

CATALOGUE 2025-1



ELCOMAN SRL MADE IN ITALY

# K BRA MEANS AUTHORITY IN DATA SECURITY

## All Kobra shredders comply with the most recognized high security government standards

KOBRA shredders are trusted by the CIA, NSA, ASIO, the UK Ministry of Defence, and Japan's Ministry of Telecommunication.

KOBRA HS shredders at security level P-6 meet NATO criteria. The KOBRA HS-6 and KOBRA Cyclone, at security level P-7, are NSA/CSS 02-01 approved and comply with UK NPSA standards. All models are certified by ASIO T4 Protective Security in Australia.

Their ultra-fine 0.8x5 mm cut reduces a single sheet to 16,000 micro-particles, completely illegible even under an electronic microscope.

The Kobra SSD High Security Disintegrator, also NSA-approved, destroys solid state drives, smartphones, tablets, USB devices, memory sticks, circuit boards, credit cards, and CDs/DVDs into sand-like dust.

KOBRA: Unmatched security. Absolute data destruction.



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## **TOUCH SCREEN LINE**

The range of KOBRA TS shredders with Touch-screen Technology is the most technologically advanced on the market today. Functions are activated by simply touching the required icon on the Touch-screen panel.





## EPC - ELECTRONIC POWER CONTROL SYSTEM

By means of a series of illuminated optical indicators, the operator can **control the shredding load**, avoid jams and optimize shredding

(KOBRA 270, 310, 410 TS series).



## ILLUMINATED OPTICAL INDICATORS

LED on the Touch Screen panel **show the current status of the machine** or Energy Smart\* lights up when the machine is into power saving stand-by mode. There is also a light to warn the operator when the cutting knives need to be oiled. In shredders with an automatic oiler, a light comes on when the oil container is empty.



## TOUCH SCREEN TECHNOLOGY

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.



## TOUCH SCREEN LINE TECHNOLOGY

Standard on all models



## CONTINUOUS DUTY SHREDDING 24 HOUR A DAY & METAL CHAIN DRIVING SYSTEM

KOBRA TS Line shredders feature **sturdy steel gears and a metal chain drive for excellent durability** in comparison with cheaper plastic chains. Carbon-hardened knives easily shred staples and clips with low energy use. **Special motors run continuously 24 hours a day** without overheating, delivering high shredding performance.

## ENERGY SMART & AUTOMATIC DISCONNECTION FROM POWER SUPPLY

Energy Smart\* is an advanced energy-saving system. After 8 seconds of inactivity, the shredder enters standby mode and restarts automatically when paper is inserted. If unused for 4 hours, it disconnects from the power supply, so there's no need to switch it off manually. No longer any need to switch off before leaving the office.



Standard on all models

### Standard on

Kobra 310 TS HS, Kobra 310 TS HS-6 Kobra 410 TS models.

#### Option on

all cross-cut models with P-4 and P-5 Security Levels.



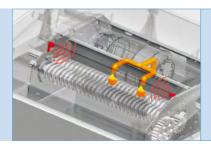
### **AUTOMATIC OILING SYSTEM**

Kobra TS cross-cut and High Security shredders can be equipped with an integrated automatic oiler, which activates a light signal when the oil bottle is low. This system eliminates the need of manual oiling the cutting knives.

### **METAL DETECTION SYSTEM**

The Metal Detection System (Shred Guard) stops the

machine when large metal objects are accidentally inserted to prevent damages to cutting knives. An illuminated optical indicator warns the operator to remove these objects in order to protect the knives.



Option on all models, excluding: Kobra 245 TS SF Kobra 310 TS AF Kobra 430 TS.

### Option on models: Kobra 310 TS CC2 Kobra 310 TS CC4 Kobra 310 TS HS

Kobra 310 TS HS-6.



## AUTOMATIC FEEDING SYSTEM AND LOCKABLE COVER

Automatically shreds up to 170 sheets while **the operator can simultaneously shred paper, CDs, DVDs, and credit cards.** An antijam system handles crumpled or stapled paper. A **lockable cover** with a security key keeps documents safe from unauthorized access.

## CD/DVD CUTTING UNIT (different Security Levels, up to O-6 High Security Level)

Dedicated slot for CDs, DVDs, and credit cards, with two bins to separate paper and plastic shreds.

O-1 T-2 E-2 Standard or optional on Kobra 260/270/310 TS HS models.
O-3 T-4 E-3 Optional on Kobra 410 TS S5, C4, C2.
O-6 T-6 E-5 High Security, optional on Kobra 410 TS HS models.



See specifications for each model













capacity up to 29

Throat (mm) 245

(liters) 40

Waste bin Dimensions (cm) 40x36x61 duty motor

Continuous

- Touch Screen: machine functions activated just by touching the icons on the control panel. Shreds transparent material by keeping the finger on the "Forward" control for 5 seconds.
- Super Potential Power System: heavy duty chain drive with steel gears which offer reliability and resistance to wear.
- 24 Hour continuous duty motor without overheating and duty cycles. Motor thermal protection.
- Carbon hardened steel cutting knives unaffected by staples and clips. High precision design of cutting knives allows high shred loads with low power
- Energy Smart\*: power saving stand-by mode after just 8 seconds of nonoperation.
- Automatic disconnection from the main power supply after 4 hours, no need to switch-off the shredder before leaving the office. Maximum power saving.
- Automatic Start & Stop: automatic start and stop through electronic eyes.
- Safety Stop: automatic stop at the door opening and/or full waste bag.
- Automatic reverse in case of jamming.
- Extraordinary speed for the Kobra 245 TS S4 SF Super Fast: shreds an A4 sheet in just over 1 second.





Chain Drive System



Touch Screen Panel



Automatic disconnection

Model	Article Code	Shred Type	Shred Size mm	Sheet Capa A4 70 gr	acity* A4 80 gr	Security Level ISO/IEC 21964 (DIN 66399)	Shreddable Material	Automatic Oiler	Metal Detection System
Kobra 245 TS S5	99.892	straight cut	5,8	27-29	22-24	<b>P-2</b> O-2 T-2 E-2		/	Option
Kobra 245 TS S4	99.891	straight cut	3,8	25-27	20-22	<b>P-2</b> O-2 T-2 E-2		/	Option
Kobra 245 TS S4 SF Super Fast	99.902	straight cut	3,8	14-16	11-13	<b>P-2</b> T-2 E-2		/	/
Kobra 245 TS C4	99.894	cross cut	3,9 x 40	21-23	16-18	<b>P-4</b> O-3 T-4 E-3 F-1		Option	Option
Kobra 245 TS C2	99.893	cross cut	1,9 x 15	11-13	9-11	<b>P-5</b> T-5 E-4 F-2		Option	Option
Kobra 245 TS HS	99.895	high security cross-cut	0,8 x 9,5	6-8	5-6	<b>P-6</b> T-6 F-3		Option	Option
Kobra 245 TS HS-6	99.896	high security cross-cut	0,8 x 5	4-5	3-4	<b>P-7</b> F-3		Option	Option

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives

Options (see page 4)	Code	Description	Available	
Automatic Oiler	Art. Code + AO	Automatically lubricates cutting knives.  1 liter of Kobra oil included.	All cross-cut models.	
Metal Detection System (Shred Guard)	Art. Code + MD	Detects metal presence to prevent damages to cutting knives.	All models (excluding SF).	

## **KOBRA 260 TS**

### Professional Touch Screen medium office shredders











Sheet capacity up to 30

Throat (mm) 260

Waste bin Dimensions (liters) 80

(cm) Continuous **40**x**36**x**100** duty motor

- Touch screen panel: machine functions activated just by touching the icons on the control panel. Shreds transparent material by keeping the finger on the "Forward" control for 5 seconds.
- Two separate sets of cutting knives and two entry openings to separate the shredding of paper from CDs/DVDs/credit cards. Two distinct integrated removable bins to separate paper from plastic shreds.
- Super Potential Power System: heavy duty chain drive with steel gears which offer reliability and resistance to wear.
- 24 Hour continuous duty motor without overheating and duty cycles. Motor thermal protection.
- Carbon hardened steel cutting knives unaffected by staples and clips. High precision design of cutting knives allows high shred loads with low power consumption.
- Cabinet: 80 liter high volume capacity.
- Energy Smart\*: power saving stand-by mode after just 8 seconds of non-operations.
- Automatic disconnection from the main power supply after 4 hours, no need to switchoff the shredder before leaving the office.
- Automatic Start & Stop: automatic start and stop through electronic eyes.
- Safety Stop: automatic stop at the door opening and/or full waste bags.
- Automatic reverse in case of jamming.
- NSA EPL Listed (HS-6 model)







Chain Drive System



Two separate sets of cutting knives



Two distinct integrated removable bins



Automatic Oiler (Option)

	Article Code	Shred Type	Shred Size	Sheet Ca	pacity*	Security Level ISO/IEC 21964	Shreddable	CD/DVD Cutting	Automatic	Metal Detection
	mm A4 70 gr A4 80 gr (DIN 66399)	Material	Unit	Oiler	System					
Kobra 260 TS S5	99.805	straight cut	5,8	28-30	23-25	<b>P-2</b> O-2 T-2 E-2		Included	/	Option
Kobra 260 TS S4	99.800	straight cut	3,8	26-28	21-23	<b>P-2</b> O-2 T-2 E-2		Included	/	Option
Kobra 260 TS C4	99.815	cross cut	3,9 x 40	22-24	17-19	<b>P-4</b> O-3 T-4 E-3 F-1		Included	Option	Option
Kobra 260 TS C2	99.810	cross cut	1,9 x 15	12-14	10-12	<b>P-5</b> T-5 E-4 F-2		Included	Option	Option
Kobra 260 TS HS	99.820	high security cross-cut	0,8 x 9,5	6-8	5-6	<b>P-6</b> T-6 F-3		Option	Option	Option
Kobra 260 TS HS-6	99.825	high security cross-cut	0,8 x 5	4-5	3-4	<b>P-7</b> F-3	<b>E</b> H+ <b>N O</b> **	Option	Option	Option

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives

Options (see page 4)	Code	Description	Available
CD/DVD Cutting Unit	Art. Code + CD	Separated cutting unit for CDs/DVDs/credit cards. Two distinct bins to separate paper from plastic shreds. Security Level O-1 T-2 E-2.	** Option on HS and HS-6 models.
Automatic Oiler	Art. Code + AO	Automatically lubricates cutting knives.  1 liter of Kobra oil included.	All cross-cut models.
Metal Detection System (Shred Guard)	Art. Code + MD	Detects metal presence to prevent damages to cutting knives.	All models.



## KOBRA 270 TS

### Professional Touch Screen medium office shredders











capacity up to 32

Throat (mm) 310

Waste bin Dimensions (liters) 110

(cm) 53x43x88 duty motor

Continuous

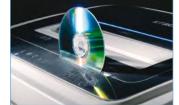
- Touch screen panel: machine functions activated just by touching the icons on the control panel. Shreds transparent material by keeping the finger on the "Forward" control for 5 seconds.
- Two separate sets of cutting knives and two entry openings to separate the shredding of paper from CDs/DVDs/credit cards. Two distinct integrated removable bins to separate paper from plastic shreds.
- Super Potential Power System: heavy duty chain drive with steel gears which offer reliability and resistance to wear.
- 24 Hour continuous duty motor without overheating and duty cycles. Motor thermal protection.
- Carbon hardened steel cutting knives unaffected by staples and clips. High precision design of cutting knives allows high shred loads with low power consumption.
- Electronic Power Control (EPC): shows the shredding load required to optimize shredding without jams.
- Energy Smart®: power saving stand-by mode after just 8 seconds of nonoperation.
- Automatic disconnection from the main power supply after 4 hours.
- Automatic Start & Stop: automatic start and stop through electronic eyes.
- Safety Stop: automatic stop at the door opening and/or full waste bag.
- Automatic reverse in case of jamming.
- NSA EPL Listed (HS-6 model)











Two separate sets of cutting knives.



Slide out tracks make it easy to empty the two waste collection bags.



Automatic Oiler (Option).

