

ELCOMAN SRL

MADE IN ITALY

KOBRA[®]

TECHNICAL DATA
Touch-screen line shredders at a glance



www.kobra.com

TOUCH SCREEN LINE

Technology and Innovation

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.



CHAIN DRIVE SUPER POTENTIAL POWER SYSTEM

Sturdy steel gears and metal chain drive system which offer reliability and resistance to wear.



TWO SEPARATE SETS OF CUTTING KNIVES

Two separate sets of cutting knives for the separate insertion and shredding of paper and plastic. Available also for High Security CD shredding 1,5x2,5 mm (see *model specifications*).



24 HOUR CONTINUOUS DUTY MOTOR

Continuous shredding 24 hours a day without overheating and duty cycles.



AUTOMATIC OILING SYSTEM

Kobra TS cross-cut and High Security shredders can be equipped with an integrated built-in automatic oiling system, with an Oil Warning light. This system eliminates the need of manual oiling of cutting knives.



ENERGY SMART SYSTEM

Stand-by power saving mode after 8 seconds of no use. Automatic disconnection from power supply after 4 hours of non operation.



METAL DETECTION SYSTEM SHRED GUARD

It stops the machine when large metal objects, which could cause a damage to the cutting knives, are accidentally inserted.



TOUCH SCREEN PANEL

All controls are activated by simply touching the panel. Shreds transparent material by keeping the finger on the Forward control for 5 seconds.



AUTOMATIC FEEDER

Just insert the documents to shred into the automatic feeder and it will shred automatically each document and turn into its stand-by position when shredding is completed (*Kobra 310 TS series*).



EPC (ELECTRONIC POWER CONTROL)

It shows the shredding load required to optimise shredding without jams (*Kobra 270, 310, 410TS series*).



AUTOMATIC REVERSE SYSTEM 100% JAM PROOF

It comes on when too much material is inserted into the shredder to prevent jamming and puts the machine into automatic reverse mode.



ENERGY SMART™ System
for power saving stand-by mode



MODEL
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)
Waste bin/bag • Volume (l)

Kobra 245 TS				
S5	S4	S4-SF	C4	C2
Learn more	Learn more	Learn more	Learn more	Learn more
99.892	99.891	99.902	99.894	99.893
245				
5,8	3,8	3,8	3,9 x 40	1,9 x 15
27-29	25-27	14-16	21-23	11-13
22-24	20-22	11-13	16-18	9-11
40				

Kobra 260 TS			
S5	S4	C4	C2
Learn more	Learn more	Learn more	Learn more
99.805	99.800	99.815	99.810
260			
5,8	3,8	3,9 x 40	1,9 x 15
28-30	26-28	22-24	12-14
23-25	21-23	17-19	10-12
80			

Kobra 270 TS			
S5	S4	C4	C2
Learn more	Learn more	Learn more	Learn more
99.835	99.830	99.845	99.840
310			
5,8	3,8	3,9 x 40	1,9 x 15
30-32	27-29	24-26	13-15
24-26	22-24	19-21	11-13
110			

Security Level ISO/IEC 21964 (DIN 66399) Shreddable Material

Paper	P-2	P-4	P-5
Credit card	T-2	T-2	T-4
Smart card	E-2	E-2	E-3
CD/DVD/BluRay	O-2	O-2	O-3
Floppy disk	T-2	T-2	
Micro-film, Foil		F-1	F-2
Memory stick			

	P-2	P-4	P-5
	T-2	T-2	T-4
	E-2	E-2	E-3
	O-2	O-2	O-3
	T-2	T-2	
		F-1	F-2

	P-2	P-4	P-5
	T-2	T-2	T-4
	E-2	E-2	E-3
	O-2	O-2	O-3
	T-2	T-2	
		F-1	F-2

	P-2	P-4	P-5
	T-2	T-2	T-4
	E-2	E-2	E-3
	O-2	O-2	O-3
	T-2	T-2	
		F-1	F-2

Main Features

Energy Smart™ System and Automatic disconnection after 4 hours of no-use	
24H Continuous Duty Motor	
Motor Thermal Protection	
Heavy duty chain drive with steel gears (Super Potential Power Unit)	
EPC - Electronic Power Control	
Automatic Start & Stop	
Electronic eyes (E) • Sensor (S)	
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

Speed** (m/s)	0,07	0,05	0,15	0,07
Noise level (dB)	54/55		58/59	54/55
Voltage (V) 50/60Hz	230			
Power (Watt)	500			

