



How to choose the shredder
that best matches your needs

Shredding machines for documents, optical media, magnetic,
electronic and digital media (smartphones, SSD, HDD...)

ELCOMAN

MADE IN ITALY



How to choose the shredder that best matches your needs

-  **ELCOMAN is one of the largest worldwide manufacturers of document and data security shredders.** Headquarters are located near Milan. The company started production in 1985 and it has now reached 150.000 units/year, which are totally designed and manufactured in Italy.
-  **Quality and professional**
KOBRA shredders offer the highest shredding and security performances with the widest choice ever of shredding solutions.
-  **KOBRA means authority in data security**
All Kobra shredders comply with the most recognized High Security government standards.



TOUCH SCREEN LINE

Main features (page 3)



CLASSIC e HYBRID LINE

Main features (page 4)



INDUSTRIAL LINE

At a glance (page 5)



DIGITAL AND ELECTRONIC SHREDDERS

At a glance (page 6)



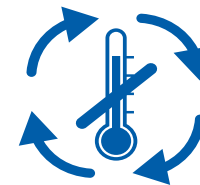
Touch Screen Line - Main Features



All controls are activated by simply touching the panel: keep your finger on the “forward” control for 5 seconds and the machine will operate for 30 seconds when transparent material needs to be shredded.



Energy Smart is the most advanced energy saving system around. When the machine has not been used for 8 seconds, it goes into automatic power saving stand-by mode and can be restarted by simply inserting material into the machine to be shredded.



Special motors can operate **24 hours a day non-stop without overheating**, allowing continuous shredding and maximum daily shredding load.



EPC Electronic Power Control System: by means of a series of illuminated indicators, the operator can control the shredding load, avoid jams and optimize shredding (Kobra 270TS, 310TS, 410TS series).



Two separate sets of cutting knives to separate the shredding of paper from CDs/DVDs/credit cards. Two distinct integrated bins to separate shredded material.



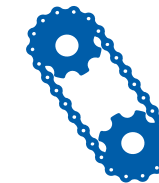
Automatic Feeder: shreds up to 170 sheets, whilst the operator can shred paper in the main throat and CDs/DVDs/Credit cards through the dedicated cutting unit at the same time (available for Kobra 310TS series).



Illuminated optical indicators on the panel show the current status of the machine: Energy Smart lights up when the machine is into power saving stand-by mode, a light warn the operator when the cutting knives need to be oiled.



Automatic Disconnection from power supply: when the machine has not been used for 4 hours, it automatically disconnects from the main power supply. Maximum power saving.



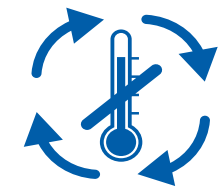
Maximum strength and wear resistance guaranteed by **steel gears and chain drive system.**



Touch Screen Models can be equipped with very useful options such as the Automatic Oiling System and the Metal Detection System.



Classic Line - Main Features



24 Hour Continuous Duty Motors - No overheating: KOBRA shredders are equipped with 24 hour continuous duty motors for long shredding operations without duty cycle. KOBRA shredders can be operated for any length of time without interruptions for overheating. KOBRA shredders deliver the maximum daily shredding capacity.



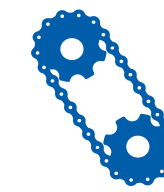
ENERGY SMART® Power Saving Stand-by Mode: save energy and protect the environment. The energy consumption of a Kobra shredder is managed by a dedicated software activating the power saving stand-by mode and making sure that no more electrical energy is drained from the power source.



AUTO-FEED/AUTO-COMPACT OIL-FREE SHREDDER: exclusive high speed automatic autofeed system for the shredding of large volumes of documents. The automatic feed system allows walk-away shredding of large quantities of documents (up to 350 sheet paper tray). The automatic paper compacting system reduces the volume of shredded paper by 4 times to optimize bag capacity and avoid frequent emptyings. Increase by 4 times to 600 liters the size of your cabinet with the Kobra Auto-Compact cutting edge technology.



