



Office Shredders  
Guillotines and Trimmers

**KOBRA**<sup>®</sup>  
*Advancing Technology*

# ELCOMAN

## Company Profile



# Global market leader in the development and production of document shredders and data destruction equipment

ELCOMAN is one of the largest worldwide manufacturers of document and data security shredders.

Headquarters are located 20 Km north of the city of Milan: the company started production **in 1985** and it has now reached 150.000 units/year, which are totally designed and manufactured in Italy.

Paper shredders, guillotines and trimmers are distributed in **over 90 countries** under the **KOBRA brand name**. A far reaching efficient network of agents, distributors and dealers provide customer support, advice and the best assistance.



Headquarters and production sites are located at Bovisio Masciago (20 Km north of Milan)

# Elcoman, an excellence of Made in Italy for over 35 years

## 1985 - 1995

ELCOMAN begins to manufacture paper shredders in Italy. The company is the first manufacturer to pioneer the “**electronic eyes**” system for auto start/stop. The first shredder line is basically built using metal while any plastic material was limited to few components. Elcoman develops the **cross cut technology**: beside the development of commercial office shredders, the final goal is to build a High Security product for Government use which could handle staples and clips accidentally inserted into the machine; the required reliability and durability were reached after hundreds of tests on different type of steels and cutting technologies. Elcoman starts a cooperation and an intensive project with **Mario Saroldi**, an industrial designer working in the automotive business which leads to the introduction of **a new range of paper shredders**.

## 1995 - 2005

**A high precision and sturdy gear box is developed and patented by Elcoman.** This unique driving system is still today at the heart of the KOBRA range. Reliability and long-lasting operation are the features of this driving system: the new KOBRA range is exported in 70 countries worldwide. In 1997 Elcoman’s manufacturing system is **Certified ISO 9000**. The KOBRA 240 range is launched on the market and it’s the first shredder **capable to shred CDs/DVDs and Floppy Disks** in addition to paper with a **24 hours continuous duty motor** allowing continuous shredding operations without the inconveniences of stops for overheating or duty cycle. Research and innovation lead to the development of a new model suitable for **centralized shredding operations** where a full office waste bin can be emptied into the shredder’s hopper with rotating flaps automatically taking care of the shredding process of the material.

## 2005 - 2010

The National Security Agency of the US Government sets the global strictest standards for shredding of classified documents. A new KOBRA HS-6 line is developed. The new line is approved by the NSA and included into the NSA-EPL list of approved shredders. In 2005 Elcoman patents the exclusive “**Energy Smart System**” controlling the electrical consumption in stand-by mode and automatically turning the machine in power save mode in case of no use. New KOBRA models are equipped with an “**Automatic Oiling System**” and “**Throw and Shred System**” together with a **double set of cutting knives** which become standard in selected KOBRA models.

## From 2010 to today

A **Touch Screen technology** is developed to control the shredder’s functions and together with **LED display** to monitor the status of the machine during operations. The *Automatic Oiling System* is integrated into the machines and a “**Metal Detection System**” is an option for High Security machines. Safe and fast shredding are allowed through new **conveyour belt machines** or shredders equipped with **automatic feeding systems**.

Elcoman proves again to be at the leading edge of the data security market by developing the KOBRA SSD disintegrator, a special **Solid State Drive shredder** capable to reduce in powder SSDs, Smartphones, Tablets, digital memories, USBs, electronic cards, credit cards, CDs and DVDs. The latest Elcoman development is the Hybrid Technology. The **KOBRA Hybrid Power Management System** utilizes the energy stored during each shredding cycle to improve efficiency and to disconnect the machine from power supply. The KOBRA Hybrid System allows up to 15% of shredding through the stored energy.

# KOBRA brand values

QUALITY  
INNOVATION  
DESIGN  
TECHNOLOGY

## **KOBRA quality is: usability**

we make products that are renowned for their performance, reliability and easy to use.

## **KOBRA innovation is: something special**

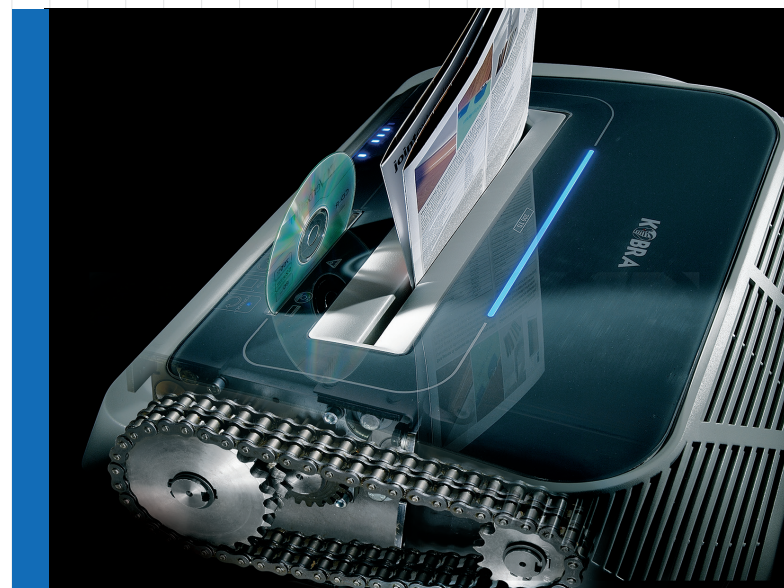
we are committed to consistently provide “something special” in our products, technologies and approach to markets.