Model	Article Code	Shred Type	Shred Size	Sheet Ca		Security Level ISO/IEC 21964 (DIN 66399)	Shreddable Material	CD/DVD Cutting Unit	Automatic Oiler	Metal Detection System	
Kobra 270 TS S5	99.835	straight cut	5,8	30-32	24-26	<b>P-2</b> O-2 T-2 E-2	E168	Included	/	Option	
Kobra 270 TS S4	99.830	straight cut	3,8	27-29	22-24	<b>P-2</b> O-2 T-2 E-2	EIGE	Included	/	Option	
Kobra 270 TS C4	99.845	cross cut	3,9 x 40	24-26	19-21	<b>P-4</b> O-3 T-4 E-3 F-1		Included	Option	Option	
Kobra 270 TS C2	99.840	cross cut	1,9 x 15	12-13	10-12	<b>P-5</b> T-5 E-4 F-2		Included	Option	Option	
Kobra 270 TS HS	99.850	high security cross-cut	0,8 x 9,5	8-10	7-8	<b>P-6</b> T-6 F-3		Option	Option	Option	
Kobra 270 TS HS-6	99.855	high security cross-cut	0,8 x 5	4-5	3-4	<b>P-7</b> F-3	<b>E</b>  +  6**	Option	Option	Option	

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives

Options (see page 4)	Code	Description	Available
CD/DVD Cutting Unit	Art. Code + CD	Separated cutting unit for CDs/DVDs/credit cards. Two distinct bins to separate paper from plastic shreds. Security Level O-1 T-2 E-2.	** Option on HS and HS-6 models.
Automatic Oiler	Art. Code + AO	Automatically lubricates cutting knives.  1 liter of Kobra oil included.	All cross-cut models.
Metal Detection System (Shred Guard)	Art. Code + MD	Detects metal presence to prevent damages to cutting knives.	All models.

## **KOBRA 310 TS**

### Professional Touch Screen large office shredders











Sheet capacity up to 47

Throat (mm) 330

Waste bin Dimensions (liters) 150

24 Hour (cm) Continuous **53**x**43**x**107** duty motor

- Touch screen panel: machine functions activated just by touching the icons on the control panel. Shreds transparent material by keeping the finger on the "Forward" control for 5 seconds.
- Two separate sets of cutting knives and two entry openings to separate the shredding of paper from CDs/DVDs/credit cards. Two distinct integrated removable bins to separate paper from plastic shreds (standard on SS4, SS5, CC2, CC4 models).
- Increased power: double motor drive technology. Heavy duty chain drive with steel gears which offer reliability and resistance to
- 24 Hour continuous duty motors without overheating and duty cycles. Motor thermal protection.
- Carbon hardened steel cutting knives unaffected by staples and clips. High precision design of cutting knives allows high shred loads with low power consumption.
- Cabinet: 150 liter high volume capacity.
- Electronic Power Control (EPC) to optimize shredding without jams.
- Energy Smart\*: power saving stand-by mode after 8 seconds of non-operation.
- Automatic disconnection from the main power supply after 4 hours.
- Automatic oiler: automatically lubricates cutting knives.
- Automatic Start & Stop: automatic start and stop through electronic eyes.
- Safety Stop: automatic stop at the door opening and/or full waste bag.
- Automatic reverse in case of jamming.
- NSA EPL Listed (HS-6 model)



Chain Drive System



Two separate sets of cutting



Slide out tracks make it easy to empty the two waste collection bags.



Option: automatic feeder (+7 cm height), throat 310 mm.

Model	Article Code	Shred Type	Shred Size	Sheet Ca	apacity*	Security Level ISO/IEC 21964 (DIN 66399)	Shreddable Material	CD/DVD Cutting Unit	Automatic Oiler	Metal Detection System	Auto Feeder
Kobra 310 TS SS5	99.865	straight cut	5,8	45-47	37-39	<b>P-2</b> O-2 T-2 E-2		Included	/	Option	/
Kobra 310 TS SS4	99.860	straight cut	3,8	37-39	31-33	<b>P-2</b> O-2 T-2 E-2		Included	/	Option	/
Kobra 310 TS CC4	99.875	cross cut	3,9 x 40	29-31	25-27	<b>P-4</b> O-3 T-4 E-3 F-1		Included	Option	Option	Option
Kobra 310 TS CC2	99.870	cross cut	1,9 x 15	17-19	14-16	<b>P-5</b> T-5 E-4 F-2		Included	Option	Option	Option
Kobra 310 TS HS	99.880	high security cross-cut	0,8 x 9,5	11-13	10-11	<b>P-6</b> T-6 F-3		Option	Included	Option	Option
Kobra 310 TS HS-6	99.885	high security cross-cut	0,8 x 5	6-8	6-7	<b>P-7</b> F-3		Option	Included	Option	Option

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives

Option (see page 4)	Code	Description	Available
CD/DVD Cutting Unit	Art. Code + CD	Separated cutting unit for CDs/DVDs/credit cards. Security Level O-1 T-2 E-2.	* * Option on HS and HS-6 models.
Automatic Oiler	Art. Code + AO	Automatically lubricates cutting knives.  1 liter of Kobra oil included.	Option on CC2 and CC4 models.
Metal Detection System (Shred Guard)	Art. Code + MD	Detects metal presence to prevent damages to cutting knives.	All models without Automatic Feeder.
Automatic Feeder	Art. Code + AF	Shred automatically up to 170 sheets.	Option on CC2, CC4, HS, HS-6 models.
Lockable Cover	Art. Code + LK	Lockable cover with security key.	All models with Automatic Feeder.

## **KOBRA 310 TS HD**

### Professional Touch Screen heavy duty shredders











Sheet capacity up to 56

Throat (mm) 330

(liters) 150

Waste bin Dimensions 24 Hour (cm) Continuous **53**x**43**x**107** duty motor

- Touch screen panel: machine functions activated just by touching the icons on the control panel. Shreds transparent material by keeping the finger on the "Forward" control for 5 seconds.
- Heavy duty: shreds up to 56 sheets of paper at a time in cross-cut.
- Super Potential Power System: heavy duty chain drive with steel gears which offer reliability and resistance to wear.
- Continuous duty shredding: powerful 2600 Watt 24 hour continuous duty motor, no duty cycles or timed cool down periods. Motor thermal protection.
- Carbon hardened steel cutting knives unaffected by staples and clips.
- Cabinet: 150 liter high volume capacity.
- Electronic Power Control: EPC System displays real-time shredding load and helps the operator to optimize shredding efficiency without jams.
- Energy Smart\*: power saving stand-by mode after just 8 seconds of nonoperation.
- Automatic disconnection from the main power supply after 4 hours. No longer any need to switch off the shredder before leaving the office. Maximum power
- Automatic oiler: automatically lubricates cutting knives during the shredding operation. Cabinet equipped with a dedicated oil container holder.
- **Automatic Start & Stop:** automatic start and stop through electronic eyes.
- Safety Stop: automatic stop at the door opening and/or full waste bag.
- Automatic reverse in case of jamming.





Chain Drive System.



Heavy duty: shreds up to 56 sheets at a time in cross-cut.



Easy to remove waste bag



Integrated Automatic Oiler.

Model	Article Code	Shred Type	Shred Size	Sheet Capacity*		Security Level ISO/IEC 21964	Shreddable Material	Automatic Oiler	Metal Detection
		1			A4 80 gr	(DIN 66399) P-4			System
Kobra 310 TS HD C4	99.905	cross cut	3,9 x 40	54-56	48-50	O-3 T-4 E-3 F-1		Included	Option
Kobra 310 TS HD C2	99.904	cross cut	1,9 x 15	30-32	27-29	<b>P-5</b> O-4 T-5 E-4 F-2		Included	Option
Kobra 310 TS HD HS	99.906	high security cross-cut	0,8 x 9,5	20-22	18-20	<b>P-6</b> O-5 T-6 E-5 F-3		Included	Option
Kobra 310 TS HD HS-6	99.907	high security cross-cut	0,8 x 5	12	10	<b>P-7</b> F-3		Included	Option

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives

Option (see page 4)	Code	Description	Available	
Metal Detection System (Shred Guard)	Art. Code + MD	Detects metal presence to prevent damages to cutting knives.	All models.	

## KOBRA 410 TS

## Professional Touch Screen Heavy Duty Shredders











Sheet capacity up to 72

Throat (mm) 410

(liters) 205

Waste bin Dimensions (cm) Continuous 60x48x104 duty motor

- **Touch Screen Panel:** machine functions activated just by touching the icons on the control panel. Shreds transparent material by keeping the finger on the "Forward" control for 5 seconds.
- Heavy duty: shreds up to 72 sheets of paper at a time in straight cut and up to 56 sheets at a time in cross-cut.
- Super Potential Power System: heavy duty chain drive with steel gears which offer reliability and resistance to wear.
- Continuous duty shredding: powerful 2600 Watt 24 hour continuous duty motor, no duty cycles or timed cool down periods. Motor thermal protection.
- 205 liter sturdy metal cabinet.
- Carbon hardened steel cutting knives unaffected by staples and clips.
- Electronic Power Control: EPC System displays real-time shredding load and helps the operator to optimize shredding efficiency without jams.
- **Energy Smart®:** power saving stand-by mode after 8 seconds of non-operation.
- Automatic disconnection from the main power supply after 4 hours.
- Automatic oiler: automatically lubricates cutting knives during the shredding operation. Sturdy and large volume 205 liter steel cabinet equipped with a dedicated oil container holder.
- Automatic Start & Stop: automatic start and stop through electronic eyes.
- Safety Stop: automatic stop at the door opening and/or full waste bag.
- Automatic reverse in case of jamming.





Chain Drive System.



Two entry openings and two sets of cutting knives (Option).



Slide out tracks make it easy to empty the two waste collection bags.



Integrated Automatic Oiler.

Model	Article	Shred Type	Shred Size	Sheet Ca	pacity*	Security Level ISO/IEC 21964	Shreddable	Automatic	Metal Detection	CD/DVD Cutting
model	Code	Shred Type	mm	A4 70 gr	A4 80 gr	(DIN 66399)	Material	Oiler	System	Unit
Kobra 410 TS S5	99.887	straight cut	5,8	68-72	60-64	<b>P-2</b> O-2 T-2 E-2		/	Option	CD Option
Kobra 410 TS C4	99.886	cross cut	3,9 x 40	54-56	48-50	<b>P-4</b> O-3 T-4 E-3 F-1		Included	Option	CD Option
Kobra 410 TS C2	99.888	cross cut	1,9 x 15	30-32	27-29	<b>P-5</b> O-4 T-5 E-4 F-2		Included	Option	CD Option
Kobra 410 TS HS	99.889	high security cross-cut	0,8 x 9,5	20-22	18-20	<b>P-6</b> T-6 F-3		Included	Option	CD HS Option
Kobra 410 TS HS-6	99.890	high security cross-cut	0,8 x 5	12	10	<b>P-7</b> F-3		Included	Option	CD HS Option

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives

Option (see page 4)	Code	Description	Available
Metal Detection System (Shred Guard)	Art. Code + MD	Detects metal presence to prevent damages to cutting knives.	All models.
CD/DVD cutting unit	Art. Code + CD	Separated cutting unit for CDs/DVDs/credit cards. Security Level O-3 T-4 E-3.	Option on S5, C4, C2 models.
High Security CD/DVD cutting unit	Art. Code + CD HS	Separated cutting unit for CDs/DVDs/credit cards. 1,5x2 mm cross-cut. Security Level O-6 T-6 E-5.	** Option on HS and HS-6 models.

## **KOBRA 430 TS**

Industrial Touch Screen shredder with conveyor belt











capacity up to 130

Throat (mm)

(liters)

Waste bin Dimensions (cm) Continuous 81x161x170 duty motor

### - Conveyor belt

for easy feeding of material to shred.

- Touch Screen Panel: machine functions activated just by touching the icons on the control panel.
- Super Potential Power System: heavy duty chain drive with steel gears which offer reliability and resistance to wear.
- Continuous duty shredding: powerful 4000 Watt 24 hour continuous duty motor, no duty cycles or timed cool down periods. Motor thermal protection.
- Carbon hardened cutting knives unaffected by staples and clips.
- Automatic oiler: automatically lubricates cutting knives during the shredding operation, ensuring maximum reliability, efficiency and capacity.
- Safety Stop: automatically stops at the door opening and/or full waste bag.
- Automatic reverse in case of jamming.
- Sturdy and large volume 470 liter steel cabinet equipped with a dedicated oil container holder.
- Removable adjustable trolley accomodating one bag of 470 liters or two bags of 235 liters.





Conveyor belt.



Touch Screen Panel.



Removable adjustable trolley.



Integrated Automatic Oiler.