DOUBLE WASTE BIN. Some Kobra models feature a special removable double waste bin. This specially designed waste bin allows the separation of shredded paper from plastic shreds of CDs/DVDs/Credit cards. This feature assists the users by ensuring that they can properly recycle their shredded materials.



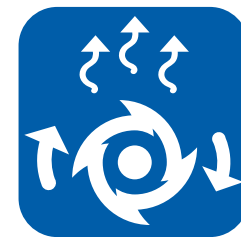
SUPER POTENTIAL POWER SYSTEM: the power with the force and durability of the steel drive system for many years of trouble and service free operation. Special carbon hardened steel gears and metal chain drive systems ensure operational reliability and resistance to stress and mis-use.



KOBRA HYBRID POWER MANAGEMENT SYSTEM: experience tomorrow's environmentally friendly technology today. HYBRID technology utilizes stored energy during each and every shredding cycle to improve efficiency, performance and to disconnect the machine from power supply. Shreds up to 15% of documents using stored energy.



Industrial Line - At a glance



KOBRA CYCLONE **High Technology Shredding**

System 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.



KOBRA C-500 **Compactor**

Designed to work with Kobra Cyclone when paper is being shredded. This optional accessory compresses and reduces the volume of the shredded paper by 4 or 5 times to minimize the space required for disposal.



KOBRA 430TS **High Capacity Industrial** **Shredder**

with conveyor belt
Designed for large shredding throughput and continuous shredding operation. Conveyor belt for easy and fast feeding of material to shred.



Digital And Electronic Shredders - At a glance



KOBRA SSD
Solid State Drive Shredder
NSA Approved Shredder capable of destroying SSD, smartphones, tablets, memory sticks etc. Two stage of destruction system can reduce shredded material into sand-like texture particles.



KOBRA DIGITAL-PRO
Digital media shredder
It efficiently destroys, in high security level, Solid State Drives and other digital storage media. Small footprint, high-performance.



KOBRA HDD
Hard Disk Drive Shredder
Deleting data isn't enough to completely erase your sensitive data: the hard disk drive destruction machine guarantees maximum protection of data security.

How to choose a shredder

1

WHAT KIND OF DATA SHOULD BE DESTROYED?

The wide range of KOBRA shredders includes machines to shred data on:
paper, CD/DVD/Blu-Ray, credit cards, films, floppy disks, pen drives and
powerful machines to destroy electronic and magnetic media of the latest generation
(memory sticks, smartphones, tablet, circuit boards, SSD, HDD).

- Data on paper
- Data on micro-films and foils
- Data on optical media
- Data on magnetic media



- Data on optical media
- Data on magnetic media
- Data on electronic media
- Data on digital media



How to choose a shredder

2

WHERE THE SHREDDER WILL BE USED?

The different models of KOBRA shredders can be used for personal or corporate purposes (in small, medium or large offices) but also by military entities and government offices or any other applications that require the highest level of security.

PERSONAL AND SMALL OFFICE USE

Light/medium volume of documents

(different security levels available)

MEDIUM-LARGE OFFICE USE

Medium/high volume of documents

(different security levels available)

MULTIPLE USERS/HEAVY DUTY

High volume of documents

(different security levels available)