## **KOBRA design is: distinctive**

we design functional products with elegant lines and innovative finishes and materials.

## **KOBRA technology is: certified**

we make products which are officially certified according to the strictest international security standards.





# Kobra is a guarantee of security and quality

KOBRA SHREDDERS COMPLY WITH THE MOST RECOGNIZED INTERNATIONAL SAFETY STANDARDS

KOBRA products are second to none. The **high quality** you expect from Made in Italy makes each item unique and at the leading edge of the market.

Elcoman can guarantee that **each and every part is made with painstaking attention to detail using the most reliable and durable materials** - just take a look at our knives, blades, chain and steel gears. We deliver incomparable durability and highly innovative technological systems.

Elcoman is ISO 9001 certified



All KOBRA shredders comply with recognized international safety standards.

# The Kobra brand means authority in Data Security

## ALL KOBRA SHREDDERS COMPLY WITH THE MOST RECOGNIZED HIGH SECURITY GOVERNMENT STANDARDS

The **CIA**, the **National Security Agency**, **ASIO** in Australia, **Minister of Defence** in the UK and the **Japanese Ministry** of Post & Telecommunication are regular users of the KOBRA HS High Security range.

KOBRA HS security level P-6 shredders **meet NATO security criteria**.

KOBRA HS-6 and KOBRA Cyclone shredders

at security level P-7 **are approved by and comply to NSA/ CSS Specification 02-01 standards** of the US Government National Security Agency **and the CPNI** in the Minister of Defense of the UK.

The special 0.8x5 mm cut allows a single sheet paper to be shredded into about 16.000 pieces which are completely illegible even under an electronic microscope.

All shredders are approved by and comply to the destruction criteria set out by **ASIO** - Australian Security Intelligence Organisation - T4 Protective Security.

All guillotines are built according to the **Safety Standards BS 5498** (British Standards).



**During the G8 and G7 summits** the special KOBRA 240 HS High Security shredder was supplied to the Presidents and Prime Ministers of Italy, USA, France, Canada, Japan, UK, Russia and Germany for the maximum security destruction of their documents.

# Research and Development is the driving force at Elcoman

## WE OFFER INNOVATIVE PRODUCTS WITH A DISTINCTIVE COMBINATION OF STYLE AND PERFORMANCE

We are constantly searching for innovative solutions. An intelligent approach to product innovation and commerce, inspired by insights from offices around the world, the Elcoman family's entrepreneurship and commitment to new ideas.

**We don't follow market requirements: with our products we change and set the new standards in the market.**

Each KOBRA product is designed and built with obsessive attention to detail, aiming at perfection and the outcome is a product second to none.

**The KOBRA range comes with "something special":**

- **"Easy to use"** products that perform efficiently
- **Innovative combination** of materials and finishes
- **Reliability, style and quality**
- **Made in Italy** and our **manufacturing heritage**



# High added value products

**RESILIENT AND DURABLE MATERIALS  
EXCLUSIVE TECHNOLOGICAL SOLUTIONS  
ELEGANT DESIGN**

**SUPER POTENTIAL POWER UNIT: the power with the force and the durability of the steel.**

Drive system for many years of trouble and service free operation. **SPECIAL CARBON HARDENED STEEL GEARS AND METAL CHAIN DRIVE SYSTEMS** ensure operational reliability and resistance to stress and mis-use, unmatched by the more economical and common transmissions made of plastic gears which are found in most products on the market.

KOBRA shredders are equipped with **24 HOUR CONTINUOUS DUTY MOTORS for long shredding operations**, they are not affected by the Duty Cycle concept - which are typical of most of the products on the market - and deliver the maximum daily shredding capacity.

KOBRA shredders can be operated for any length of time without interruption by long and inconvenient waiting times due to overheating.