Model Kobra 430 TS C4	Article	Chred Tune	Shred	Sheet Capaci	ty*	Security Level ISO/IEC 21964	Shreddable	Automatic
Model	Code	Shred Type	Size mm	A4 70 gr	A4 80 gr	(DIN 66399)	Material	Oiler
Kobra 430 TS C4	99.901	cross cut	5,8 x 50	125-130	100-105	<b>P-3</b> O-2 T-3 E-2 F-1		Included
Kobra 430 TS C2	99.943	cross cut	1,9 x 15	60-65	50-55	<b>P-5</b> O-4 T-5 E-4 F-2		Included

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives



## **CLASSIC LINE**

The highest shredding and security performances with the widest choice ever of shredding solutions





## SUPER POTENTIAL POWER SYSTEM

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.



24 HOUR CONTINUOUS DUTY MOTORS

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.



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.





## CLASSIC LINE TECHNOLOGY

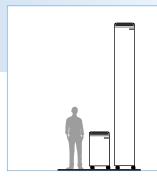
Standard on Kobra AF.2



## AUTO-FEED/AUTO-COMPACT OIL-FREE SHREDDER

Exclusive high speed **automatic autofeed system**. The automatic feed system allows walk-away shredding 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.



Standard on all models.



## ENERGY SMART® POWER SAVING STAND-BY MODE

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 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.

### **TURBO BOOST SYSTEM**

By pressing the Turbo button located on the top cover, the cutting capacity of the machine is temporarily increased by 30%. In case of a paper jam, the Turbo Boost is all you need to clear it. The bright Turbo light indicates reactivation of the Turbo Boost after each use.

KOBRA "Turbo Boost" shredders feature unbelievable

shredding power up to 52 sheets of paper in one pass.



Kobra 240 Turbo models.

Standard on many models.



## DOUBLE WASTE BIN TO SEPARATE PAPER FROM PLASTIC

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 and credit cards. This feature assists the users by ensuring that they can properly recycle their shredded materials.

## THROW AND SHRED SYSTEM: 2 CUTTING SYSTEMS, 3 SHREDDING FUNCTIONS

Thanks to the revolutionary new "Throw and Shred" System and its automatic feeding mechanism, you can now choose how to shred your documents or other types of media. You can choose standard shredding, by inserting the paper into the throat of the shredder (1), use the dedicated DVD, CD-Rom and Credit Card Throat (2) or the Throw and Shred System, destroying your crumpled paper (3).



Kobra +3 models.





## **AUTOMATIC FEED SHREDDERS**

Convenient paper tray allows walk-away shredding of documents

- Small or high capacity cabinet

- Oil free System or Automatic Oiling System

- Additional entry on the lid allowing manual feed shredding

- 24 hour continuous duty motor

- Electronic combination lock (option on AF.1, AF.2)

- Fast shredding speed (AF.1, AF.2)

- Integrated automatic compactor (AF.2)

Browse into our range and find the shredder that meets your shredding needs













(cm) Continuous 80 lt: **39**x**36**x**103** duty motor 40 lt: 39x36x64

- Sheet capacity (automatic feed) up to 350
- 240

(liters) 80 or 40

- Large auto-feed paper tray up to 350 sheets.
- Shredding speed 13 sheets per minute.
- Special Auto-Feed System.
- Exclusive Oil-Free System no need of lubrication and maintenance of cutting knives.
- 24 Hour continuous duty motor without overheating and duty cycles.
- Carbon hardened steel cutting knives accepting staples and metal clips in manual feed only.
- Energy Smart® power saving stand-by mode just after 12 seconds of non-operation.
- Automatic Start & Stop through electronic eyes with stand-by function.
- Safety Stop: automatic stop with light signal for bag full and/or open door.
- Automatic Reverse System in case of jamming.







Large auto-feed paper tray: up to 350 sheets.



The AF+1 Automatic Feeder with a convenient paper tray allows walkaway shredding of documents.



An additional entry on the lid allows manual feed shredding.

Model	Article	Shred Type	Size			Sheet Cap Manual Fe		Security Level ISO/IEC 21964	Shreddab Material		
Tiouci	Code			A4 70 gr	A4 80 gr	A4 70 gr	A4 80 gr	(DIN 66399)	Automatic feed	Manual feed	
Kobra AF+1 40 liters	99.935	cross cut	3,5 x 40	350	300	10-12	9-11	<b>P-4</b> T-4 E-3 F-1		NB	
Kobra AF+1 80 liters	99.936	cross cut	3,5 x 40	350	300	10-12	9-11	<b>P-4</b> T-4 E-3 F-1	Ē	N	

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives











Sheet capacity (automatic feed) up to 350

Throat (mm) 260

Cabinet (liters)

Dimensions (cm)

24 Hour Continuous 53x43x109 duty motor



### **KOBRA AF.1 C4 AUTO-FEED SHREDDER IS THE FASTEST AUTOMATIC SHREDDER AVAILABLE** IN THE GLOBAL MARKET.

Its incredible speed allows walk-away fast shredding of documents.

- Large auto-feed paper tray up to 350 sheets.
- Special Auto-Feed System: high shredding speed.
- Cabinet: 150 liter high volume capacity.
- Exclusive Oil-Free System no need of lubrication and maintenance of cutting blades (AF.1 C4)
- Automatic Oiler automatically lubricates the cutting knives (AF.1 C2).
- Super Potential Power System: heavy duty chain drive with steel gears which offer reliability and resistance to wear.
- 24 Hour continuous duty motor without overheating and duty cycles.
- Carbon hardened steel cutting knives accepting staples and metal clips in manual feed only.
- Energy Smart® power saving stand-by mode just after 8 seconds of non-operation.
- Automatic Start & Stop through electronic eyes with stand-by function.
- Safety Stop: automatic stop with light signal for bag full and/or open door.
- Automatic Reverse System in case of jamming.





The automatic Auto-Feed System and the convenient paper tray allow walk-away shredding of documents.



Large Auto-Feed Paper Tray: up to 350 sheets.



Electronic combination lock (Option).

Model Artic Code	Article Shred Typ		Shred Size			Sheet Capacity* Manual Feed		Security Level ISO/IEC 21964	Shreddable Material		
	Code		mm	A4 70 gr	A4 80 gr	A4 70 gr	A4 80 gr	(DIN 66399)	Automatic feed	Manual feed	
Kobra AF.1 C4 (Oil-free)	99.934	cross cut	3,9 x 40	350	300	10-12	9-11	<b>P-4</b> T-4 E-3 F-1			
Kobra AF.1 C2 (Auto-Oiler)	99.937	cross cut	1,9 x 15	350	300	7-8	6-7	<b>P-5</b> T-5 E-4 F-2			

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives

Option	Code	Description	Available	
Electronic combination lock	Art. Code + CLK	Protects documents from prying eyes of unauthorized persons while shredding.	All models.	

## **KOBRA AF.2 COMPACTOR**

Professional auto-feed/auto-compact shredder - Classic Lin





Throat

(mm) 260



Cabinet

(liters)

150





Dimensions 24 Hour (cm) Continuous 53x43x109 duty motor



Sheet capacity (automatic feed)



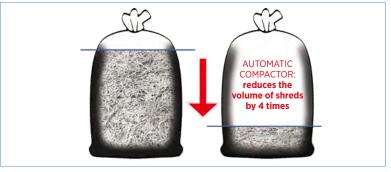


### KOBRA AF.2 AUTO-FEED/AUTO-COMPACT SHREDDER IS THE MOST INNOVATIVE AND FASTEST AUTOMATIC SHREDDER AVAILABLE IN THE GLOBAL MARKET.

The special paper compacting system optimizes bag capacity increasing by 4 times to 600 liters the size of the cabinet.

- Large auto-feed paper tray up to 400 sheets.
- Special Auto-Feed System: high shredding speed.
- Cabinet: 150 liter high volume capacity.
- Integrated Automatic Compactor to reduce the volume of shredded paper by 4 times to optimize bin capacity and avoid frequent emptyings of the bag.
- Compacting paper increases shredding security of one level.
- Exclusive Oil-Free System: no need of lubrication and maintenance of cutting blades.
- Super Potential Power System: heavy duty chain drive with steel gears which offer reliability and resistance to wear.
- 24 Hour continuous duty motor without overheating and duty cycles.
- Carbon hardened steel cutting knives accepting staples and metal clips in manual feed only.
- Energy Smart® power saving stand-by mode just after 8 seconds of non-operation.
- **Automatic Start & Stop** through electronic eyes with stand-by function.
- Safety Stop: automatic stop with light signal for bag full and/or open door.
- Automatic Reverse System in case of jamming.





Integrated Automatic Compactor: reduces the volume of shredded paper by 4 times.



SULK REDUCTION

Large Auto-Feed Paper Tray: up tp 400 sheet. Electronic Combination Lock (Option).

Model	Article	Shred Type	Shred Size			Sheet Capacity* Manual Feed		Security Level ISO/IEC 21964	Shreddable Material		
	Code			A4 70 gr	A4 80 gr	A4 70 gr	A4 80 gr	(DIN 66399)	Automatic feed	Manual feed	
Kobra AF.2 COMPACTOR	99.944	cross cut	3,9 x 40	400	350	10-12	9-11	<b>P-4</b> T-4 E-3 F-1			

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives

Option	Code	Description	Available	
Electronic combination lock	Art. Code + CLK	Protects documents from prying eyes of unauthorized persons while shredding.	All models.	

## Personal and deskside shredder - Classic Line













Sheet capacity up to 9

Throat (mm) 230

Waste bin Dimensions (liters)

(cm) Continuous 34x20x50 duty motor

- Specially built with no electronic components to handle the heaviest shredding load. Stand-by, Stop and Reverse Switch.
- 24 Hour continuous duty motor without overheating and duty cycles. Motor thermal protection.
- Carbon hardened steel cutting knives, accept staples and clips.
- Zero consumption in stand-by mode.
- Automatic Start & Stop: automatically starts at material insertion.
- Convenient transparent window to check the shreds level.
- Environmentally friendly: does not require plastic bags.

Model	Article	Shred Type	Shred Size	Sheet Capacity*		Security Level ISO/IEC 21964	Shreddable
Model	Code		mm	A4 70 gr	A4 80 gr	(DIN 66399)	Material
Kobra C1	99.320	cross cut	3.5 x 40	8-9	7-8	P-4	
itobiu oi	33.320	Cross cat	5,5 X 10	0 3	, 0	T-4 E-3 F-1	

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives



## KOBRA +1

Personal and deskside shredders - Classic Line



capacity

up to 27



(mm)

230



(liters)

38.5





39x30x59 duty motor

(cm)

Continuous

- **24 Hour continuous duty motor** without overheating and duty cycles. Motor thermal protection.
- Carbon hardened steel cutting knives, accept staples and clips.
- Energy Smart® power saving stand-by mode.
- Automatic Start & Stop: automatic start and stop through electronic eyes with stand-by function.
- Safety Stop: automatically stops at bin removal and/or full waste bin.
- Automatic reverse in case of jamming.
- Environmentally friendly: does not require plastic bags.
- Removable waste bin does not require lifting of the cutting head. Easy emptying operations.



Model	Article Code	Shred Type	Shred Size mm	Sheet Ca	apacity* A4 80 gr	Security Level ISO/IEC 21964 (DIN 66399)	Shreddable Material	
Kobra+1 SS7	99.104	straight cut	7,5	25-27	22-24	<b>P-1</b> O-1 T-2 E-2		
Kobra+1 SS6	99.102	straight cut	5,8	23-25	20-22	<b>P-2</b> O-2 T-2 E-2		
Kobra+1 SS4	99.103	straight cut	3,8	17-19	15-17	<b>P-2</b> O-2 T-2 E-2		
Kobra+1 CC4	99.105	cross cut	3,5 x 40	12-14	10-12	<b>P-4</b> T-4 E-3 F-1		

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives



Removable waste bin, does not require lifting of the cutting head. Does not require plastic bags.







## **HYBRID LINE SHREDDERS**

Eco-friendly shredders with Kobra patented technology "Hybrid Power Management System" for energy saving

## KOBRA **FHybrid** Power Management System:

the exclusive Kobra Hybrid technology utilizes stored energy for saving power. Kobra 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**.

EXPERIENCE TOMORROW'S ENVIRONMENTALLY FRIENDLY TECHNOLOGY TODAY

# KOBRA HYBRID-S

Cross-cut Hybrid deskside office shredder







Throat (mm) 230



Waste bin Dimensions (liters) (cm) 37x26x50



170 W 29

24h

HYBRID HYBRID-S 24 Hour 24 Hour Continuous Continuous duty motor duty motor



## SHREDS UP TO 15% OF DOCUMENTS USING STORED ENERGY

Hybrid technology utilizes energy stored during each shredding cycle, disconnecting the machine from power supply

- Exclusive Hybrid Technology utilizes stored energy for saving power.
- 24 Hour continuous duty motor without overheating and duty cycles. Motor thermal protection.
- Carbon hardened steel cutting knives, accepts staples and clips.
- Zero consumption in stand-by mode.
- Automatic Start & Stop: automatically starts at material insertion.
- Safety Stop: automatically stops during emptying of waste bin.
- Environmentally Friendly: does not require plastic bags.
- Convenient transparent window to check the shreds level.
- **LED** illuminated waste bin (Hybrid-S).







