

**KOBRA<sup>®</sup>**

# *Cyclone + Compactor C-500*

Multipurpose  
High Volume  
Industrial Shredder + Compactor

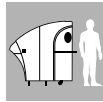


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# Kobra Cyclone + Compactor C-500



## Multi-Purpose high volume industrial shredder

- Specially designed for large quantities of paper, cardboard, carton boxes, Floppy disks, Blu-Ray, CDs, DVDs and even aluminium cans and plastic bottles
- Innovative shredding system based on a turbine combined with High Speed Rotating Blades delivers any level of security and bulk reduction required for the application
- Shreds up to 500 sheets of paper at a time regardless of the particle size
- Shredding output up to 420 Kg. (940 lbs) of paper per hour (Theoretical output)
- Particle size (security level) can be changed easily at any time to meet the required security level for the material being shredded
- No oiling of cutting knives. No lubrication. Easy to use without any maintenance operation
- Shredding system based on air flow delivers the highest level of reliability
- Just drop up to 500 sheets of paper into the turbine chamber and leave it to the Cyclone. The Cyclone will get the job done. The Kobra Cyclone does it all quickly and with no jams. It also turns automatically off when shredding is completed for maximum energy and time efficiency
- Delivered with built-in trolley for easy transport and replacement of the disposal bag
- Kobra Cyclone with the Kobra Compactor C-500 compresses and reduces the volume of the shredded paper



Rear window for easy checking of waste bag level

### KOBRA CYCLONE

Kobra Cyclone is the ultimate development in shredding technology. Blades rotating at a very high speed combined with the power of a turbine providing the unit with an airflow allow the shredding of up to 500 sheets of paper at a time as well as the shredding of many other types of materials into 5 different available particle sizes. The size of the particles (Security Level) can be chosen when ordering the machine and it will always be possible to change the Security Level any time after installation of the unit with a simple operation to adapt to any shredding need. Shredding capacity of 500 sheets at a time remains unchanged with any Security Level installed in the machine. A rear window allows easy checking of waste bag level while plastic bags can be easily removed and disposed of assisted by the built-in-trolley. Kobra Cyclone is also equipped with an integrated vacuum system specifically designed to provide the operator with clean and dust free shredding environment. The Cyclone is built with a double insulated shredding chamber and special plastic outer housing enclosure for low noise operation. Kobra Cyclone can reach an impressive shredding output of 420 Kg. (940 lbs) per hour (Theoretical output) without requiring any oiling of cutting knives or special maintenance. This makes the Kobra Cyclone easy to use for everybody at the office.

### KOBRA CYCLONE + COMPACTOR C-500

The Kobra Compactor model C-500 is designed to work with the Cyclone industrial shredder when paper is being shredded. When shredding other materials, you simply remove the compactor and use standard Cyclone disposal bags. This optional accessory compresses and reduces the volume of the shredded paper by 4 to 5 times to minimize the space required for disposal. Easy to install and operate, the Kobra Compactor C-500 and will work with any Cyclone security level screen. Compacted shredded paper can be collected into any type of container or into plastic waste bags.



Kobra CYCLONE (standard version)  
Kobra Cyclone utilizes a plastic waste bag to store shredded materials in an internal storage compartment. Full bags are easily removed and disposed of assisted by the built-in-trolley

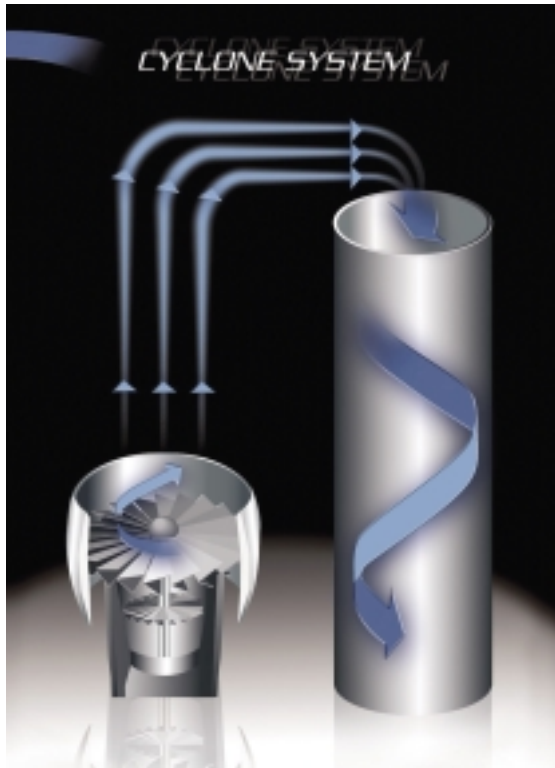


**Kobra CYCLONE + COMPACTOR C-500**  
Kobra Cyclone can be attached to the optional Compactor model C-500 designed to reduce by 4-5 times the volume of the shredded paper

