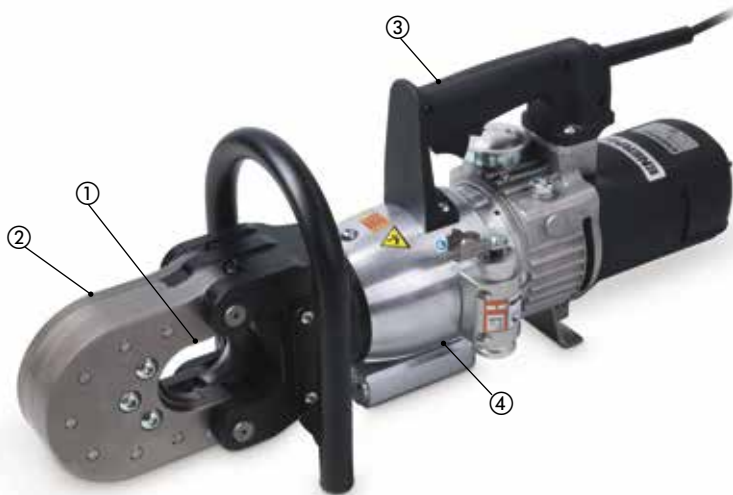


## EWCE-Series Electric Wire and Cable Cutters

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

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

- 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 rope and cables with ease.

## EWCE Series



Maximum Material Hardness:

**HRc 48**

Maximum Material Diameter:

**42 - 55 mm**

Voltage\*:

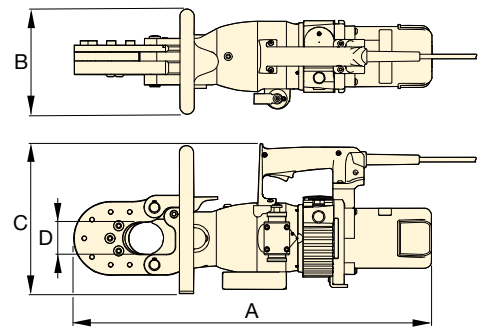
**120 and 230 V**

\* ETL certification applies to 120 Volt tools only.

### Voltage: (Model Number ending with suffix)

**B** = 120V, 60 Hz (with American-style NEMA 1-15 plug)

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



Maximum Material Diameter* (mm)		Power Specifications				Model Number	Maximum Material Hardness* (HRc)	Maximum Cutting Force (kN)	Dimensions (mm)				Cord Length (m)	Weight (kg)	Replacement Blade Kit Model Number
Electric Cable	Wire Rope	Volt	Hz	Amps	kW				A	B	C	D			
55	42	120	60	11	1,3	<b>EWCE55B</b>	48	380	627	183	264	56	1,8	25	<b>EWCE5501K</b>
55	42	230	50	6,8	1,4	<b>EWCE55E</b>	48	380	627	183	264	56	3,0	25	<b>EWCE5501K</b>

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





## Pumps & Accessories for EBH & EWCH-Cutters

EBH-Series Bar Cutters and EWCH-Series Wire and Cable Cutters are powered by an external pump with an electric valve.

A twin hydraulic hose and electric cable connect the tools to the pump, allowing the user to operate them directly from a control panel located on the cutters.



### ZE4-Series Pumps

Specialized **ZE4-Series** pumps provide a balance of speed and versatility, and are available in 115 and 230 volts. Recommended for use with **EBH30** and **EBH35** cutters when portability, or the convenience of using standard voltage is required.



### ZE6-Series Pumps

Specialized **ZE6-Series** 3-phase pumps offer a high-flow rate that provides fast performance for demanding applications. Recommended for **EBH52** and all **EWCH** cutting applications where speed is critical, or where higher flow rates are required by the application.

## ZE Series



Reservoir Capacity:

**4,6 - 9,8 litres**

Motor Size:

**1,1 - 5,6 kW**

Maximum Operating Pressure:

**700 bar**



### Optional Gauge Kit GKHC

Optional gauge and accessories can be used to monitor pressure in the hydraulic system. Enerpac recommends **GKHC Gauge Kit** for use with Enerpac hydraulic cutters.



### Hoses

EBH- and EWCH-Series Cutters require a twin hose with an electric cable. The hose comes equipped with the appropriate couplers.

Required hoses sold separately.

Description	Model Number
6,1 m long, twin hose with couplers, sheath & electric cable	<b>CH720EC</b>

### Pump Voltage 1-phase: (Model Number ending with suffix)

**B** = 120V, 60 Hz (with American-style NEMA 5-15 plug)

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

**I** = 230V, 50 Hz (with NEMA 6-15 plug)

Pump Series	Pump Model Number *	Motor Electrical Specifications (Volt - Phase, 50-60 Hz)	Motor Size (kW)	Reservoir Capacity (litres)	Dimensions (mm)			Weight (kg)	Required Twin Hose Model Number (Sold separately)	Compatible Cutter Model Number (Sold Separately)
					Height	Length	Width			
ZE4	<b>ZE4404XB</b>	115 V - 1 ph	1,1	4,6	513	521	279	45	<b>CH720EC</b>	<b>EBH30 EBH35</b>
	<b>ZE4404XE</b>	208-240 V - 1 ph								
	<b>ZE4404XI</b>	208-240 V - 1 ph								
ZE6 <sup>1)</sup>	<b>ZE6410XG-S</b>	208-240 V - 3 ph	5,6	9,8	384	559	384	77	<b>CH720EC</b>	<b>All EBH and EWCH-Series Cutters</b>
	<b>ZE6410XJ-S</b>	460-480 V - 3 ph								
	<b>ZE6410XK-S</b>	440 V - 3 ph								
	<b>ZE6410XW-S</b>	380-415V - 3 ph								

\* Indicated pumps come equipped with appropriate configurations to work with indicated cutters.

<sup>1)</sup> ZE6 pumps are available with roll cages. To add a roll cage, add an "R" prior to the "S" in the model number: example ZE6410XG-RS.



## THE RIGHT TOOL MAKES ALL THE DIFFERENCE

Enerpac Cutters are part of a wide range of specialized tools designed to provide quick, safe and cost-effective solutions in construction, mining, manufacturing and many other industries. This range of tools includes a wide variety of solutions from hydraulic punches, wedges and benders to associated pumps. Enerpac's highly experienced engineering team can also provide customized solutions. Enerpac is your partner for mission-critical specialty tools and solutions.

**ELITE TOOLS. FOR ELITE PROFESSIONALS.**



Nut Cutters



LG-Series, Lock-Grip Pullers



SP-Series, Hydraulic Punches



STB-Series, Pipe Benders



LW-Series, Lifting Wedges



Hydraulic Pumps