Power Management illuminated green led indicators. Automatic Start & Stop at material insertion.



230 mm entry opening, shreds up to 14 sheets at a time and also credit cards and films.



LED illuminated front window to check the shreds level (Hybrid-S).

Model Article Code			Shred Size	Sheet Capacity*		Security Level ISO/IEC 21964	Shreddable	
	Code	de Type		A4 70 gr	A4 80 gr	(DIN 66399)	Material	
Kobra Hybrid	99.941	cross cut	3,5 x 40	8-9	7-8	<b>P-4</b> T-4 E-3 F-1		
Kobra Hybrid-S	99.942	cross cut	3,5 x 40	12-14	10-12	<b>P-4</b> T-4 E-3 F-1		

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives



## KOBRA S6/S4-HYBRID Straight-cut Hybrid office shredder

## **KOBRA C4-HYBRID**

Cross-cut Hybrid office shredder











Sheet capacity up to 28

Throat (mm) 240

Waste bin Dimensions (liters) 40

(cm) Continuous **39**x**30**x**59** duty motor



### **SHREDS UP TO 15% OF DOCUMENTS USING STORED ENERGY**

Hybrid technology utilizes energy stored during each shredding cycle, disconnecting the machine from power supply



- Exclusive Hybrid Technology: allows up to 15% of shredding through the stored energy.
- 24 Hour continuous duty motor without overheating and duty cycles.
- High efficiency motor with low power consumption.
- Carbon hardened steel cutting knives, accepts staples and clips.
- **Zero consumption** in stand-by mode.
- Automatic Start & Stop: automatically starts at material insertion.
- Reverse button in case of paper jam.
- Safety Stop: automatically stops during emptying of waste bin.
- Environmentally Friendly: does not require plastic bags.
- Convenient **transparent window** to check the shreds level.
- LED illuminated waste bin.
- Environmentally friendly: does not require plastic bags.
- Removable waste bin does not require lifting of the cutting head.





Power Management illuminated green led indicators. Automatic Start & Stop at material insertion.



Convenient 240 mm entry opening. Shreds up to 28 sheets at a time and also CD/DVD. credit cards and films.



Removable waste bin, does not require lifting of the cutting head. Does not require plastic bags.

Model Article Code	Article Code		Shred Size	Sheet Capaci	ty*	Security Level ISO/IEC 21964	Shreddable
	Article code	Sinca Type	mm	A4 70 gr	A4 80 gr	(DIN 66399)	Material
Kobra S6-Hybrid	99.952	straight cut	5,8	26-28	24-26	<b>P-2</b> O-2 T-2 E-2	
Kobra S4-Hybrid	99.951	straight cut	3,8	20-22	18-20	<b>P-2</b> O-2 T-2 E-2	
Kobra C4-Hybrid	99.953	cross cut	3,5 x 40	15-17	14-15	<b>P-4</b> O-3 T-4 E-3 F-1	

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives

## KOBRA +2 and KOBRA +

Office shredders - double set of cutting knives - Classic Line











Continuous

Sheet capacity up to 27

(mm)

230

Throat

(liters) 38,5 + 1,5

Waste bin Dimensions (cm) 39x30x59 duty motor

— 2 Shredder Functions (KOBRA +2):

standard paper entry • dedicated entry for CDs/DVDs/credit cards.

### — 3 Shredder Functions (KOBRA +3):

paper entry • dedicated entry for CDs/DVDs/credit cards • crumpled paper shredding.

### — Throw and Shred System (KOBRA +3):

special system with automatic feeder to shred crumpled paper.

- 24 Hour continuous duty motor without overheating and duty cycles. Motor thermal protection.
- Carbon hardened steel cutting knives, accept staples and clips.
- Two separate sets of cutting knives: one for paper and one for CDs/DVDs, credit
- Energy Smart® power saving stand-by mode.
- **Automatic Start & Stop** through electronic eyes with stand-by function.
- Safety Stop: automatically stops at bin removal and/or full waste bin.
- Automatic Reverse System in case of jamming.
- Opening lid with suspension closing and Mobile Protection System. Safety System equipped with dual electronic sensors which automatically cut off the machine when lid is lifted up.
- Two separate integrated bins: removable bins to separate shredded paper and plastic. Does not require lifting of the cutting head. Easy emptying operations.
- Eco-friendly: no need for plastic bags.





Two integrated removable waste bin, does not require lifting of the cutting head.



1. Standard paper entry (Kobra+2, Kobra+3).



2. CDs/DVDs and credit cards dedicated entry (Kobra+2, Kobra+3).



3. Throw and Shred System for crumpled paper (Kobra+3).

	Article	Shred Type	Shred Size	Sheet Capa	city*	Security Level ISO/IEC 21964	Shreddable
Model	Code Stred Type	mm	A4 70 gr	A4 80 gr	(DIN 66399)	Material	
Kobra+2 SS7	99.111	straight cut	7,5	25-27	22-24	<b>P-1</b> O-1 T-2 E-2	<b>E ( ( )</b> **
Kobra+2 SS4	99.108	straight cut	3,8	17-19	15-17	<b>P-2</b> O-2 T-2 E-2	<b>E N O</b> **
Kobra+2 CC2	99.112	cross cut	1,9 x 13	7-8	5-7	<b>P-5</b> T-5 E-4 F-2	F   +   **
Kobra+3 CC4	99.110	cross cut	3,5 x 40	12-14	10-12	<b>P-4</b> T-4 E-3 F-1	<b>P</b>       +     **

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives.

<sup>\*\*</sup> CD/DVD Cutting Unit: standard separate cutting unit. Security Level O-1 T-2 E-2.









(cm)



capacity up to 31

Throat (mm) 240

Waste bin Dimensions (liters)

Continuous 40x36x64 duty motor

- Super Potential Power System: heavy duty chain drive with metal gears.
- 24 Hour continuous duty motor without overheating and duty cycles. Motor thermal protection.
- Carbon hardened steel cutting knives unaffected by staples and clips.
- 40 Liter cabinet mounted on casters.
- Energy Smart® power saving stand-by mode after just 8 seconds of no-operation.
- Automatic Start & Stop through electronic eyes with stand-by function. Integrated flap for CD/DVD, floppy-disk and credit card shredding.
- Safety Stop: automatic stop with light signal for bag full and/or open door.
- Automatic Reverse System in case of jamming.
- Easy to operate: On-Off-Reverse switch.





Energy Smart Management System with illuminated indicators for zero consumption in stand-by-mode.



Heavy duty chain drive with steel gears.



Shreds up to 31 sheets of paper at a time. Attractive 40 liter cabinet mounted on casters.

Madal	Article	Chrod Turo	Shred	Sheet Capa	city*	Security Level	Shreddable
Model	Code	Shred Type	Size mm	A4 70 gr	A4 80 gr	ISO/IEC 21964 (DIN 66399)	Material
Kobra 240.1 S5	99.910	straight cut	5,8	29-31	25-27	<b>P-2</b> O-2 T-2 E-2	
Kobra 240.1 S4	99.909	straight cut	3,8	24-26	20-22	<b>P-2</b> O-2 T-2 E-2	Enge
Kobra 240.1 S2	99.908	straight cut	1,9	13-15	11-13	<b>P-3</b> T-3 E-2	
Kobra 240.1 C4	99.912	cross cut	3,5 x 30	15-17	13-15	<b>P-4</b> O-3 T-4 E-3 F-1	enge
Kobra 240.1 C2	99.911	cross cut	1,9 x 15	10-12	9-11	<b>P-5</b> T-5 E-4 F-2	ena
Kobra 240.1 HS	99.913	high security cross-cut	0,8 x 9,5	6-8	5-6	<b>P-6</b> T-6 F-3	
Kobra 240.1 HS-6	99.914	high security cross-cut	0,8 x 5	4-5	3-4	<b>P-7</b> F-3	

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives

## KOBRA 240 and KOBRA 240 TURBO Small/medium office professional shredders - Classic Line











Sheet capacity up to 52

Throat (mm) 240

(liters) 35

Waste bin Dimensions (cm) 37×33×56

24 Hour Continuous duty motor

- "Turbo boost" for extra-shredding capacity: by pressing the Turbo switch the shredding capacity is increased by 30% (KOBRA 240 Turbo models).
- Super Potential Power System: heavy duty chain drive with steel gears which offer reliability and resistance to wear.
- 24 Hour continuous duty motor without overheating. Motor thermal protection.
- Carbon hardened steel cutting knives unaffected by staples and clips.
- Energy Smart® power saving stand-by mode.
- Automatic Start & Stop through electronic eyes with stand-by function.
- Safety Stop: automatic stop at bin removal and/or full waste bin.
- Removable bin: does not require lifting of the cutting head. Easy emptying operations.
- Eco-friendly does not require plastic bags. Can separate shredded paper from plastic shreds.
- NSA EPL Listed (HS-6 model)

Super Potential Power System:

heavy duty chain drive with steel gears





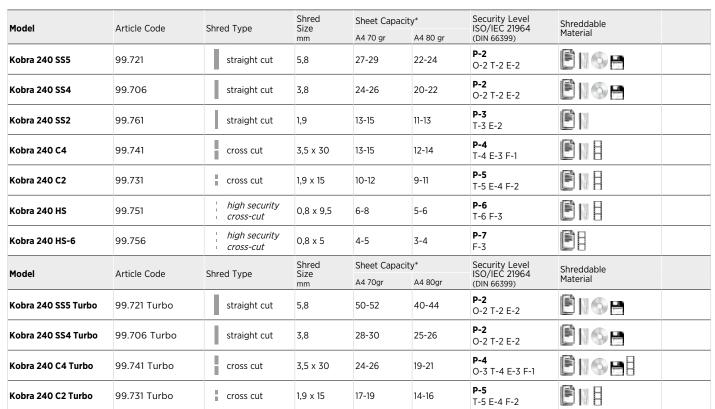


Turbo Boost: press the button to activate the extra-shredding capacity (Kobra 240 Turbo models)





Removable eco-firendly waste bin: does not require lifting of the cutting head (plastic bags not required).



<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives



## **KOBRA 260.1**

### Medium office professional shredders - Classic Line

- Super Potential Power System: heavy duty chain drive with metal gears.
- 24 Hour continuous duty motor without overheating and duty cycles. Motor thermal protection.
- Carbon hardened steel cutting knives unaffected by staples and clips.
- Cabinet: 80 liter high-volume capacity
- **Energy Smart®:** power saving stand-by mode after just 8 seconds of no-operation.
- Automatic Start & Stop through electronic eyes with stand-by function.
- **Safety Stop:** automatic stop with light signal for bag full and/or open door.
- Automatic Reverse System in case of jamming.