\* Collection bin not included. Shredded and compacted paper can be collected into any type of container or into plastic waste bags

\* Kobra Compactor C-500 is designed and suitable for compacting paper only

**KOBRA CYCLONE**  
how it works, the technology



*Kobra Cyclone can shred 500 sheets of paper at a time and Cardboard, Carton Boxes, Floppy disks, Blu-Ray, CDs, DVDs, Credit Cards, Plastic Bottles and Aluminium Cans*

Kobra Cyclone is equipped with a turbine generating a high pressure air flow and sets of high speed rotating blades. By making the air stream spin, particles are subjected to centrifugal forces and deposited from the air flow into the disposal bag. This unique shredding system, delivers the highest shredding performance and efficiency along with maximum flexibility in choosing the correct Security and bulk reduction Level for a given application. Cyclone does not require the special maintenance and complicated oiling procedures that other machines with similar output rates do. Cyclone is designed for high volume shredding and maintenance free operation.

**Control panel**



Kobra Cyclone is operated through a conveniently located and easy to use control panel. Just press the start button, throw the material into the large entry opening and leave. Kobra Cyclone will automatically shred everything and go into stand-by mode when shredding is completed. A Load Meter positioned in the center of the control panel measures the actual load on the turbine and on the rotating blades and shows the operator the availability of the shredding capacity at any time during intensive and continuous shredding jobs. By following the Load Meter indications the operator can take advantage of the full shredding output and power of the Kobra Cyclone.

**Available security levels**

5 different Security Levels are available with the Kobra Cyclone. It is possible to switch the machine to any of the available Security Levels by a simple modification which takes only a few minutes. This unique feature allows the Cyclone to produce the output particles which meet the requirements of the most demanding applications in terms of bulk reduction, shredding speed and security. The highest Security Level (Level 006) sets the machine for high security shredding, maximum bulk reduction of shredded material and minimum shredding output per hour. At the other end of the spectrum the lowest Security Level sets the machine for minimum bulk reduction of shredded material and maximum shredding output per hour. Shredding capacity of the Kobra Cyclone will remain at 500 sheets regardless of the Security Level installed. The following chart is a helpful guide for choosing the correct set up on the Kobra Cyclone and it shows with a 1:1 ratio the available Security Levels and the suggested use of each Level according to shredding output per hour.

Livello 006	Livello 005	Livello 004	Livello 003	Livello 002
<i>High Security shredding for very classified documents. Military and Government use. Similar to Level 6 Security Level DIN 32757. Maximum bulk reduction of shredded material. Shredding output 70-80 Kg. (155-180 lbs) per hour (Theoretical Output)</i>	<i>High Security, suitable for Embassies, Military and Government offices. Similar to Level 5 Security Level DIN 32757. Very high bulk reduction of shredded material. Shredding output 100-120 Kg. (225-265 lbs) per hour (Theoretical Output)</i>	<i>Security Level suitable for destruction of classified documents. Increased bulk reduction of shredded material. Shredding output 200-230 Kg. (445-500 lbs) per hour (Theoretical Output)</i>	<i>This Security Level is suggested for most common commercial shredding jobs. Similar to Level 3 Security Level DIN 32757. Combines an excellent degree of security, bulk reduction of shredded material and shredding output. Shredding output 300-320 Kg. (670-715 lbs) per hour (Theoretical Output)</i>	<i>Low degree of bulk reduction of shredded paper. Shredding output 400-420 Kg. (900-940 lbs) per hour (Theoretical Output)</i>



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# Kobra Cyclone + Compactor C-500



## KOBRA CYCLONE

Throat size (WxH) 325x220 mm (13x19 inch)

Capacity: up to 500 sheets at a time

Standard available Security Levels:

Level 006	} see specifications in this brochure
Level 005	
Level 004	
Level 003	
Level 002	

Additional Security Levels for the Cyclone are available through the Kobra Special Application Program

Shreddable material: Paper, CDs, DVDs, Floppy disks, Blu-Ray, credit cards, cardboard, carton boxes, plastic bottles, aluminium cans

Shredding system: Turbine + High Speed Rotating Blades

Shredding output: From 80 up to 420 Kg. (180 to 940 lbs.) per hour (Theoretical output)

Noise Level\*: 75/85 dba

Credit Cards capacity 45.000 per hour

CD-ROM/DVD capacity 15.000 per hour

Floppy Disk capacity 7.000 per hour

Waste bag volume 400 Litres (100 gal.)

Voltage 380/400 -3 phases + neutral (220 V - 3 phases for North America)

Power 6,0 Kw (8 hp)

Manual start / Automatic stop

Automatic bag full stop with light signal

24 hour continuous duty motor

Motor thermal protection

Dimensions (WxDxH) 80 x 212 x 210 cm (32 x 85 x 84 in.)