	0,07	0,05	0,15	0,07
	54/55		58/59	54/55
	230			
	500			

	0,07	0,05	0,07	
	54/55			
	230			
	500			

	0,07	0,06	0,07	0,06
	54/55			
	230			
	500			

Available Options

AO Automatic Oiler		AO Option
AF Auto-Feeder LK Lockable Cover		
MD Metal Detection (Shred Guard)	MD Option	MD Option
CD CDs/DVDs Cutting Unit		

		AO Option
	MD Option	MD Option

		AO Option
	MD Option	
	CD Standard (O-1 T-2 E-2)	

		AO Option
	MD Option	
	CD Standard (O-1 T-2 E-2)	

Dimensions and Weight

Width x Depth x Height (cm)	40 x 36 x 61			
Weight (Kg)	24	25	27	

	40 x 36 x 61			
	24	25	27	

	40 x 36 x 100			
	32	35		

	53 x 43 x 88			
	45	46		

*Capacity varies on supply power, weight, quality and grain of paper, operating temperature and blade lubrication
**Speed calculated at 60 Hz as knife outside diameter x rpm



ENERGY SMART[™] System
for power saving stand-by mode

MEDIUM/LARGE OFFICE

P-2/P-4/P-5 security levels



Kobra 310 TS			
SS5	SS4	CC4	CC2
Learn more	Learn more	Learn more	Learn more
99.865	99.860	99.875	99.870
330 (310 with auto-feeder)			
5,8	3,8	3,9 x 40	1,9 x 15
45-47	37-39	29-31	17-19
37-39	31-33	25-27	14-16
150			

MODEL

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)

Waste bin/bag • Volume (l)

Security Level ISO/IEC 21964 (DIN 66399) Shreddable Material

Paper	P-2	P-4	P-5
Credit card	T-2	T-2	T-4
Smart card	E-2	E-2	E-3
CD/DVD/BluRay	O-2	O-2	O-3
Floppy disk	T-2	T-2	T-4
Micro-film, Foil		F-1	F-2
Memory stick			

Main Features

Energy Smart [™] System and Automatic disconnection after 4 hours of no-use	
24H Continuous Duty Motor Thermal Protection	
Heavy duty chain drive with steel gears (Super Potential Power Unit)	
EPC - Electronic Power Control	
Automatic Start & Stop Electronic eyes (E) • Sensor (S)	
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

Speed** (m/s)	0,08	0,07
Noise level (dB)	57/58	
Voltage (V) 50/60Hz	230	
Power (Watt)	1.200	

Available Options

AO Automatic Oiler	AO Option	
AF Auto-Feeder LK Lockable Cover	AF + LK Option	
MD Metal Detection (Shred Guard)	MD Option	MD Option***
CD CDs/DVDs Cutting Unit	CD Standard (O-1 T-2 E-2)	

Dimensions and Weight

Width x Depth x Height (cm)	53 x 43 x 107 (+ 7 cm auto-feeder)	
Weight (Kg)	54	55 / 58 (auto-feeder)

HEAVY DUTY SHREDDERS

P-2/P-4/P-5 security levels



Kobra 310 TS HD	
C4	C2
Learn more	Learn more
99.905	99.904
330	
3,9 x 40	1,9 x 15
54-56	30-32
48-50	27-29
150	

Kobra 410 TS		
S5	C4	C2
Learn more	Learn more	Learn more
99.887	99.886	99.888
410		
5,8	3,9 x 40	1,9 x 15
68-72	54-56	30-32
60-64	48-50	27-29
205		

Paper	P-2	P-4	P-5
Credit card	T-2	T-2	T-4
Smart card	E-2	E-2	E-3
CD/DVD/BluRay	O-2	O-2	O-3
Floppy disk	T-2	T-2	T-4
Micro-film, Foil		F-1	F-2
Memory stick			

Energy Smart [™] System and Automatic disconnection after 4 hours of no-use	
24H Continuous Duty Motor Thermal Protection	
Heavy duty chain drive with steel gears (Super Potential Power Unit)	
EPC - Electronic Power Control	
Automatic Start & Stop Electronic eyes (E) • Sensor (S)	
Safety Stop with light signal for open door/bin out	
Safety Stop with light signal for bag or bin full	
Automatic Reverse System	

Speed** (m/s)	0,08	0,07
Noise level (dB)	57/58	
Voltage (V) 50/60Hz	230	
Power (Watt)	1.200	