INDUSTRIAL SHREDDERS

for high volumes

DIGITAL SHREDDERS

AUTO-FEED SHREDDERS

Automatic shredders

HIGH SECURITY SHREDDERS

and special applications

Classified and Top Secret media • NSA EPL listed shredders



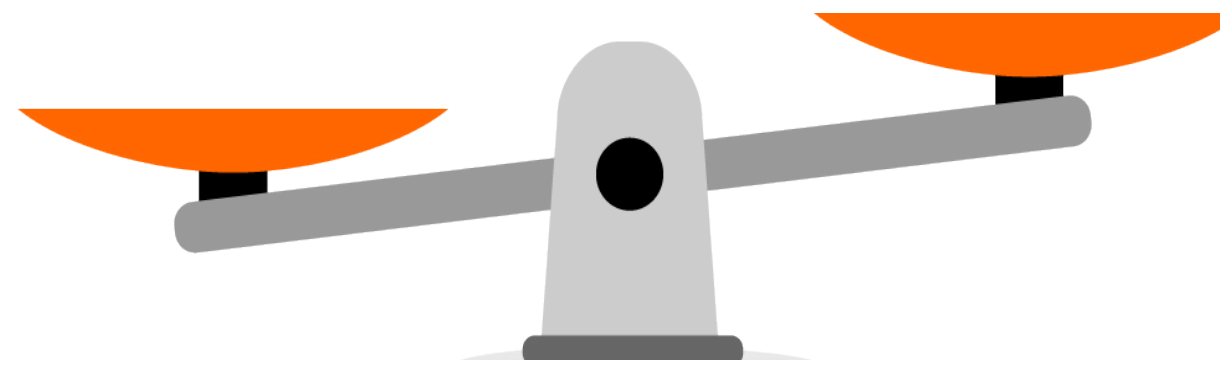
How to choose a shredder

3

VOLUME OF DOCUMENTS TO SHRED

You may consider that straight-cut shredders can give you best performances in terms of **shredding speed** and let you shred more sheets per a time. Cross-cut shredders, however, can ensure a **higher security level** and a higher reduction of shred volume in the bin.

These two points must be considered and balanced to choose the shredder that best meets your needs.



STRAIGHT-CUT SHREDDERS
Basic Security Level

*The advantage: more speed
in shredding, more sheets at a time*

CROSS-CUT SHREDDERS
Enhanced Security Levels



*The advantage: higher reduction
of shreds volume in the bin*

Personal and small office use

Straight-cut shredders (more speed in shredding, more sheets at a time)

Classic Line Straight-cut shredders



KOBRA +1 SS4, SS6, SS7

Sheet capacity:
up to 27 sheets at a time
Shred also: 
Security Level: **P-1 / P-2**
Bin capacity: **38,5 liters**



KOBRA +2 SS4, SS7

Sheet capacity:
up to 27 sheets at a time
Shred also: 
Security Level: **P-1 / P-2**
Bin capacity: **38,5 lt (paper)
+1,5 lt (plastic)**



KOBRA S4/S6-HYBRID

Sheet capacity:
up to 28 sheets at a time
Shred also: 
Security Level: **P-2**
Bin capacity: **40 liters**



KOBRA 240.1 S2, S4, S5

Sheet capacity:
up to 31 sheets at a time
Shred also: 
Security Level: **P-2 / P-3**
Cabinet: **40 liters**



KOBRA 240 SS2, SS4, SS5 and Turbo models SS4, SS5

Sheet capacity:
up to 52 sheets at a time
Shred also: 
Security Level: **P-2 / P-3**
Bin capacity: **35 liters**



Touch Screen Line Straight-cut shredders



KOBRA 245 TS S4, S4SF, S5

Sheet capacity: **up to 29 sheets at a time**
Shred also: 
Security Level: **P-2**
Cabinet: **40 liters**



Personal and small office use

Cross-cut shredders (higher reduction of shreds volume in the bin, higher security levels)

Classic Line

Cross-cut shredders



Touch Screen Line

Cross-cut shredders



KOBRA C1

Sheet capacity:
up to 9 sheets at a time

Shred also:

Security Level: **P-4**

Bin capacity: **18 liters**



KOBRA +1 CC4

Sheet capacity:
up to 14 sheets at a time

Shred also:

Security Level: **P-4**

Bin capacity: **38,5 liters**



KOBRA +2 CC2 KOBRA +3 CC4

Sheet capacity:
up to 14 sheets at a time

Shred also:

Security Level: **P-4 / P-5**

Bin capacity: **38,5 lt (paper)
+1,5 lt (platic)**



KOBRA HYBRID KOBRA HYBRID-S

Sheet capacity:
up to 14 sheets at a time

Shred also:

Security Level: **P-4**

Bin capacity: **30 liters**



KOBRA C4-HYBRID

Sheet capacity:
up to 17 sheets at a time

Shred also:

Security Level: **P-4**

Bin capacity: **40 liters**



KOBRA 240.1 C2, C4

Sheet capacity:
up to 17 sheets at a time

Shred also:

Security Level: **P-4 / P-5**

Bin capacity: **40 liters**



KOBRA 240 C2, C4 and Turbo models C2, C4

Sheet capacity:
up to 26 sheets at a time

Shred also:

Security Level: **P-4 / P-5**

Bin capacity: **35 liters**



KOBRA 245 TS C2, C4

Sheet capacity:
up to 23 sheets at a time

Shred also:

Security Level: **P-4 / P-5**

Cabinet: **40 liters**



Medium-large office use

Straight-cut shredders (more speed in shredding, more sheets at a time)

Classic Line Straight-cut shredders					Touch Screen Line Straight-cut shredders		
KOBRA 260.1 S2, S4, S5 Sheet capacity: up to 31 sheets at a time Shred also:  Security Level: P-2/P-3 Cabinet: 80 lt	KOBRA 260 S2, S4, S5 Sheet capacity: up to 31 sheets at a time Shred also:  Security Level: P-2/P-3 Cabinet: 85 lt	KOBRA 300.1 S4, S5 Sheet capacity: up to 32 sheets at a time Shred also:  Security Level: P-2 Cabinet: 110 lt	KOBRA 300.2 S4, S5 Sheet capacity: up to 40 sheets at a time Shred also:  Security Level: P-2 Cabinet: 150 lt	KOBRA 300 SS4, SS5 Sheet capacity: up to 46 sheets at a time Shred also:  Security Level: P-2 Cabinet: 85 lt	KOBRA 260 TS S4, S5 Sheet capacity: up to 30 sheets at a time Shred also:  Security Level: P-2 Cabinet: 80 lt	KOBRA 270 TS S4, S5 Sheet capacity: up to 32 sheets at a time Shred also:  Security Level: P-2 Cabinet: 110 lt	KOBRA 310 TS S4, S5 Sheet capacity: up to 47 sheets at a time Shred also:  Security Level: P-2 Cabinet: 150 lt
							

Medium-large office use

Cross-cut shredders (higher reduction of shreds volume in the bin, higher security levels)

Classic Line
Cross-cut shredders

KOBRA 260.1
C2, C4
Sheet capacity:
up to 17 sheets at a time
Shred also: 
Security Level: **P-4/P-5**
Cabinet: **80 lt**



KOBRA 260
C2, C4
Sheet capacity:
up to 17 sheets at a time
Shred also: 
Security Level: **P-4/P-5**
Cabinet: **85 lt**



KOBRA 300.1
C2, C4
Sheet capacity:
up to 22 sheets at a time
Shred also: 
Security Level: **P-4/P-5**
Cabinet: **110 lt**



KOBRA 300.2
C2, C4
Sheet capacity:
up to 27 sheets at a time
Shred also: 
Security Level: **P-4/P-5**
Cabinet: **150 lt**



KOBRA 300
C2, C4
Sheet capacity:
up to 24 sheets at a time
Shred also: 
Security Level: **P-4/P-5**
Cabinet: **85 lt**



Touch Screen Line
Cross-cut shredders

KOBRA 260 TS
C2, C4
Sheet capacity:
up to 24 sheets at a time
Shred also: 
Security Level: **P-4/P-5**
Cabinet: **80 lt**



KOBRA 270 TS
C2, C4
Sheet capacity:
up to 25 sheets at a time
Shred also: 
Security Level: **P-4/P-5**
Cabinet: **110 lt**



KOBRA 310 TS
C2, C4
Sheet capacity:
up to 31 sheets at a time
Shred also: 
Security Level: **P-4/P-5**
Cabinet: **150 lt**



Multiple users / Heavy duty

Straight-cut shredders (more speed in shredding, more sheets at a time)

Linea Classic
Taglio a striscia

KOBRA 390 S5

Sheet capacity:
up to 47 sheets at a time
Shred also: 
Security Level: **P-2**
Cabinet: **200 lt**