Weight: 220 Kg. (500 lbs)

ACCESSORIES: Screens, Plastic waste bags / Filter bags

\* Noise varies on local voltage

## KOBRA COMPACTOR C-500

Voltage 380/400 -3 phases + neutral (220 V - 3 phases for North America)

Power 2,2 Kw (3 hp)

Dimensions (WxDxH) 100x60x148 cm (39x23x58 inch)

Weight: 190 Kg (420 lbs)

ACCESSORIES: Plastic waste bags

**KOBRA**® is registered trademark

**KOBRA**® shredders are built according to CE standards and carry the most international recognized safety marks.

Specifications in this publication are subject to change without notice.

Authorized dealer



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ISO 9000 REGISTERED QUALITY COMPANY

## Multipurpose high volume industrial shredder with special compactor

### KOBRA CYCLONE + COMPACTOR C-500

#### KOBRA CYCLONE

- Throat width (WxD): 325x220 mm.
- Security Level: 002, 003, 004, 005, 006
- Shreddable material: paper, CDs, DVDs, Floppy-disks, Blu-ray, credit cards, cardboard, carton boxes, plastic bottles aluminium cans
- Shredding output: up to 420 Kg/hour (theoretical output)
- Sheet capacity (A4/70 gr. paper): 500 sheets at time
- Credit card capacity: 45.000/hour
- CD / DVD / Blu-ray capacity: 15.000/hour
- Floppy Disk capacity: 7.000/hour
- Noise level: 75-85 dba (noise varies on local voltage)
- Bag volume: 400 liters
- Automatic bag full stop with light signal
- Voltage: 380/400 V. – 3 phases + neutral
- Power: 6,0 Kw. EFF 1 high efficiency motor. No overheating
- Motor thermal protection
- Manual start / automatic stop with stand-by function
- Dimensions (WxDxH): 80x212x210 cm.
- Weight: 220 Kg.
- Accessories: 400 litre plastic waste bags (10 pcs) cod. 51.221, filter bags (10 pcs) cod. 51.225, security Level screens: 002 cod. 51.205 - 003 cod. 51.204 - 004 cod. 51.203 - 005 cod. 51.202 - 006 cod. 51.201
- Packaging: 1 unit packed in a wooden crate, EAN n. 8026064991001

#### KOBRA COMPACTOR C-500

- Voltage: 380/400 V. – 3 phases + neutral
- Power: 2,2 Kw
- Dimensions (WxDxH): 110x60x148cm.
- Weight: 190 Kg.
- Accessories: 400 litre plastic waste bags (10 pcs) cod. 51.221
- Packaging: 1 unit placed in a box on 1 pallet, EAN n. 8026064991018

Manufacturer: ELCOMAN S.R.L.  
 Brand: KOBRA  
 Model: KOBRA CYCLONE + COMPACTOR C-500  
 Article code: 99.100 + 99.101



Equipped with EFF 1 high efficiency motor. Can save up to € 200,00 of electrical energy/year

#### Kobra Cyclone

Industrial shredder designed for large quantities of paper (500 sheets at time), CDs, DVDs, Blu-ray, Floppy-disks, credit cards, cardboard, carton boxes, aluminium cans and plastic bottles. Kobra Cyclone complies with the shredding standards of ASIO - Australian Security Intelligence Organisation - T4 Protective Security. Security Level 006 meets the NSA/CSS Specification 02-01 of National Security Agency.

- Innovative shredding system based on a turbine combined with high speed rotating blades
- 5 different Security Levels; it is possible to switch the machine to any of the available Security Levels by a simple operation which takes only a few minutes
- No oiling of cutting knives, no lubrication. Easy to use without any maintenance operation
- Control panel: just press the start button, throw the material into the large entry opening and leave; Kobra Cyclone will automatically shred everything and go into stand-by mode when shredding is completed. A Load Meter measures the actual load on the turbine and on the rotating blades and shows the operator the availability of the shredding capacity at any time during intensive and continuous shredding job
- Integrated vacuum system specifically designed to provide the operator with clean and dust free shredding environment
- Double insulated shredding chamber and special plastic outer housing enclosure for low noise operation

#### Kobra Compactor C-500

Optional accessory designed to work with the Cyclone industrial shredder when paper is being shredded. When shredding other materials, you simply remove the compactor and use standard Cyclone disposal bags. Kobra Compactor C-500 compresses and reduces the volume of the shredded paper by 4 to 5 times to minimize the space required for disposal. Easy to install and operate, it works with any Cyclone security level screen.



**Easy to use**  
 Just press the start button, throw the material into the large entry opening and leave



**Wide throat**  
 Kobra Cyclone can shred up to 500 sheets of paper at a time, credit cards, CDs, DVDs, Blu-ray, floppy-disks, Cardboard, plastic bottles, aluminium cans



**Kobra Cyclone**  
 (standard version)  
 Utilizes a plastic waste bag. Full bags are easily removed and disposed of assisted by the built-in-trolley



**Kobra Cyclone + Compactor C-500**  
 Shredded and compacted paper can be collected into any type of container or into plastic waste bags