AO Automatic Oiler	AO Option	
AF Auto-Feeder LK Lockable Cover	AF + LK Option	
MD Metal Detection (Shred Guard)	MD Option	MD Option***
CD CDs/DVDs Cutting Unit	CD Standard (O-1 T-2 E-2)	

Width x Depth x Height (cm)	53 x 43 x 107 (+ 7 cm auto-feeder)	
Weight (Kg)	54	55 / 58 (auto-feeder)

Paper	P-4	P-5
Credit card	T-4	T-5
Smart card	E-3	E-4
CD/DVD/BluRay	O-3	O-4
Floppy disk	T-4	T-5
Micro-film, Foil	F-1	F-2
Memory stick	E-3	E-4

Energy Smart [™] System and Automatic disconnection after 4 hours of no-use	
24H Continuous Duty Motor Thermal Protection	
Heavy duty chain drive with steel gears (Super Potential Power Unit)	
EPC - Electronic Power Control	
Automatic Start & Stop Electronic eyes (E) • Sensor (S)	
Safety Stop with light signal for open door/bin out	
Safety Stop with light signal for bag or bin full	
Automatic Reverse System	

Speed** (m/s)	0,1
Noise level (dB)	60
Voltage (V) 50/60Hz	230
Power (Watt)	2.600

AO Automatic Oiler	AO Standard
AF Auto-Feeder LK Lockable Cover	AF + LK Option
MD Metal Detection (Shred Guard)	MD Option
CD CDs/DVDs Cutting Unit	CD Option (O-3 T-4 E-3)

Width x Depth x Height (cm)	53 x 43 x 107
Weight (Kg)	89

Paper	P-2	P-4	P-5
Credit card	T-2	T-4	T-5
Smart card	E-2	E-3	E-4
CD/DVD/BluRay	O-2	O-3	O-4
Floppy disk	T-2	T-4	T-5
Micro-film, Foil		F-1	F-2
Memory stick	E-2	E-3	E-4

Energy Smart [™] System and Automatic disconnection after 4 hours of no-use	
24H Continuous Duty Motor Thermal Protection	
Heavy duty chain drive with steel gears (Super Potential Power Unit)	
EPC - Electronic Power Control	
Automatic Start & Stop Electronic eyes (E) • Sensor (S)	
Safety Stop with light signal for open door/bin out	
Safety Stop with light signal for bag or bin full	
Automatic Reverse System	

Speed** (m/s)	0,1
Noise level (dB)	62/63
Voltage (V) 50/60Hz	230
Power (Watt)	2.600

AO Automatic Oiler	AO Standard
AF Auto-Feeder LK Lockable Cover	AF + LK Option
MD Metal Detection (Shred Guard)	MD Option
CD CDs/DVDs Cutting Unit	CD Option (O-3 T-4 E-3)

Width x Depth x Height (cm)	60 x 48 x 104
Weight (Kg)	105

*Capacity varies on supply power, weight, quality and grain of paper, operating temperature and blade lubrication
**Speed calculated at 60 Hz as knife outside diameter x rpm

***Metal detector system available on all models without Auto-Feeder



ENERGY SMART System
for power saving stand-by mode



High Security	Kobra 245 TS		Kobra 260 TS		Kobra 270 TS		Kobra 310 TS		Kobra 310 TS HD		Kobra 410 TS	
	HS	HS-6	HS	HS-6	HS	HS-6	HS	HS-6	HS	HS-6	HS	HS-6
Click the link to visit the website product page	Learn more	Learn more	Learn more	Learn more	Learn more	Learn more	Learn more	Learn more	Learn more	Learn more	Learn more	Learn more
Article Code	99.895	99.896	99.820	99.825	99.850	99.855	99.880	99.885	99.906	99.907	99.889	99.890
Throat width (mm)	245		260		310		330 (310 with auto-feeder)		330		410	
Shred size (mm)	0,8 x 9,5	0,8 x 5	0,8 x 9,5	0,8 x 5	0,8 x 9,5	0,8 x 5	0,8 x 9,5	0,8 x 5	0,8 x 9,5	0,8 x 5	0,8 x 9,5	0,8 x 5
Sheet capacity* (A4 70g)	6-8	4-5	6-8	4-5	8-10	4-5	11-13	6-8	20-22	12	20-22	12
Sheet capacity* (A4 80g)	5-6	3-4	5-6	3-4	7-8	3-4	10-11	7	18-20	10	18-20	10
Waste bin/bag • Volume (l)	40		80		110		150		150		205	