KOBRA 400 S5

Sheet capacity:
up to 62 sheets at a time
Shred also: 
Security Level: **P-2**
Cabinet: **200 lt**



Linea Touch Screen
Taglio a striscia

KOBRA 410 TS S5

Sheet capacity:
up to 72 sheets at a time
Shred also: 
Security Level: **P-2**
Cabinet: **205 lt**



Multiple users / Heavy duty

Cross-cut shredders (higher reduction of shreds volume in the bin, higher security levels)

Classic Line

Cross-cut shredders

Touch Screen Line

Cross-cut shredders

KOBRA 390 C4

Sheet capacity:
up to 33 sheets at a time
Shred also:

Security Level: **P-4**
Cabinet: **200 lt**



KOBRA 400 C2, C4

Sheet capacity:
up to 48 sheets at a time
Shred also:

Security Level: **P-4 / P-5**
Cabinet: **200 lt**



KOBRA 400 WB

Sheet capacity:
up to 48 sheets at a time
Shred also:

Security Level: **P-4**
Cabinet: **200 lt**



KOBRA 310 TS HD C2, C4

Sheet capacity:
up to 56 sheets at a time
Shred also:

Security Level: **P-4 / P-5**
Cabinet: **150 lt**



KOBRA 410 TS C2, C4

Sheet capacity:
up to 56 sheets at a time
Shred also:

Security Level: **P-4 / P-5**
Cabinet: **205 lt**



Automatic feed shredders

Document shredder with drawer for automatic shredding of unstapled A4 sheets (cross-cut cutting)

Classic Line
Automatic feed shredders



Touch Screen Line
Automatic feed shredders



KOBRA AF+1

Sheet capacity:
up to 350 sheets at a time (auto-feed)
up to 12 sheets at a time (manual feed)

Shred also: 

Security Level: **P-4**

Cabinet: **40 o 80 lt**



KOBRA AF.1 C2, C4

Sheet capacity:
up to 350 sheets at a time (auto-feed)
up to 12 sheets at a time (manual feed)

Shred also: 

Security Level: **P-4**

Cabinet: **150 lt**



KOBRA AF.2 COMPACTOR

Sheet capacity:
up to 400 sheets at a time (auto-feed)
up to 12 sheets at a time (manual feed)

Shred also: 

Security Level: **P-4**

Cabinet: **150 lt**
(equipped with special compacting system)



KOBRA 310 TS AF CC2, CC4

Sheet capacity:
up to 170 sheets at a time (auto-feed)
up to 47 sheets at a time (manual feed)

Shred also:  

Security Level: **P-4 / P-5**

Cabinet: **150 lt**



Industrial Shredders

high volumes (cross-cut cutting)

KOBRA CYCLONE

- Shreddable material: **Paper, CDs/DVDs/Blu-ray, floppy-disks, credit cards, cardboard, plastic bottles, aluminium cans.**
- Shredding capacity: Paper (A4 70 gr): 500 sheets at a time
Credit cards: 45.000/hour
CD/DVD/Blu-ray: 15.000/hour
Floppy-disk: 7.000/hour
- Different security levels: **P-2/P-3, P-4, P-5/P-6, P-7**
- Waste bag capacity: **400 liters**



KOBRA COMPACTOR C-500 for Kobra Cyclone

- Shreddable material: **paper**
- Compacting force: **40 KN**
- Compresses and reduce the volume of the shredded paper by 4-5 times**



KOBRA 430 TS with conveyor belt

- Paper capacity: **up to 130 sheets at a time**
- Shreddable material: **Paper, Cardboard, Folders, CD/DVD, Blu-ray, Floppydisks, Credit cards, Credit cards with chip, USB pen drive**
- Security level: **P-3, O-2, T-3, E-2, F-1**
- Waste bag capacity: **470 liters**



Digital and electronic media shredders

and casino gaming material shredder

KOBRA HDD

Shreddable materials: **Hard Disk Drives (HDD), Solid State Drives (SSD)**

Shred also: CDs/DVDs, Blu-ray Optical Media, Credit and Identity Cards, USB sticks, Solid State Devices (Phones and PDAs).