Model	Article Code	Shred Type	Shred Size	Sheet Ca		Security Level ISO/IEC 21964	Shreddable Material
	-	-	mm	A4 /0 gr	A4 80 gr	(DIN 66399)	
Kobra 260.1 S5	99.917	straight cut	5,8	29-31	25-27	<b>P-2</b> O-2 T-2 E-2	
Kobra 260.1 S4	99.916	straight cut	3,8	26-28	22-24	<b>P-2</b> O-2 T-2 E-2	
Kobra 260.1 S2	99.915	straight cut	1,9	14-16	12-14	<b>P-3</b> T-3 E-2	
Kobra 260.1 C4	99.919	cross cut	3,5 x 30	15-17	13-15	<b>P-4</b> O-3 T-4 E-3 F-1	
Kobra 260.1 C2	99.918	cross cut	1,9 x 15	10-12	9-11	<b>P-5</b> T-5 E-4 F-2	
Kobra 260.1 HS	99.920	high security cross-cut	0,8 x 9,5	6-8	5-6	<b>P-6</b> T-6 F-3	
Kobra 260.1 HS-6	99.921	high security cross-cut	0,8 x 5	4-5	3-4	<b>P-7</b> F-3	



# Sheet

capacity

up to 31









Continuous

500 W

Dimensions (liters) (cm) 40x36x104 duty motor 260 80

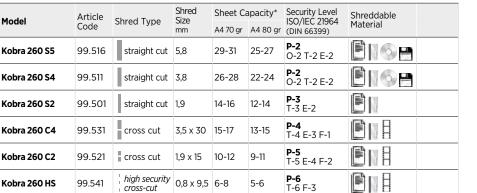


### KOBRA 260 Medium office professional shredders - Classic Line

- Super Potential Power System: heavy duty chain drive with metal gears.
- 24 Hour continuous duty motor without overheating. Motor thermal protection.
- Carbon hardened steel cutting knives unaffected by staples and clips.
- Metal cabinet: 85 liter high-volume capacity.
- Energy Smart® power saving stand-by mode.
- Automatic Start & Stop through electronic eyes.
- Safety Stop: automatic stop with light signal for bag full and/or open door.
- Automatic Reverse in case of jamming.
- NSA EPL Listed (HS-6 model)

99.546

Kobra 260 HS-6



3-4

P-7

high security 0,8 x 5

Option	Code	Description	Available	
ACCU-FLOW External Auto-Oiler	99.017	Automatically lubricates cutting knives.  1 liter of Kobra oil included.	Cross-cut models	

4-5



Sheet

capacity

up to 31

Throat

(mm)

260

Cabinet (liters)

85



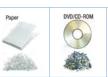


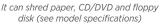


(cm)

Dimensions Continuous 43x31x83 duty motor







<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives











Sheet capacity up to 32

Throat (mm) 310

Cabinet (liters) 110

Dimensions 24 Hour (cm) Continuous 53x43x92 duty motor

- Super Potential Power System: heavy duty chain drive with steel gears which
  offer reliability and resistance to wear.
- 24 Hour continuous duty motor without overheating and duty cycles.
   Motor thermal protection.
- Carbon hardened steel cutting knives unaffected by staples and clips. High
  efficiency cutting knives allow impressive shredding capacity.
- 110 liter high volume cabinet mounted on casters.
   Easy to remove waste bag.
- Energy Smart\* management system with illuminated indicators: the machine goes into power saving stand-by mode after just 8 seconds of no-operation.
- **Automatic Start & Stop** through electronic eyes with stand-by function.
- Integrated flap for CDs, DVDs, floppy-disks and credit cards shredding.
- Safety Stop: automatic stop with light signal for bag full and/or open door.
- Automatic Reverse System in case of jamming.





Energy Smart Management System with illuminated indicators for zero consumption in stand-by-mode.



Heavy duty chain drive with steel gears.
Integrated flap.



110-liter high volume cabinet. Easy to remove waste bag.

Model	Article Code	Chrod Turo	Shred Size	Sheet Cap	acity*	Security Level	Shreddable
Model	Article Code	Shred Type	mm	A4 70 gr	A4 80 gr	ISO/IEC 21964 (DIN 66399)	Material
Kobra 300.1 S5	99.923	straight cut	5,8	30-32	24-26	<b>P-2</b> O-2 T-2 E-2	
Kobra 300.1 S4	99.922	straight cut	3,8	27-29	22-24	<b>P-2</b> O-2 T-2 E-2	
Kobra 300.1 C4	99.925	cross cut	3,9 x 40	20-22	18-20	<b>P-4</b> O-3 T-4 E-3 F-1	
Kobra 300.1 C2	99.924	cross cut	1,9 x 15	12-13	10-12	<b>P-5</b> T-5 E-4 F-2	
Kobra 300.1 HS	99.926	high security cross-cut	0,8 x 9,5	8-10	7-8	<b>P-6</b> T-6 F-3	
Kobra 300.1 HS-6	99.927	high security cross-cut	0,8 x 5	4-5	3-4	<b>P-7</b> F-3	

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives













Sheet capacity up to 40

Throat (mm) **310** 

Cebinet (liters) **150** 

Dimensions 24 Hour (cm) Continuous 53x43x111 duty motor

- Super Potential Power System: heavy duty chain drive with steel gears which
  offer reliability and resistance to wear.
- 24 Hour continuous duty motor without overheating and duty cycles.
   Motor thermal protection.
- Carbon hardened steel cutting knives unaffected by staples and clips. High
  efficiency cutting knives allow impressive shredding capacity.
- Cabinet: 150 liter high volume capacity.
- Energy Smart\* management system with illuminated indicators: the machine goes into power saving stand-by mode after just 8 seconds of no-operation.
- **Automatic Start & Stop** through electronic eyes with stand-by function.
- Integrated flap for CDs, DVDs, floppy-disks and credit cards shredding.
- Safety Stop: automatic stop with light signal for bag full and/or open door.
- Automatic Reverse System in case of jamming.





High efficiency cutting knives allow impressive shredding capacity.



Heavy duty chain drive with steel gears. Integrated flap.



150-liter high volume cabinet. Easy to remove waste bag.

Model	Article Code	Shred Type	Shred Size	Sheet Cap	acity*	Security Level ISO/IEC 21964	Shreddable
riodei	Article Code	Silled Type	mm	A4 70 gr	A4 80 gr	(DIN 66399)	Material
Kobra 300.2 S5	99.929	straight cut	5,8	37-40	33-35	<b>P-2</b> O-2 T-2 E-2	
Kobra 300.2 S4	99.928	straight cut	3,8	31-33	27-29	<b>P-2</b> O-2 T-2 E-2	
Kobra 300.2 C4	99.931	cross cut	3,9 x 40	25-27	23-25	<b>P-4</b> O-3 T-4 E-3 F-1	
Kobra 300.2 C2	99.930	cross cut	1,9 x 15	16-18	14-15	<b>P-5</b> O-4 T-5 E-4 F-2	
Kobra 300.2 HS	99.932	high security cross-cut	0,8 x 9,5	9-11	8-9	<b>P-6</b> T-6 F-3	
Kobra 300.2 HS-6	99.933	high security cross-cut	0,8 x 5	5-6	5	<b>P-7</b> F-3	

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives

## KOBRA 300

### Medium-size office professional shredders - Classic Line











Sheet capacity up to 46

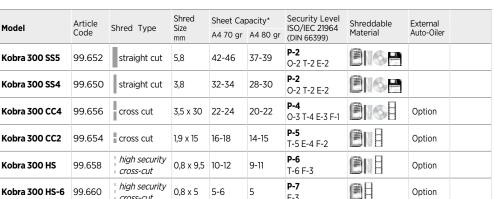
Throat (mm) 300

Cabinet (liters)

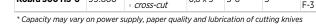
Dimensions (cm) 43×31×83

24 Hour Continuous duty motor

- Two heavy duty chain drive units with steel gears "Super Potential Power System" which offer reliability and resistance to wear.
- Two motors: 24 hour continuous duty operations without overheating and duty cycles. Motor thermal protection.
- Carbon hardened steel cutting knives unaffected by staples and clips.
- 85 liter sturdy metal cabinet.
- Energy Smart® power saving stand-by mode after just 8 seconds of no-operation.
- Automatic Start & Stop through electronic eyes with stand-by function.
- Safety Stop: automatic stop with light signal for bag full and/or open door.
- Automatic Reverse in case of jamming.
- NSA EPL Listed (HS-6 model) (หรือ



F-3







disk (see model specifications)

## KOBRA 390

Multiple-user heavy duty professional shredders - Classic Line

- Two heavy duty chain drive systems with metal gears.
- 24 hour continuous duty operation without overheating and duty cycles. Motor thermal protection.
- Two motors 750 watt each.
- Carbon hardened steel cutting knives unaffected by staples and clips.
- 200 liter high quality steel cabinet mounted on casters.
- Energy Smart® power saving stand-by mode after just 8 seconds of no-operation.
- Automatic Start & Stop through electronic eves with stand-by function.
- Safety Stop: automatic stop with light signal for bag full and/or open door.
- Automatic Reverse in case of jamming.
- High capacity: designed for medium/high shredding volume.

Model	Article	Shred Type	Shred Size			Security Level ISO/IEC 21964	Shreddable	
riouei	Code	Silled Type	mm A4 70 gr A4 80 gr (DIN 66399)	Material				
Kobra 390 S5	99.641	straight cut	5,8	45-47	43-45	<b>P-2</b> O-2 T-2 E-2		
Kobra 390 C4	99.631	cross cut	3,9 x 40	31-33	29-30	<b>P-4</b> O-3 T-4 E-3 F-1		

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives

Option	Code	Description	Available
Document Shelf	99.003	Top shelf to save office space.	All models.
Automatic Oiler	Art. Code + AO	Automatically lubricates cutting knives. 1 liter of Kobra oil included.	Cross-cut models.
Metal Detection System (Shred Guard)	Art. Code + MD	Detects metal presence to prevent damages to cutting knives.	All models.



Throat

(mm)

400

Sheet

capacity

up to 47



Dimensions (cm) 60x48x93 duty motor







### Multiple-user heavy duty professional shredders - Classic Line











capacity
up to 62

Throat (mm) **400** 

Dimensions (cm) **60**x**48**x**93** 

Continuous duty motor

- **Super Potential Power System:** heavy duty chain drive with metal
  - which offer reliability and resistance to wear
- 24 hour continuous duty operation without overheating and duty
  - Motor thermal protection.
- Powerful Motor 2100 watt
- Carbon hardened steel cutting knives unaffected by staples and clips
- 200 liter high quality steel cabinet mounted on casters
- Energy Smart® power saving stand-by mode after just 8 seconds of no-operation
- **Automatic Start & Stop** through electronic eyes with stand-by function
- Safety Stop: automatic stop with light signal for bag full and/or open door
- Automatic Reverse in case of jamming
- High capacity: designed for high shredding volume





ENERGY SMART® illuminated optical indicator for power saving stand-by mode and environmental protection.



Heavy duty chain drive with steel gears.



High volume steel cabinet. Easy to remove waste bag (200 liters).

Model	Article Code		Size	Sheet Capacity*		Security Level ISO/IEC 21964	Shreddable
	Atticle Code	Sincu Type		A4 70 gr	A4 80 gr	(DIN 66399)	Material
Kobra 400 S5	99.601	straight cut	5,8	60-62	52-54	<b>P-2</b> O-2 T-2 E-2	
Kobra 400 C4	99.591	cross cut	3,9 x 40	44-48	40-42	<b>P-4</b> O-3 T-4 E-3 F-1	
Kobra 400 C2	99.596	cross cut	1,9 x 15	29-31	25-27	<b>P-5</b> O-4 T-5 E-4 F-2	

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives

Option	Code	Description	Available
Document Shelf	99.003	Top shelf to save office space.	All models.
Automatic Oiler	Art. Code + AO	Automatically lubricates cutting knives.  1 liter of Kobra oil included.	Cross-cut models.
Metal Detection System (Shred Guard)	Art. Code + MD	Detects metal presence to prevent damages to cutting knives.	All models.

## **KOBRA 400 WB**

Centralized shredder for office paper waste baskets - Classic Line







(liters)

200





Dimensions (cm) Continuous **60**x**48**x**163** duty motor



up to 48

Throat (mm)

400



The kobra 400 WB with its hopper allows users to simply empty the content of a waste paper basket directly into the machine.

- Automatic mechanical feeding system through revolving flaps for easy shredding of waste material contained in the office waste basket.
- Super Potential Power System: heavy duty chain drive with metal gears which offer reliability and resistance to wear.
- Powerful 2100 watt motor: **24 hour continuous duty operation** without overheating and duty cycles for continuous shreddings. Motor thermal protection.
- Switch to activate continuous shredding operations.
- Carbon hardened steel cutting knives unaffected by staples and clips, shred floppy-disks, CDs/DVDs, credit cards, plain or crumpled paper.
- -200 liter sturdy **steel cabinet** mounted on casters.
- **Automatic Start & Stop** through electronic eyes with stand-by function.
- Safety Stop: automatically stops at bin removal and/or full waste bag.
- Automatic Reverse in case of jamming.
- Convenient removable front shelf to hold documents to be shredded.





Automatic mechanical feeding system utilizes revolving flaps to feed material into cutting knives.





Super Potential Power System: heavy duty chain drive with metal gears.

Madal	Ati	Chara d Trans	Shred	Sheet Capacity*		Security Level	Shreddable	
Model	Article Code	Shred Type	Type Size A4 70gr	A4 70gr	A4 80gr	ISO/IEC 21964 (DIN 66399)	Material	
Kobra 400 WB	99.620	cross cut	3,9 x 40	44-48	40-42	<b>P-4</b> O-3 T-4 E-3 F-1		

 $<sup>^{\</sup>ast}$  Capacity may vary on power supply, paper quality and lubrication of cutting knives

The hopper allows users to simply empty

the contents of a waste paper basket

directly into the machine.