**Security Level ISO/IEC 21964
(DIN 66399) Shreddable Material**

	NSA EPC-Label		NSA EPC-Label		NSA EPC-Label		NSA EPC-Label		NSA EPC-Label		NSA EPC-Label	
Paper	P-6	P-7	P-6	P-7	P-6	P-7	P-6	P-7	P-6	P-7	P-6	P-7
Credit card	T-6		T-6		T-6		T-6		T-6		T-6	
Smart card									E-5			
CD/DVD/BluRay									O-5			
Floppy disk												
Micro-film, Foil	F-3		F-3		F-3		F-3		F-3		F-3	

Main Features

Energy Smart System and Automatic disconnection after 4 hours	
24H Continuous Duty Motor Thermal Protection	
Heavy duty chain drive with steel gears (Super Potential Power Unit)	
EPC - Electronic Power Control	
Automatic Start & Stop Electronic eyes (E) • Sensor (S)	
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

Speed** (m/s)	0,08	0,08	0,07	0,08	0,08	0,1	0,1
Noise level (dB)	54/55				57/58	58/63	60/63
Voltage (V) 50/60Hz	230				230		
Power (Watt)	500				1.200	2.600	

Available Options

AO Automatic Oiler	AO Option			AO Standard		
AF Auto-Feeder LK Lockable Cover				AF + LK Option		
MD Metal Detection	MD Option			MD Option***		MD Option
CD CDs/DVDs Cutting Unit	CD Option (O-1 T-2 E-2)					CD Option 15x2mm (O-6 T-6 E-5)

Dimensions and Weight

Width x Depth x Height (cm)	40 x 36 x 61	40 x 36 x 100	53 x 43 x 88	53 x 43 x 107 (+7cm auto-feeder)	53 x 43 x 107	60 x 48 x 104
Weight (Kg)	29	36	52	58 / 60 (auto-feeder)	92	128

*Capacity varies on supply power, weight, quality and grain of paper, operating temperature and blade lubrication
**Speed calculated at 60 Hz as knife outside diameter x rpm

***Metal detector system available on all models without Auto-Feeder

..... High security models
..... HS, HS-6

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

**Legenda ISO/IEC 21964
(DIN 66399)**

P - Paper
O - CD/DVD

T - Floppy disk
T - Credit card

E - Smart card - USB
F - Film

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-2 Stripe width max 6 mm

P-3 Cross Cut < 320 mm²
P-4 Cross Cut < 160 mm²
P-5 Cross Cut < 30 mm²

P-6 Cross Cut < 10 mm²
P-7 Cross Cut < 5 mm²



O

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

O-1 Cross Cut < 2000 mm²
O-2 Cross Cut < 800 mm²

O-3 Cross Cut < 160 mm²
O-4 Cross Cut < 30 mm²
O-5 Cross Cut < 10 mm²

O-6 Cross Cut < 5 mm²
O-7 Cross Cut < 0,2 mm²



T

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

T-1 Mechanically inoperable
T-2 Cross Cut < 2000 mm²

T-3 Cross Cut < 320 mm²
T-4 Cross Cut < 160 mm²
T-5 Cross Cut < 30 mm²

T-6 Cross Cut < 10 mm²
T-7 Cross Cut < 2,5 mm²



E

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

E-1 Mechanically/Electronically inoperable
E-2 Split

E-3 Cross Cut < 160 mm²
E-4 Cross Cut < 30 mm²
E-5 Cross Cut < 10 mm²

E-6 Cross Cut < 1 mm²
E-7 Cross Cut < 0,5 mm²



F

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

F-1 Cross Cut < 160 mm²
F-2 Cross Cut < 30 mm²

F-3 Cross Cut < 10 mm²
F-4 Cross Cut < 2,5 mm²
F-5 Cross Cut < 1 mm²

F-6 Cross Cut < 0,5 mm²
F-7 Cross Cut < 0,2 mm²



H

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

H-1 Mechanically/Electronically inoperable
H-2 Damaged

H-3 Deformed
H-4 Cross Cut < 2000 mm²
H-5 Cross Cut < 320 mm²

H-6 Cross Cut < 10 mm²
H-7 Cross Cut < 5 mm²

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

KOBRA and ENERGY SMART are registered trademarks.



ELCOMAN SRL

Via Gorizia, 9 - 20813 Bovisio Masciago (MB) - Italy
Tel +39 0362 593584 - Fax +39 0362 591611
Email: kobra@elcoman.it

Technical data as of January 2024.
Specifications in this publication may be subject to change without notice.