# KOBRA Patented Technological Systems

**ELCOMAN IS AT THE LEADING EDGE OF THE MARKET FOR THE HIGHLY INNOVATIVE FEATURES OF THE KOBRA RANGE**

**Distinction is clear in the awareness of environmental issues: focus on energy power saving, hybrid technology and easy recycling of shredded material.**

**ENERGY SMART®: power saving stand-by mode to save energy and protect the environment.**

Available exclusively on the KOBRA range of shredders, ENERGY SMART® saves energy and protects the environment by reducing emissions responsible for the Global Warming. The energy consumption of the paper shredder is managed by a dedicated software which operates in conjunction with illuminated optical indicators located on top of the machine. A KOBRA shredder requires electrical energy only during use.

**Once shredding operation is completed, the system management software will automatically activate the power saving stand-by mode making sure that no more electrical energy is drained from the power source.**

**EASY RECYCLING OF SHREDED MATERIAL:** double removable waste bin allows the **separation of the shredded paper from the plastic shreds** of floppy disks, cds, dvds and credit cards. Many Kobra shredders come with two integrated waste bins to separate automatically paper shreds from plastic shreds.



# KOBRA Technological Systems

**ELCOMAN IS AT THE LEADING EDGE OF THE MARKET FOR THE HIGHLY INNOVATIVE FEATURES OF THE KOBRA RANGE**

## **AUTOMATIC OILING SYSTEM**

An **Automatic Oiling System** on your shredder completely eliminates the need to manually oil the unit. Not only does this protect the blades with anti-corrosive agents, but ensures maximum reliability, efficiency and capacity.

## **SHRED GUARD METAL DETECTOR**

The **Shred Guard Metal Detector** provides High Security shredders with additional protection against large metal objects inadvertently introduced into the shredder. *Shred Guard* stops the machine immediately preventing any possible damage to the cutting system. A flashing blue light warns the operator of the presence of metal.

## **AUTOMATIC REVERSE SYSTEM**

KOBRA shredders are equipped with a special **Auto Reverse System** which detects the thickness of the paper entering the shredder and automatically rejects the paper in case of accidental jam.



# KOBRA Technological Systems

**ELCOMAN IS AT THE LEADING EDGE OF THE MARKET FOR THE HIGHLY INNOVATIVE FEATURES OF THE KOBRA RANGE**

The KOBRA **Hybrid POWER MANAGEMENT TECHNOLOGY** utilizes stored energy during each and every shredding cycle to improve efficiency, performance and to disconnect the machine from power supply: this system **allows up to 15% of the shredding through the stored energy.**

Through an efficient **OIL-FREE AUTOMATIC FEED** shredding system and a 300 sheet paper tray walk-away shredding has never been so easy.  
An Electronic Combination Lock (optional) protects document from unauthorized persons.

KOBRA shredders are also equipped with the exclusive technologies: **TURBO BOOST SYSTEM, THROW AND SHRED SYSTEM, AUTOMATIC START&STOP, SAFETY STOP, ELECTRONIC POWER CONTROL.**



# KOBRA Cyclone and KOBRA Compactor C-500

INDUSTRIAL SHREDDER DESIGNED FOR LARGE QUANTITIES OF MATERIAL:  
PAPER, CREDIT CARDS, CDs, DVDs, FLOPPY DISKS, ALUMINIUM CANS, PLASTIC BOTTLES

The **CYCLONE SYSTEM** is the ultimate development in shredding technology available on the KOBRA Cyclone shredder. 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 turbine generates a high pressure airflow and by making the air stream spin, particles are subjected to centrifugal forces and deposited from the airflow 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.

KOBRA **COMPACTOR 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 will work with any security level screen. Compacted shredded material can be collected into any type of container or into plastic waste bags easy to dispose of by the built-in-trolley.





# SSD High Security Disintegrator

AT ELCOMAN TECHNOLOGY IS ALWAYS ON THE MOVE

**KOBRA**<sup>®</sup>  
Advancing Technology

The **SSD** is a **SOLID STATE DRIVE DISINTEGRATOR** equipped with an exclusive two stage of destruction system (HS Model) capable of destroying into powder solid state drives, smartphones, memory sticks, iPads, USB memory devices, pen drives, tablets, circuit boards, credit cards and ID cards with embedded electronic chip and/or magnetic media, CDs/DVDs, flash memory IC chips, CPU chips with internal ROM and/or flash memory.

Kobra SSD has been approved by NSA and meets the requirements of *NSA/CSS Specifications* for Solid State Devices destruction: **shredded material is reduced to sand-like texture particles (HS Model).**



# A Kobra product will always work easily and efficiently

**KOBRA QUALITY, INNOVATION AND DESIGN TURN DAILY SHREDDING JOBS INTO EASY AND WELL DONE JOBS**

We are “born to do” and are passionate about innovating and making outstanding quality products. We always keep our promises.

Manufacturing office shredders since 1984, Elcoman is an Italian, family run company which operates with a unique combination of entrepreneurial energy and understated style.

The Kobra brand stands for assurance, clarity and integrity in its commitment to provide security in the document and data destruction market.





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