Sheet

capacity

up to 13



Throat

(mm)

260



Cabinet

(liters)

85



(cm)



Continuous 50x38x85 duty motor



**Designed for special applications:** Military Bodies, Governmental Authorities and Offices handling Classified and Top Secret media.

- Emergency Manual System to shred Top Secret documents even in case of no power supply (emergencies, military or terrorism attacks).
- Super Potential Power System: heavy duty chain drive with metal gears which offer reliability and resistance to wear.
- Powerful double motor driving system with thermal protection.
- 24 hour continuous duty operation without overheating and duty cycles.
- Carbon hardened steel cutting knives: the high security cut of 0,8 x 5 mm meets the latest shredding standards issued by the National Security Agency of the US Government.
- Energy Smart® power saving system, the machine goes into power saving stand-by mode after just 8 seconds of no-operation.
- Automatic Start & Stop with stand-by function.
- Safety Stop: automatic stop with light signal for bag full and/or open door.
- Automatic Reverse in case of jamming.





Tested and approved by many international Governments and Military Bodies, this shredder is also being used by the US department of States, the CIA and the National Security Agency.



Accu-Flow Automatic Oiling System (Option): eliminates the need of manual lubrication of cutting knives.



Manual crank to shred documents in case of power loss (not included).

Model	Article Code	Shred Type	Size			Security Level ISO/IEC 21964	Shreddable
	Article Code			A4 70 gr	A4 80 gr	(DIN 66399)	Material
Kobra 260 HS/2	99.113	high security cross-cut	0,8 x 9,5	11-13	10-11	<b>P-6</b> T-6 F-3	
Kobra 260 HS/2-6	99.116	high security cross-cut	0,8 x 5	5-6	5	<b>P-7</b> F-3	

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives

Option (see page 16)	Code	Description	Available	
Document Shelf	99.001	Top shelf to save office space.	All models.	
ACCU-FLOW External Automatic Oiler	99.017	Automatically lubricates cutting knives. 1 liter of Kobra oil included.	All models.	

## **KOBRA 400 HS AUTO-OILER**

High security P-6 P-7 shredder with automatic oiler - Classic Line



capacity

up to 19



Throat

(mm)



(liters)





Dimensions 24 Hour (cm) Continuous 60x48x93 duty motor



- Super Potential Power System: heavy duty chain drive with metal gears which offer reliability and resistance to wear.
- ${\bf -24\ hour\ continuous\ duty\ operation}$  without overheating and duty cycles. Motor thermal protection.
- Carbon hardened steel cutting knives.
- The high security cut of 0,8 x 5 mm meets the latest shredding standards issued by the National Security Agency of the US Government for document shredding.
- 200 liter high quality steel cabinet.
- Energy Smart\* power saving system, the machine goes into power saving stand-by mode after just 8 seconds of no-operation.
- Automatic integrated Oiling System: automatically lubricates the high security cutting knives during the operation of the shredder for continuous maximum shredding capacity.
- **Automatic Start & Stop** through electronic eyes with stand-by function.
- Safety Stop: automatic stop with light signal for bag full and/or open door.
- Automatic Reverse in case of jamming.

Tested and approved by many international Governments and Military Bodies, this shredder is also

being used by the US department of States, the CIA

and the National Security Agency.

- NSA EPL Listed (HS-6 model) (₩5.5)



National Protective Security Authority



Automatic Integrated Oiling System standard on kobra High Security models: automatically lubricates cutting knives.



Metal Detector (Option): detects metal presence and stops the machine to prevent damages to cutting knives. A blue flashing light warns the operator of the presence of metal.

Model	Article Code	Shred Type	Size	Sheet Capacity*		Security Level ISO/IEC 21964	Shreddable
				A4 70 gr	A4 80 gr	(DIN 66399)	Material
Kobra 400 HS Auto-Oiler	99.587	high security cross-cut	0,8 x 9,5	17-19	13-15	<b>P-6</b> O-5 T-6 E-5 F-3	
Kobra 400 HS-6 Auto-Oiler	99.589	high security cross-cut	0,8 x 5	8-10	8-9	<b>P-7</b> F-3	

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives

Option	Code	Description	Available	
Document Shelf	99.003	Top shelf to save office space.	All models.	
Metal Detection System (Shred Guard)	Art. Code + MD	Detects metal presence to prevent damages to cutting knives.	All models.	



## KOBRA 400 HS Optical Media

High security optical media and document shredders - Classic Line















**Designed for Military Bodies, Governmental Authorities and Offices handling Classified** and Top Secret documents and optical media

Sheet capacity up to 19

Throat (mm) CD/DVD: 130 Paper: 240

Cabinet (liters) 80 (OM) 110+80 (COMBI) 90+65 (MULTI)

Dimensions (cm) 60x48x93

OM/COMBI HS-8 MULTI 24 Hour 24 Hour Continuous Continuous duty motor duty motor

- Super Potential Power System: heavy duty chain drive with metal gears which offer reliability and resistance to wear.
- 24 hour continuous duty operation without overheating and duty cycles. Motor thermal protection.
- Carbon hardened steel cutting knives.
- New standard: less then 0,8 x 1-1,5 mm optical media cutting system (HS-8 MULTI). It's the highest security level today available for optical media to meet the strictest military and governments shredding needs.
- Energy Smart® power saving stand-by mode after just 8 seconds of nooperation.
- Automatic integrated Oiling System: automatically lubricates the high security cutting knives during the operation of the shredder for continuous maximum shredding capacity.
- Automatic Start & Stop through electronic eyes.
- Safety Stop: automatic stop for bag full and/or open door.
- Automatic Reverse in case of jamming.
- Sturdy high quality steel cabinet mounted on casters.





Tested and approved by many international Governments and Military Bodies, this shredder is also being used by the US department of States, the CIA and the National Security Agency.



KOBRA HS-8 MULTI Suitable for the combination of optical media and paper shredding at the highest security level today available.



KOBRA 400 COMBI HS/HS-6 Suitable for the combination of optical media and paper high security shredding.



Automatic Integrated Oiler: automatically lubricates cutting knives for continuous maximum shredding capacity.



Metal Detector (Option): detects metal presence and stops the machine to prevent damages to cutting knives.

	Article		Paper	CD/DVD	Sheet Cap	pacity*	CD/DVD	Security Level	Shreddable
Model	Code		Shred Size	Shred Size	A4 70gr	A4 80gr	Capacity per hour	ISO/IEC 21964 (DIN 66399)	Material
Kobra 400 HS OM	99.585	high security cross-cut	-	1,5 x 2	-	-	2.100	O-6 T-6 E-5	
Kobra 400 HS COMBI	99.602	high security cross-cut	0,8 x 9,5	1,5 x 2	17-19	13-15	2.100	<b>P-6</b> O-6 T-6 E-5 F-3	Engel
Kobra 400 HS-6 COMBI	99.603	high security cross-cut	0,8 x 5	1,5 x 2	8-10	8-9	2.100	<b>P-7</b> O-6 T-6 E-5 F-3	
Kobra HS-8 MULTI	99.604	high security cross-cut	0,8 x 5	0,8 x 1-1,5	8-10	8-9	1.500	<b>P-7</b> , exceeds <b>O-6</b> , T-7 E-5	ENG

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives

Option	Code	Description	Available	
Metal Detection System (Shred Guard)	Art. Code + MD	Detects metal presence to prevent damages to cutting knives.	400 COMBI HS/HS-6 models.	



## **INDUSTRIAL LINE**

Mighty and Power



# KOBRACYCLONE High Technology Shredding System

Blades rotating at a very high speed, combined with the power of a turbine provide the unit with an airflow, allowing 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.



KOBRA C-500 COMPACTOR
Designed to work with the Kobra
Cyclone when paper is being
shredded

This optional accessory **compresses and reduces the volume of the shredded paper by 4 to 5 times** to minimize the space required for the waste. Easy to install and operate, the KOBRA COMPACTOR C-500 will work with any security level screen.



KOBRA 430 TS High Capacity Industrial Shredder with Conveyor Belt

Conveyor belt for easy and fast feeding of material to shred. Convenient 430 mm entry, large shelf holding material to be shredded. Can shred entire archives: up to 130 sheets at a time, cardboards, CD/DVD/Blu-Ray disks, credit cards, floppy-disks and USB pen drives. Designed for large shredding throughput and continuous shredding operation.

## **KOBRA 430 TS**

Industrial Touch Screen shredder with conveyor belt











capacity up to 130

Throat (mm)

(liters)

Waste bin Dimensions (cm) Continuous 81x161x170 duty motor

### - Conveyor belt

for easy feeding of material to shred.

- Touch Screen Panel: machine functions activated just by touching the icons on the control panel.
- Super Potential Power System: heavy duty chain drive with steel gears which offer reliability and resistance to wear.
- Continuous duty shredding: powerful 4000 Watt 24 hour continuous duty motor, no duty cycles or timed cool down periods. Motor thermal protection.
- Carbon hardened cutting knives unaffected by staples and clips.
- Automatic oiler: automatically lubricates cutting knives during the shredding operation, ensuring maximum reliability, efficiency and capacity.
- Safety Stop: automatically stops at the door opening and/or full waste bag.
- Automatic reverse in case of jamming.
- Sturdy and large volume 470 liter steel cabinet equipped with a dedicated oil container holder.
- Removable adjustable trolley accomodating one bag of 470 liters or two bags of 235 liters.





Conveyor belt.



Touch Screen Panel.



Removable adjustable trolley.



Integrated Automatic Oiler.

Model	Article Code	Shred Type	Shred Size mm	Sheet Capacity*		Security Level	Shreddable	Automatic
				A4 70 gr	A4 80 gr	ISO/IEČ 21964 (DIN 66399)	Material	Oiler
Kobra 430 TS C4	99.901	cross cut	5,8 x 50	125-130	100-105	<b>P-3</b> O-2 T-3 E-2 F-1		Included
Kobra 430 TS C2	99.943	cross cut	1,9 x 15	60-65	50-55	<b>P-5</b> O-4 T-5 E-4 F-2		Included

<sup>\*</sup> Capacity may vary on power supply, paper quality and lubrication of cutting knives

Multi-purpose heavy duty industrial shredder











6000W

Sheet capacity up to 500

Throat (mm) 325×220

Cabinet (liters) 400

Dimensions (cm) 80×212×210

duty motor



### Kobra Cyclone is the ultimate development in shredding technology:

blades rotating at a very high speed combined with the power of a turbine provide the unit with an airflow allowing 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.

- Shreds up to 500 sheets at a time (A4 70gr) regardless of the particle size.
- 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.
- Impressive shredding output up to 420 kg (940 lbs) of paper per hour (theoretical output).
- Powerful high efficiency motor: maximum electrical saving per year.
- Integrated Vacuum System specifically designed to provide the operator with clean and dust free shredding environment. The double insulated shredding chamber and special plastic outer housing enclosure for low noise operation.
- Convenient built-in trolley for easy transport and replacement of the 400 liter disposal bag.
- Easy to use: just drop the material into the turbine chamber, Kobra Cyclone shreds it all quickly and with no jams. It turns automatically off when shredding is completed for maximum energy and time efficiency.
- Does not require any special maintenance: no oiling of cutting knives or lubrication. This makes the Kobra Cyclone easy to use for everybody at the office.

Model	Article code	Sheet capacity A4 70 gr	Credit cards capacity per hour	CD/DVD capacity per hour	Floppy disks capacity per hour	Security level availables (Cyclone screens)	
Kobra CYCLONE	99.100	500	45.000	15.000	7.000	002, 003, 004, 005, 006	





### **KOBRA CYCLONE** How it works: the technology

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.

shredding This unique system. delivers highest shredding performance and efficiency along with maximum flexibility in choosing the correct Security and bulk reduction Level for a given application.

does not require the special maintenance oiling procedures that other machines with similar output rates Cyclone is designed for high volume shredding and maintenance free operation.



Kobra Cyclone (standard version): internal storage compartment. Full bags are easily removed by the built-in-trolley.



Kobra Cyclone (standard version): rear window for easy checking of waste bag level.



# 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 chart here beside is a helpful guide for choosing the correct set up on the Kobra Cyclone: it shows the available Security Levels and the suggested use of each Level according to shredding output per hour.

