

ELCOMAN SRL

MADE IN ITALY

KOBRA[®]

TECHNICAL DATA
Industrial line shredders at a glance



www.kobra.com

INDUSTRIAL LINE

Strong, durable and efficient



Paper and optical data carrier shredders



KOBRA CYCLONE System

High technology shredding system allows high volume shredding and maintenance free operation. Blades rotating at a very high speed, combined with the power of a turbine providing the unit with an airflow, allow the shredding of up to 500 sheets of paper at a time as well as the shredding of many other types of materials into 5 different available particle sizes.



KOBRA C-500 Compactor

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



KOBRA 430 TS

Designed for large shredding throughput and continuous shredding operation. 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, folders, cardboards, CD/DVD/Blu-Ray disks, credit cards, floppy-disks and USB pen drives.

Electronic data carrier shredders



KOBRA HDD Hard Disk Drive Shredder

Deleting data isn't enough to completely erase your sensitive data: the hard drive destruction machine guarantees maximum protection of data security. The powerful gear system of KOBRA HDD shredder can split hard disk drives into small pieces to make it impossible to obtain data from it.



KOBRA SSD Solid State Drive Shredder Smartphone and SSD High Security shredding

KOBRA SSD is an NSA Approved Solid State Drive shredder capable of destroying solid state drives, smartphones, memory sticks, iPads, USB memory devices, pen drives, tablets, circuit boards, credit cards, CDs/DVDs/Blu-Rays. Equipped with an exclusive two stage of destruction system (HS Model) can reduce shredded material into sand-like texture particles.

Eco-friendly cardboard recycling machines



Kobra FLEXPACK and Kobra FLEXPACK desktop

KOBRA FLEXPACK and KOBRA FLEXPACK desktop transform used cardboard into high quality packaging material, they are the ideal ecological and economical solution when it comes to packaging material.

**ECO-FRIENDLY
CARDBOARD RECYCLING MACHINES**



MODEL	Kobra FLEXPACK desktop	Kobra FLEXPACK
Click the link to visit the website product page	Learn more	Learn more
Article Code	99.949	99.947
Throat width (mm)	427	427
Entry height (mm)	11	20
Grid dimension (mm)	6 x 60	5 x 100

Material		
Cardboard	up to 70 Kg/hour	up to 250 Kg/hour

Main Features		
24H Continuous Duty Motor		
Motor Thermal Protection		
Adjustable cushioning volume of hard carton		
Complete dust collection system to provide dust free padding mats		<i>Option</i>

Technical Data		
Noise level (dB)	58	58
Voltage (V) 50-60Hz	230	230
Power (Watt)	600	2.100

Dimensions and Weight		
Width x Depth x Height (cm)	63 x 37 x 33	70 x 51 x 117
Weight (Kg)	41	140

**ELECTRONIC SHREDDERS
(HDD, SSD, SMARTPHONES, TABLETS...)**

Commercial & High Security



MODELS	Kobra SSD High Security	Kobra HDD
Click the link to visit the website product page	Learn more	Learn more
Article Code	99.938	99.945
Throat width (mm)	240 x 25	127 x 30
Shred size (mm)	Sand-like texture particles	40 x random

Shreddable Materials		
Security Level ISO/IEC 21964 (DIN 66399)		
Credit card / Smart card	Similar to T-7 / E-7	T-1 / E-2
Floppy disks / Memory stick	Similar to T-7 / E-7	T-1 / E-2
CD, DVD, BluRay disk	Similar to O-7	
Solid State Drive	Similar to E-7	
Electronic boards	Similar to E-7	
Smartphones, Tablets	Similar to E-7	
Hard Disk Drive	-	H-3

Main Features		
24H Continuous Duty Motor Motor Thermal Protection		
Start & Stop	Manual	Manual
Safety Stop with light signal for open door/bin out		
Safety Stop with light signal for bag or bin full		
Automatic Reverse System		
<i>Option</i>	<i>Log Management System</i>	<i>Log Management System / NSA Approved Degausser</i>

Technical Data		
Waste bag/bin Volume (l)	35	40
Speed**	Up to 40 kg/h	Up to 280 HDD/hour
Noise level (dB)	variable	50
Voltage (V) 50-60Hz	380/400 3 phases + neutral	230
Power (Watt)	5.000	2.600

Dimensions and Weight		
Width x Depth x Height (cm)	103 x 82 x 121	120 x 84 x 123
Weight (Kg)	570	500

**Speed calculated at 60 Hz as knife outside diameter x rpm.



MODELS
Click the link to visit the website product page
Article Code
Throat width (mm)
Shred size (mm)
Sheet capacity* (A4/70g)
Sheet capacity* (A4/80g)

Shreddable Material
Security Level ISO/IEC 21964 (DIN 66399)
Paper
Credit card
Smart card
CD, DVD, BluRay disk
Floppy disk
Memory stick

Main Features
Automatic Oiling System
24H Continuous Duty Motor Motor Thermal Protection
Heavy duty chain drive with steel gears (super potential power unit)
Start & Stop
Safety Stop with light signal for open door/bin out
Safety Stop with light signal for bag or bin full
Automatic Reverse System

Technical Data
Waste bag/bin Volume (l)
Speed**
Noise level (dB)
Voltage (V) 50-60Hz
Power (Watt)

Dimensions and Weight
Width x Depth x Height (cm)
Weight (Kg)

Kobra CYCLONE	Kobra COMPACTOR C-500
Learn more	Learn more
99.100	99.101
325 x 220	
See CYCLONE brochure	
500	

See CYCLONE brochure	
45.000 x hour	
30.000 x hour	
15.000 x hour	
7.000 x hour	

See CYCLONE brochure	
Manual Start Automatic Stop	Automatic Start & Stop

400	
Up to 420 kg per hour (theoretical output)	
75/85	
380/400 3 phases + neutral	
6.000	2.200

80 x 212 x 210	100 x 60 x 148
440	220

Kobra 430 TS C4	Kobra 430 TS C2
Learn more	Learn more
99.901	99.943
430 (with conveyor belt)	
5,8 x 50	1,9 x 15
125-130	60-65
100-105	50-55

P-3	P-5
T-3	T-5
E-2	E-4
O-2	O-4
T-3	T-5
E-2	E-4

	Standard
Manual Start & Stop	

470	
0,21 m/s	
60	
380-415	
4.000	

81 x 161 x 170	
480	

*Capacity varies on supply power, operating temperature and blade lubrication.
**Speed calculated at 60 Hz as knife outside diameter x rpm.

Legenda ISO/IEC 21964 (DIN 66399) P - Paper O - CD/DVD T - Floppy disk T - Credit card E - Smart card E - USB F - Film H - Hard Disk

KOBRA shredders are built according to CE standard and carry the most International recognized safety marks

ISO/IEC 21964 (DIN 66399) SECURITY LEVELS

Data Carrier Classification



P

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

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



O

Data on Optical Carriers: CDs, DVDs etc.

O-1 Cross Cut < 2000 mm ²	O-3 Cross Cut < 160 mm ²	O-6 Cross Cut < 5 mm ²
O-2 Cross Cut < 800 mm ²	O-4 Cross Cut < 30 mm ²	O-7 Cross Cut < 0,2 mm ²
	O-5 Cross Cut < 10 mm ²	



T

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

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



E

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

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



F

Reduced size data on: micro-films and foils

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



H

Data on Hard Disks (with magnetic data carriers)

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



**KOBRA products are built with the highest quality materials according to ISO 9001:2015 standards.
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Specifications in this publication may be subject
to change without notice.*