

CEL Range

Electric Shears

CEL shears have become a reference in the market for cutting rebar: a range of four models with the highest performance for heavy duty cutting jobs.

Reliable, strong and durable. Highly resistant thanks to its cast-iron monoblock machined chassis. Excellent output in intensive rebar jobs, able to work more than 8 hours daily at construction sites or at rebar workshops

Specially recommended for rental fleets as high profitability, low maintenance running costs and durability, allowing long-term rentals.

Single-phase 230V motor version available for model **CEL 36 P**, which allows operation without a three phase electric supply from mains or gensets.

All **CEL** shears models are fitted with the compulsory safety systems and devices to comply with all international safety regulations:

- **Mechanical** safety devices: a shield covers the cutting jaw and blades. It prevents accidental operation as it locks foot and hand control.
- **Electrical** safety devices: emergency stop and low voltage cut-off device prevent the machine reloading after a supply cut. 60Hz motor versions are fitted with magneto-thermal breaker switch that stops the motor running on unstable supply.

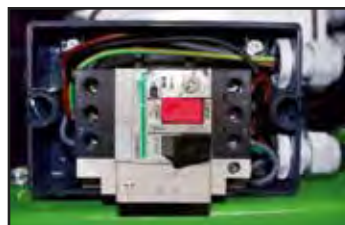


CEL 42 P with elevator bench (optional)

FEATURES AND BENEFITS OF THE CEL RANGE



Interchangeable 4 faced long life cutting blades (set of 2 pcs.).



Magneto-thermic ON/OFF switch.



Oil bathed trapezoidal and Helicoidal gears for heavy duty.



High end quality bearings.



Safety shield, fast and easy to use.



Heavy cast-iron monoblock chassis.



Inner components tempered for extended working life.



Lifting hook for easy transportation and shifting.

Long-life and top performance.

- Those inner components subject to continuous wearing and stress are tempered to ensure longer working life.
- Higher traction force and smooth running thanks to its oil bathed trapezoidal and helicoidal gears ensuring top performance for heavy users, and minimizing maintenance.
- High efficiency electric motor IE3 type. Featured with impact clutch which prevents slippery on cutting impacts and optimizes performance and accuracy.
- Interchangeable 4 faced long life cutting blades, rectangular shaped and made of chrome-steel.
- Comfortable and ergonomic foot or hand control with safety shield.
- Integrated lifting hook and lever + transport wheels to ease final positioning at site.



Cutting capacity

Yield strength / Grade	Re=N / mm ² 480 / G-60						Re=N / mm ² 650 / G-75					
	Rm=N / mm ² 650						Rm=N / mm ² 850					
Tensile strength												
No. x	1		2		3		1		2		3	
	mm	in / #	mm	in / #	mm	in / #	mm	in / #	mm	in / #	mm	in / #
CEL 36 P	Ø30	1-1/8" / 9	Ø20	3/4" / 6	Ø16	5/8" / 5	Ø25	1" / 8	Ø20	3/4" / 6	Ø16	5/8" / 5
CEL 42 P	Ø35	1-3/8" / 11	Ø25	1" / 8	Ø16	5/8" / 5	Ø32	1-1/4" / 10	Ø25	1" / 8	Ø16	3/4" / 6
CEL 52 P	Ø40	1-1/2" / 11	Ø25	1" / 8	Ø16	5/8" / 5	Ø40	1-1/2" / 11	Ø25	1" / 8	Ø16	3/4" / 6
CEL 55 P	Ø45	1-3/4" / 14	Ø32	1-1/4" / 10	Ø22	7/8" / 7	Ø40	1-3/4" / 14	Ø32	1-1/4" / 10	Ø20	3/4" / 6

	CEL 36 P					CEL 42 P		
	1 - PHASE		3 - PHASE		3 - PHASE	3 - PHASE		3 - PHASE
Item code	8055	8057	8054	8058	8039	8061	8072	8073
Motor voltage (V)	230		230 / 400			230 / 400		
Frequency (Hz) / In (pins)	50 / 3P	60 / 3P	50 / 4P	50 / 5P	60 / 4P	50 / 4P	50 / 5P	60 / 4P
Kw (Hp)	1,5 (2)	2,2 (3)	1,5 (2)			3 (4)		
Cuts / minute	110					100		
Oil capacity (L. / Gal.)	1/0,26					1,3/0,34		
Net weight (Kg. / Lbs.)	247 / 544,5					391,6 / 863,3		
Packaging dimensions L x W x H (mm / in)	1110 x 710 x 970 / 43,7" x 27,95" x 38,19"					1110 x 710 x 970 / 43,7" x 27,95" x 38,19"		

	CEL 52 P			CEL 55 P		
	3 - PHASE		3 - PHASE	3 - PHASE		3 - PHASE
Item code	8074	8075	8076	8081	8082	8083
Motor voltage (V)	230 / 400			230 / 400		230 / 400
Frequency (Hz) / In (pins)	50 / 4P	50 / 5P	60 / 4P	50 / 4P	50 / 5P	60 / 5P
Kw (Hp)	4 (5,5)			3 (4)		
Cuts / minute	88			50		
Oil capacity (L. / Gal.)	1,3 / 0,34			9 / 2,37		
Net weight (Kg. / Lbs.)	485 / 1069			666 / 1468		
Packaging dimensions L x W x H (mm / in)	1110 x 710 x 970 / 43,7" x 27,95" x 38,19"			1220 x 775 x 1130 / 48" x 30,51" x 44,48"		