Option	Article Code	Security Level ISO/IEC 2196 (DIN 66399) Description	Shreddable Material	
Screen Security Level 002	51.205	Similar to security level <b>P-2</b> O-2 T-2 E-2		
Screen Security Level 003	51.204	Similar to security level <b>P-2/P-3</b> O-2 T-2 E-2		
Screen Security Level 004	51.203	Similar to security level <b>P-4</b> O-2 T-3 E-2		
Screen Security Level 005	51.202	Similar to security level <b>P-5/P-6</b> O-3 T-4 E-3 F-1*		
Screen Security Level 006	51.201	Similar to security level <b>P-7</b> O-5 T-5 E-4 F-3*		

<sup>\*</sup> Microfiche only



### Level 002

Similar to P-2 security level

Low degree of bulk reduction of shredded

Shredding output 400-420 Kg (900-940 lbs) per hour (Theoretical Output).



#### Level 003

Similar to P-2/P-3 security level This Security Level is suggested for most common commercial shredding jobs

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).



### Level 004

Similar to P-4 security level

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).



### Level 005

Similar to P-5/P-6 security level High Security, suitable for Embassies, Military and Government offices

Very high bulk reduction of shredded material. Shredding output 100-120 Kg (225-265 lbs) per hour (Theoretical Output).



### Level 006

Similar to P-7 security level

High Security shredding for very classified documents. Military and Government use.

Maximum bulk reduction of shredded material. Shredding output 70-80 Kg (155-180 lbs) per hour (Theoretical Output).

# **KOBRA COMPACTOR C-500**

Optional on Kobra Cyclone: designed to compact the shredded paper

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 the waste. Easy to install and operate, the Kobra Compactor C-500 will work with any Cyclone security level screen. Compacted shredded paper can be collected into any type of container or into plastic waste bags.

Compacting paper increases shredding security of one Level (ISO/IEC 21964 - DIN66399).

Model	Article Code	Compactable Material	Theoretical Output per hour	Volume Reduction	
Kobra COMPACTOR C-500	99.101	Paper	Up to 420 Kg	1:4 / 1:5	





Shredded and compacted paper can be collected into into plastic waste bag or any type of container (collection bin is not included).



# DIGITAL DATA STORAGE DEVICE SHREDDERS



Kobra Digital-Pro is a high-performance, versatile Digital Media Shredder designed for professional environments. It efficiently destroys Solid State Drives, Smartphones, SIM Cards, Flash Drives, USB Devices, IC Chips, Credit Cards with chips, PC Boards and other digital storage media — combining high level of security, powerful shredding capabilities with enhanced functionality, convenient and ideal for office environments.

# KOBRA HDD Hard Disk Drive Shredder

Deleting data isn't enough to completely erase your sensitive data: the hard drive destruction machines deliver maximum protection of data security. The powerful gear system of the KOBRA HDD shredder can shred hard disk drives into small pieces to make impossible to retrieve any data.



KOBRA SSD is an NSA Approved Solid State Drive shredder capable of destroying solid state drives, smartphones, tablets, memory sticks, USB memory devices, pen drives, circuit boards, credit cards, CDs/DVDs/Blu-Rays. Equipped with an exclusive two stage destruction system, it can shred electronic data holders into sand-like texture particles.



# KOBRA DIGITAL-PRO

Digital shredder developed for the next-level performance and functional design





Cabinet

(liters)

32



(cm)



Continuous 63x53x104 duty motor

Throat (mm) 160×85

Kobra DIGITAL-PRO is a high-performance, versatile digital media shredder designed for professional environments.

It efficiently destroys Solid State Drives (also with metal casing), Smartphones, SIM Cards, Flash Drives, USB Devices, IC Chips, Credit Cards with chips, PC Boards and other digital storage media - combining high level of security, powerful shredding capabilities with enhanced functionality, convenient and ideal for office environments.

- **High-level security shredding** for complete data elimination.
- Exclusive shredding technology: utilizing exclusively designed cutting knives manufactured from high grade carbon steel.
- Compact and functional design, perfect for office and professional use with the smallest footprint.
- Attractive durable **metal cabinet** and heavy duty casters.
- Shreds SSDs (also with metal casing), smartphones, SIM cards, USB drives, flash memory, IC chips, Credit Cards with chips, PC Boards, CD/DVD/BD.
- Powerful high efficiency motor for reduced operating costs. 24-hour continuous duty.
- Extremely low noise level below 55 dB.
- Easy-access with two convenient entry openings through sliding window and a slot for smaller items.
- LED indicators: clearly show the current status of the machine. LED feed guidance system: allows the operator to monitor and control the load on the cutting knives during continuous shredding
- Safety Stop: machine automatically stops when the door is opened or waste bin is full.
- Automatic anti-jamming system.



Intuitive control panel with LED indicators. Sliding window for easy access of shhreddable material.



The Kobra DIGITAL-PRO is egipped with the "Titan-Colossus" gearmotor drive, specially designed heavy duty cutting knives with unmatched power to shred large quantities of: SSDs (also with metal casings), smartphones, SIM cards, USB drives, flash memory, IC chips, Credit Cards with chips, PC Boards, CD/DVD/BD.







Shredded material detail

Model	Article Code	Shred Size	Security Level ISO/IEC 21964 (DIN 66399)	Shreddable Material	
Kobra DIGITAL-PRO	99.955	4 x 15 mm	Similar to O-3 T-4 E-3	Solid State Drives, Smartphones, SIM Cards, Flash Drives, USB Devices, IC Chips, Credit Cards with chips, PC Boards	

Option	Code	Description	
Log Management System		Log Management System allows to scan and automatically store into a computer the barcode serial number of the device being shredded keeping track of day and hour (barcode reader included).	









Throat (mm)

Cabinet Dimensions (liters) (cm) 103x82x121 duty motor 35

24 Hour Continuous

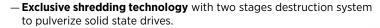






Solid State Drives, Solid State SIM Cards, Flash Drives, Circuit Boards, Enterprise Solid State Drives, Cell Phones, Tablets, USB Pen Drives, USB memory devices, flash memory, IC chips, CPU chips with internal ROM and/or flash memory, CD/DVD/Blu-ray disks\*.

\* when mixed with other storage devices



- **High efficiency motor** can save a considerable electrical energy cost.
- Kobra SSD has been approved by NSA and meets the requirements of NSA/CSS Specifications for Solid State Sevices destruction.
- Security Level: reaches and exceeds NSA/EPL 9-12 reducing shredded material in sand-like texture particles.
- Special Hepa Air Filtration System: Kobra SSD is equipped with an integrated internal state-of-the-art HEPA air filtration system to ensure a clean, safe and comfortable operating environment.
- Easy access 240x25 mm feed port is designed with a safety brush covering the complete opening for safety and ease of feed operation.
- Lockable feed hopper cover prevents unauthorized access to the contents of the hopper once material is fed into the machine.
- Lighted indicator displays keep the operator informed of machine's operating status.
- Safety Stop for bin access door, air filtration system, access door and feed hopper.
- Emergency Stop Switch: stops immediatly all machine functions.



Log Management System is an option.



Sand-like texture particles.



Intuitive control panel with LED indicators.



Easy removal and emptying of waste container.



Easy access to cutting units and waste container.

Model	Article Code	Shred Size	Security Level ISO/IEC 21964 (DIN 66399)	Shreddable Material	
Kobra SSD High Security	99.938	Sand-like texture particles.	Similar to O-7 T-7 E-7.	Solid State Drive devices.	

Option	Code Description		
Log Management System	LMS	Log Management System allows to scan and automatically store into a computer the barcode serial number of the device being shredded keeping track of day and hour (barcode reader included).	











Throat (mm) 127×30

Cabinet (liters) 40

Dimensions (cm) 120x84x123 duty motor

Continuous

## Kobra Hdd is a Hard Disk Drive shredder data protection compliant capable of destroying:

Hard Drives up to 3.5", LTO, Ultrium Magnetic tapes, CDs, DVDs, Blu-ray Optical Media, Credit and Identity Cards, USB Sticks and Solid State Devices (Phones and PDAs).

- Exclusive shredding technology through high carbon grade steel cutting knives.
- **High efficiency motor** can save a considerable electrical energy cost.
- 24 Hour continuous duty enables powerful and long operation at a minimum noise level. The new KOBRA HDD produces very low noise levels on a 24 hour continuous duty operation, destroying all kind of digital media devices into tiny 40 mm x random strip cut and making retrieval impossible.
- KOBRA HDD power unit durability and robustness can shred up to 280 hard drives per hour.
- Touch Screen Panel with LED-FCS System: KOBRA HDD carries the latest Touch Screen Technology, the most technologically advanced on the market today. Functions are activated by simply touching the panel, the special LED Feeding Control System allows the operator to monitor and control the load on cutting knives during bulk and continuous shredding.
- Bag full **Automatic Stop** with light indicator.
- Safety Stop in case of open door / bin removal.
- Easy to move unit thanks to the casters at the bottom of the machine.
- **Emergency Stop Switch:** stops immediatly all machine functions.



Convenient touch-screen panel with LED Feeding Control System.





Log Management System is an option.





Kobra HDD can be supplied, on request, with the NSA National Security Agency approved Hard Disk degausser.

Model	Article Code	Shred Size	Security Level ISO/IEC 21964 (DIN 66399)	Shreddable Material
Kobra HDD	99.945	40 mm x random	T-1 E-2 H-3	Hard Disk Drives
Kobra DEGAUSSER	97.111	Super fast erasing time: 0,1 second Completely erases digital data on a Data cannot be recovered.		Erasure capacity: 1 x 3.5" HDD or 8 x 2.5" HDD

Option	Code	Description	Indicated for
LMS LMS		Log Management System allows to scan and automatically store into a computer the barcode serial number of the device being shredded keeping track of day and hour (barcode reader included).	Kobra HDD
Log Management System (for Kobra DEGAUSSER)	LMS-D	Log Management System with one click activates the Kobra Degausser, reads and stores in a database the barcode of the hard disks that are deleted (barcode reader included).	Kobra DEGAUSSER





The Kobra GAMBLER ensures **fast**, **easy and compliant destruction** of casino and gaming pieces for **maximum protection against fraud**.



# KOBRA GAMBLER

Advanced shredder developed for high security disposal of casino gaming materials









Throat (mm) 160×85

(liters) 32

Dimensions (cm)

Continuous **63**x**53**x**104** duty motor

The Kobra GAMBLER is a high performance shredder designed specifically for high security destruction of regulated casino gaming pieces such as dice, chips, gaming tokens and playing cards.



- The Kobra GAMBLER ensures fast, easy and compliant destruction of casino and gaming pieces for maximum protection against fraud.
- Exclusive shredding technology: specifically designed heavy cutting knives for extraordinary market leading performance and durability.
- Compact design: ideal for locations where space is at a premium.
- Energy saving, high performance motor: saves energy costs with optimal performance.
- Easy and convenient operation with one slide clear window throat and one slot for smaller items.
- **LED display** for real-time status updates.
- Automatic Safety Stop in case of bag full or door open.
- Automatic anti-jamming system.





Touch-screen operating panel: controls are activated by simply touching the intuitive control panel with LED indicators.



The Kobra GAMBLER is egipped with the "Titan-Colossus" gearmotor drive, specially designed heavy duty cutting knives with unmatched power to shred large quantities of casino gaming pieces such as dice, chips, gaming tokens and playing cards



Shredded material samples: 12,5 x 20 mm dices and plastic chips shreds 12,5 x 20-88 mm playing cards shreds

Model	Article Code	Shreddable Material and Shred Size	
Kobra GAMBLER	99.956	12,5 $\times$ 20 mm Casino chips, Gaming tokens. 12,5 $\times$ 20-88 mm Playing cards (depending on the amount shredded).	



# **ECO-FRIENDLY CARDBOARD RECYCLING MACHINES**

# KOBRA FLEXPACK & KOBRA FLEXPACK *DESKTOP* transform used cardboard into high quality packaging material

KOBRA FLEXPACK and KOBRA FLEXPACK *Desktop* are the ideal ecological and economical solution when it comes to packaging material. There is no need to throw used cardboards to waste anymore. Pack your products with the cardboards you already have and protect your objects in the best, safest and cheapest way.



The protection of the environment is an issue concerning the well-being and the development of society and it is about of a duty for everyone. Our company is committed to research and development technologies for environmental protection.



# WASTE SORTING MODULAR SYSTEM

# KOBRA WASTEE

waste sorting modular system designed by Arch. Carlo Colombo

The elegant, minimalist and modern design of KOBRA WASTEE allows its placement in any location: ideal to create ecological islands in the office, in contemporary commercial areas and public spaces.

The clear and bright KOBRA WASTEE bins have lids with colored profiles designed to make the recycling experience pleasant and enjoyable. More KOBRA WASTEE bins combined together can be considered as furnishing elements, to be shown and not hidden, they stand out without invading the scene.