Security Levels: **T-1, E-2, H-3**

Waste bin: **40 liters**



KOBRA SSD

Shreddable materials: **Dispositivi a stato solido (SSD), smartphones, tablets, USB pen drives, memory stick, schede SIM a stato solido, schede elettroniche, chip di memoria flash IC, chip di CPU con ROM interno e/o memoria flash,**

Shred also: CD/DVD/Blu-ray disk
(when mixed with other storage devices)

Security Levels similar to: **O-7, T-7, E-7 (sand-like particles)**

Waste bin: **35 liters**



KOBRA DIGITAL-PRO

Shreddable materials: **Solid State Drives (also with metal casings), Smartphones, SIM Cards, Flash Drives, USB Devices, IC Chips, Credit Cards with chips, PC Boards, SD cards, CD/DVD.**

Security Levels: **E-3, T-4, O-3**

Waste bin: **35 liters**



KOBRA GAMBLER

Shreddable materials: casino gaming pieces such as **dice, chips, playing cards**

High security level: **12,5x20 mm shreds** (dice, chips, gaming pieces)
12,5x20-88 mm shreds (playing cards)

Waste bin: **32 liters**



High Security

for Classified and Top secret documents and data - NSA approved shredders

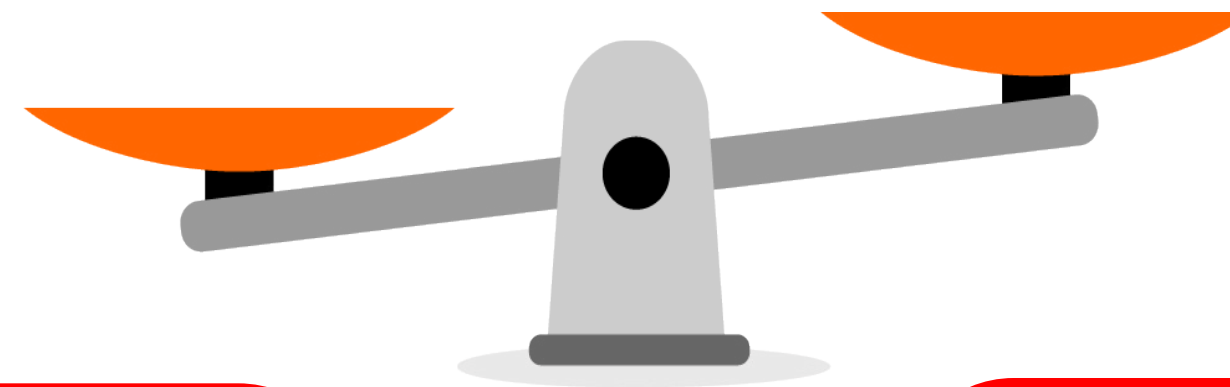
SECURITY LEVEL AND TYPE OF MATERIAL TO SHRED

All KOBRA HS and HS-6 shredders comply with the most recognized high security government standards

High security shredders can ensure **the highest level of protection for particularly confidential and secret data:**

- **P-6 security level shredders** are recommended for data carriers with **strictly confidential data**,
- **P-7 security level shredders** are recommended for data carriers with **top-secret data**, in case the highest security precautions have to be respected (Governmental authorities, Military bodies, National security agencies etc.).

Before choosing the shredder that best matches your shredding needs you may also consider **the type of material you have to shred.**



SMALL/MEDIUM OFFICE USE High Security Shredders

The advantage: very small particles which become unreadable even if special electronic optical microscopes are used.



LARGE OFFICE USE AND SPECIAL APPLICATIONS High Security Shredders

The advantage: very small particles which become unreadable even if special electronic optical microscopes are used.