# KOBRA FLEXPACK DESKTOP

Eco-friendly cardboard recycling machine



Entry height

(mm)







Throat (mm)

Dimensions 24 Hour (cm) Continuous 63x37x33 duty motor



KOBRA FLEXPACK *Desktop*and KOBRA FLEXPACK
transform used cardboard boxes into
packaging material, cushioning and filling
material for safe deliveries of any product.

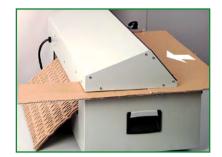
Do not use plastic packaging anymore! Recycle your cardboards!





- Kobra FlexPack Desktop simultaneously cuts and perforates cardboard to create high-quality packaging material.
   This will help to save costs, time and to protect the environment.
- An adjustable working width with scale enables the user to optimize the measure of the packaging material according to the sizes of the boxes. Moreover, it has a large and convenient carton support table ensuring easy operation.
- Automatically cuts carton of larger size than entry throat up to 70 Kg/hour.
- The unit produces very low noise level on a 24-hour continuous duty operation and carries a very high-efficiency motor that can save considerable electrical energy cost. It plugs into a standard 230 Volt outlet.
- Super Potential Power Unit: chain drive system with steel gears.
- It stands out for its sturdy and robust Kobra power unit and for its Kobra high carbon grade steel cutting knives.
- Easy to lift and carry thanks to the **handles** on both sides.
- Rubber feets to ensure a stable and non-slip support.





Easy to use, adjustable working width. Automatically cuts carton of larger size than entry throat.



Chain drive with steel gears.



Flexible high quality packing material from corrugated cardboards.



Pack and protect your objects in the best, safest and cheapest way.

Model	Article code	Throat width	Entry height	Grid dimension
KOBRA FLEXPACK Desktop	99.949	427 mm	11 mm	6 x 60 mm



# Eco-friendly cardboard recycling machine









Entry height (mm) 20

Throat (mm) 427

Dimensions (cm)

Continuous 70x51x117 duty motor

- Kobra FlexPack simultaneously cuts and perforates cardboard to create high-quality packaging material. This will help to save costs, time and to protect the environment.
- The cushioning volume of the output is adjustable through a specifically designed tension system.
- Kobra FlexPack has an adjustable working width with scale enabling the user to optimize the measure of the packaging material according to the sizes of the boxes. Moreover, it has a large and convenient carton support table ensuring easy operation.
- Automatically cuts carton of larger size than entry throat up to 250 Kg/hour.
- Kobra FlexPack carries the latest **Touch Screen Technology:** it utilizes a remarkable touch screen keypad where functions are activated by simply touching the panel. FlexPack also shows a **LED load meter** indicating the work load on the machine.
- Kobra FlexPack is equipped with an **hour meter** to help keep records of scheduled cleaning, maintenance and usage time intervals. This standard feature also helps with filter replacement schedule on machines equipped with the optional DCS-500 system.
- The unit produces very low noise level on a 24-hour continuous duty operation and carries a very high-efficiency motor that can save considerable electrical energy cost. It plugs into a standard 230 volt outlet.
- Super Potential Power Unit: chain drive system with steel gears.
- It stands out for its sturdy and robust Kobra power unit and for its Kobra high carbon grade steel cutting knives.
- Kobra FlexPack is equipped with an **emergency off switch** for user safety.
- It is a stand-alone/free standing unit, easy to move, equipped with castors and parking brake.





Easy to use, adjustable working width. Automatically cuts carton of larger size than entry throat.



Chain drive with steel gears.



Pack and protect your objects in the best, safest and cheapest way.



OPTION: Kobra DCS-500 complete dust collection system including vacuum motor.

Model	Article code	Throat width	Entry height	Grid dimension	
KOBRA FLEXPACK	99.947	427 mm	20 mm	5 x 100 mm	

Option	Code	Description	
KOBRA DCS-500	99.948	Complete dust collection system including vacuum motor, to provide dust free padding mats for clean packagings	
KOBRA Vacuum kit	51.729	Inner vacuum kit (vacuum motor excluded)	



# WASTEE waste sorting modular system





### KOBRA WASTEE Waste Sorting Modular System designed by CARLO COLOMBO ARCHITECT

Carlo Colombo graduated in architecture from the Politecnico di Milano in 1993 and immediately started to dedicate himself to design and marketing of industrial products, graphics, and set-ups, collaborating with the best brands of Italian design such as Flexform, Poliform, Giorgetti, Cappellini, Antoniolupi, Artemide, Flou, Bentley Home, Bugatti Home, Trussardi Casa, Elie Saab Maison, Olivari, Faber, Sahrai, Penta Light, to name a few. Since 2011 he has been teaching design at the University of Beijing. In 2013 he founded A++ architecture studio with Paolo Colombo in Lugano, which deals with interiors and large-scale projects all over the world, with studios in Lugano, Zurich, New York, Miami, and Dubai. His projects have been exhibited in Paris, at the Weserburg Museum of Modern Art in Bremen (1995), at the Museum of Decorative Arts in Cologne (1996), at the Milan Triennale (2016), and at MARCA, Museum of the Arts of Catanzaro (2017).

The KOBRA WASTEE project originates from the belief that technology and design must meet the challenge of sustainability, so that aesthetically beautiful and elegant products have to be ecological, as well as functional.





The elegant, minimalist and modern design of KOBRA WASTEE allows its placement in any location: ideal to create ecological islands in the office, in contemporary commercial areas and public spaces.

The clear and bright KOBRA WASTEE bins have lids with colored profiles designed to make the recycling experience pleasant and enjoyable. More KOBRA WASTEE bins combined together can be considered as furnishing elements, to be shown and not hidden, they stand out without invading the scene.

**KOBRA WASTEE** – **Waste sorting modular system is designed with a strong commitment to sustainability.** We use recycled materials to reduce waste and ensure complete recyclability, both for the product and its packaging.

Recycled materials: up to 20% of the product is made from recycled materials, reducing the consumption of resources



**Eco-friendly packaging:** the packaging is also entirely recyclable, making it an even greener choice.

- Available in **different models**, graphics and colors which help to quickly identify how to separate the different types of waste according to international standards.
- Space-saving modules, always well aligned: two round areas located on each side include a magnet for easy joining of more bins to each other.
- Stable container: made of particular robust materials, 100% recyclable.
- Easy to clean: the lids and outer shell have an attractive glossy ivory-white finish.
- Quick and easy system to change the full bag: tilting opening of the lid.
- Waste bag made with recycled materials: 100% recyclable.
- Capacity: 60 liters.
- **Dimensions** (LxDxH): cm 34 x 34,5 x 70,5.
- Weight: 6,7 Kg.



Two round areas located on each side **include a magnet for easy joining** of more bins to each other.



Quick and easy replacement of the bag.

Model	Article Code	Lid color / Hole type	Type of waste
Kobra Wastee Gray	WA-99.005	Gray / Round	Unsorted waste
Kobra Wastee Yellow	WA-99.006	Yellow / Round	Plastic
Kobra Wastee Blue	WA-99.007	Blue / Oval	Paper
Kobra Wastee Green	WA-99.008	Green / Two round	Glass
Kobra Wastee Red	WA-99.019	Red / Two round	Metal
Kobra Wastee Brown	WA-99.022	Brown / Round, closed	Food waste (organic)

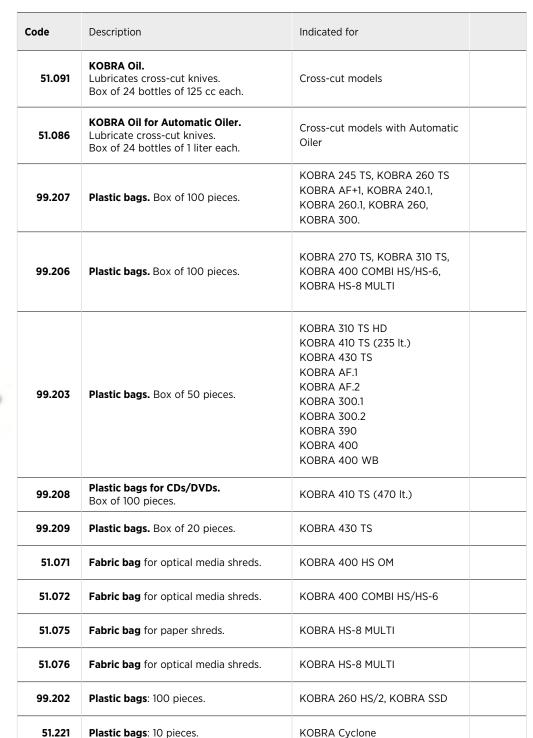
Available: waste bags made with recycled materials 100% recyclable (box of 100 bags), Art. Code WA-99.100.

www.wastee.it



# **KOBRA CONSUMABLES**





KOBRA SSD

KOBRA SSD

KOBRA Cyclone vacuum system

KOBRA Cyclone with KOBRA

Compactor C-500







51.225/U

51.703

51.225

51.230



Kobra Cyclone - Compactor plastic sleeve

Filter bags: 10 pieces.

Filter bags: 10 pieces.

junction. Box of 10 pieces.

**HEPA filter.** 



# SECURITY LEVELS ISO/IEC 21964 (DIN 66399) & data carrier classification





## Data in Original Size on: Paper, Printout, films, printing plates etc.

P-1	Stripe width max 12 mm	P-3	Cross Cut < 320 mm <sup>2</sup>	P-6	Cross Cut < 10 mm <sup>2</sup>
P-2	Stripe width max 6 mm	P-4	Cross Cut < 160 mm <sup>2</sup>	P-7	Cross Cut < 5 mm <sup>2</sup>
		D-5	Cross Cut < 30 mm <sup>2</sup>		





## Data on Optical Carriers: CDs, DVDs etc.

<b>0-1</b> Cross Cut < 2000 mm <sup>2</sup> <b>0-2</b> Cross Cut < 800 mm <sup>2</sup>	<b>0-3</b> Cross Cut < 160 mm <sup>2</sup> <b>0-4</b> Cross Cut < 30 mm <sup>2</sup>	<b>0-6</b> Cross Cut < 5 mm <sup>2</sup> <b>0-7</b> Cross Cut < 0,2 mm <sup>2</sup>
	<b>0-5</b> Cross Cut < 10 mm <sup>2</sup>	



### Data on Magnetic Carriers: Credit Cards, Floppy Disks, ID Cards, Magnetic Tape Cassettes, etc.

T-1	Mechanically	T-3	Cross Cut < 320 mm <sup>2</sup>	T-6	Cross Cut < 10 mm <sup>2</sup>
	inoperable	T-4	Cross Cut < 160 mm <sup>2</sup>	T-7	Cross Cut < 2,5 mm <sup>2</sup>
T-2	Cross Cut < 2000 mm <sup>2</sup>	T-5	Cross Cut < 30 mm <sup>2</sup>		



### Data on electronic data carriers: Memory Sticks, Chip cards, Semiconductor Hard Drives, mobile communication media, etc.

E-1	Mechanically/	E-3	Cross Cut < 160 mm <sup>2</sup>	E-6	Cross Cut < 1 mm <sup>2</sup>
	Electronically inoperable	E-4	Cross Cut < 30 mm <sup>2</sup>	E-7	Cross Cut < 0,5 mm <sup>2</sup>
E-2	Split	E-5	Cross Cut < 10 mm <sup>2</sup>		





### Reduced size data on: micro-films and foils

<b>F-1</b> Cross Cut < 160 mm <sup>2</sup>	F-3 Cross Cut < 10 mm <sup>2</sup>	<b>F-6</b> Cross Cut < 0,5 mm <sup>2</sup>
F-2 Cross Cut < 30 mm <sup>2</sup>	<b>F-4</b> Cross Cut < 2,5 mm <sup>2</sup>	<b>F-7</b> Cross Cut < 0,2 mm <sup>2</sup>
	<b>F-5</b> Cross Cut < 1 mm <sup>2</sup>	



### Data on Hard Disks (with magnetic data carriers)

H-1 Mechanically/	H-3 Deformed	<b>H-6</b> Cross Cut < 10 mm <sup>2</sup>
Electronically inoperable <b>H-2</b> Damaged	<b>H-4</b> Cross Cut < 2000 mm <sup>2</sup> <b>H-5</b> Cross Cut < 320 mm <sup>2</sup>	<b>H-7</b> Cross Cut < 5 mm <sup>2</sup>



KOBRA products are built with the highest quality materials according to ISO 9001:2015 standards.