High Security Shredders

Small/Medium office use

Classic Line

High security shredders



Touch Screen Line

High security shredders



**KOBRA 240.1
HS, HS-6**

Sheet capacity:
up to 8 sheets at a time

Shred also: 

Security Level: **P-6 / P-7**

Cabinet: **40 liters**

**KOBRA 240
HS, HS-6**

Sheet capacity:
up to 8 sheets at a time

Shred also: 

Security Level: **P-6 / P-7**

Bin capacity: **35 liters**

**KOBRA 260.1
HS, HS-6**

Sheet capacity:
up to 8 sheets at a time

Shred also: 

Security Level: **P-6 / P-7**

Cabinet: **80 lt**

**KOBRA 260
HS, HS-6**

Sheet capacity:
up to 8 sheets at a time

Shred also: 

Security Level: **P-6 / P-7**

Cabinet: **85 lt**

**KOBRA 300.1
HS, HS-6**

Sheet capacity:
up to 10 sheets at a time

Shred also: 

Security Level: **P-6 / P-7**

Cabinet: **110 lt**

**KOBRA 300.2
HS, HS-6**

Sheet capacity:
up to 11 sheets at a time

Shred also: 

Security Level: **P-6 / P-7**

Cabinet: **150 lt**

**KOBRA 300
HS, HS-6**

Sheet capacity:
up to 12 sheets at a time

Shred also: 

Security Level: **P-6 / P-7**

Cabinet: **85 lt**

**KOBRA 245 TS
HS, HS-6**

Sheet capacity:
up to 8 sheets at a time

Shred also: 

Security Level: **P-6 / P-7**

Cabinet: **40 liters**

**KOBRA 260 TS
HS, HS-6**

Sheet capacity:
up to 8 sheets at a time

Shred also: 

Security Level: **P-6 / P-7**

Cabinet: **80 lt**

**KOBRA 270 TS
HS, HS-6**

Sheet capacity:
up to 8 sheets at a time

Shred also: 

Security Level: **P-6 / P-7**

Cabinet: **110 lt**



High Security Shredders

Large offices and special applications

Classic Line

High security shredders



- KOBRA 260 HS/2**

Sheet capacity: **up to 13 sheets at a time**

Shred also:

Security Level: **P-6 / P-7**

Cabinet: **85 lt**
- KOBRA 400 HS Auto Oiler**

Sheet capacity: **up to 19 sheets at a time**

Shred also:

Security Level: **P-6 / P-7**

Cabinet: **200 lt**
- KOBRA 400 HS OM KOBRA 400 COMBI HS, HS-6**

Sheet capacity (400 COMBI): **up to 8 sheets at a time**

OM model shred also:

OM model shred also:

Security Level: **P-6 / P-7 / O-6 / E-5**

Cabinet: **80 lt (OM), 110+80 lt (COMBI)**
- KOBRA HS-8 MULTI**

Sheet capacity: **up to 8 sheets at a time**

Shred also:

Security Level: **P-7, T-7, E-5 exceeds O-6**

Cabinet: **90 lt (paper) + 65 lt (plastic)**



Touch Screen Line

High security shredders



- KOBRA 310 TS HS, HS-6**

Sheet capacity: **up to 13 sheets at a time**

Shred also:

Security Level: **P-6 / P-7 + O-1 T-2 E-2**

Cabinet: **150 liters**
- KOBRA 310 TS HD HS, HS-6**

Sheet capacity: **up to 22 sheets at a time**

Shred also:

Security Level: **P-6 / P-7**

Cabinet: **150 liters**
- KOBRA 410 TS HS, HS-6**

Sheet capacity: **up to 22 sheets at a time**

Shred also:

Security Level: **P-6 / P-7 + O-6 T-6 E-5**

Cabinet: **205 lt**



Industrial Line

High security shredders



- KOBRA SSD HS**

Rated Capacity: **up to 40 Kg/hour**

Shred: **Solid State Drive devices**

Security Level: **similar to O-7 T-7 E-7**

Container: **35 lt**
- KOBRA CYCLONE HS**

Capacity: **up to 500 sheets at a time**

Shred: **Paper, CDs/DVDs**

Security Level: **similar to P-7**

Container: **400 lt**



