

ELCOMAN SRL

MADE IN ITALY

KOBRA[®]

TECHNICAL DATA
Classic line shredders at a glance



www.kobra.com

CLASSIC LINE

Quality and Professional

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



24 HOUR CONTINUOUS DUTY MOTOR

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



CHAIN DRIVE SUPER POTENTIAL POWER SYSTEM

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



INTEGRATED AUTOMATIC COMPACTOR

The integrated automatic compactor reduces the volume of shredded paper by 4 times to optimize bag capacity and avoid frequent emptyings (Kobra AF.2).



TURBO BOOST SYSTEM FOR EXTRA SHREDDING CAPACITY

By pressing the Turbo switch the shredding capacity of the machine is increased by 30%. Unbelievable shredding power up to 52 sheets of paper in one pass (Kobra 240 Turbo).



THROW AND SHRED SYSTEM

Automatic feeding system for shredding crumpled paper (Kobra+3 CC4 and Kobra 400 WB series).



EXCLUSIVE OIL-FREE SYSTEM

No need of lubrication and maintenance of cutting blades (Kobra AF.1 C4 and AF+1).



HYBRID POWER MANAGEMENT SYSTEM

Environmentally friendly Hybrid technology utilizes stored energy during each and every shredding cycle to improve efficiency, performance and to disconnect the machine from power supply.



ENERGY SMART SYSTEM

Environmentally friendly Energy smart system® stand-by power saving mode after 8 seconds of no use.



AUTOMATIC AUTO-FEED SYSTEM

Exclusive high speed automatic auto-feeder system for the shredding of large volumes of documents (Kobra AF series).



AUTOMATIC REVERSE SYSTEM 100% JAM PROOF

It comes on when too much material is inserted into the shredder to prevent jamming.



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.



AUTOMATIC OILING SYSTEM

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



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) Manual feed / Automatic feed
Sheet capacity* (A4 80g) Manual feed / Automatic feed
Waste bin/bag • Volume (l)

Kobra AF+1	
40 lt	80 lt
Learn more	Learn more
99.935	99.936
240	
3,5 x 40	
10-12 / 350	10-12 / 350
9-11 / 300	9-11 / 300
40	80

Kobra AF.1	
C4	C2
Learn more	Learn more
99.934	99.937
260	
3,9 x 40	1,9 x 15
10-12 / 350	7-8 / 350
9-11 / 300	6-7 / 300
150	

Kobra AF.2 COMPACTOR
Learn more
99.944
260
3,9 x 40
10-12 / 400
9-11 / 350
150 (up to 600)

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

Paper
Credit card
Smart card
Micro-film
CD/DVD/BluRay
Floppy disk

P-4
T-4
E-3
F-1

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

P-4
T-4
E-3
F-1

Main Features

Automatic Oiling System
Energy Smart System
24H Continuous Duty Motor Motor Thermal Protection
Heavy duty chain drive with steel gears (Super Potential Power Unit)
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
Option

Oil free
(E)

Oil free
(E)
Electronic Combination Lock

Oil free
(E)
Electronic Combination Lock

Technical Data

Speed** (sheets/min)
Noise level (dB)
Voltage (V) 50/60Hz
Power (Watt)

13
52/55
230
250

up to 20
56/58
230
600

up to 20
58
230
1000

Dimensions and Weight

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

39 x 36 x 64	39 x 36 x 103
24	31

53 x 43 x 109	
47	47

53 x 43 x 109
64

*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



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 HYBRID	
Hybrid	Hybrid-S
Learn more	Learn more
99.941	99.942
230	
3,5 x 40	
8-9	12-14
7-8	10-12
30	

Kobra HYBRID		
Hybrid-S6	Hybrid-S4	Hybrid-C4
Learn more	Learn more	Learn more
99.952	99.951	99.953
240		
5,8	3,8	3,5 x 40
26-28	20-22	15-17
24-26	18-20	14-15
40		

Shreddable Material

Security Level ISO/IEC 21964 (DIN 66399)

Paper
Credit card
Smart card
Micro-film
CD/DVD/BluRay
Floppy disk

P-4	P-4
T-4	T-4
E-3	E-3
F-1	F-1

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

Main Features

Hybrid Power Management System
Zero consumption in stand-by mode
24H Continuous Duty Motor Motor Thermal Protection
Heavy duty chain drive with steel gears
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)
Noise level (dB)
Voltage (V) 50/60Hz
Power (Watt)

0,035	
53	55
230	230
170	250

0,025	0,035
54/55	52/55
230	230
390	390

Dimensions and Weight

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

37 x 26 x 50	
8	9

39 x 30 x 59	
11	12

*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



MODEL	Kobra
	C1
Click the link to visit the website product page	Learn more
Article Code	99.320
Throat width (mm)	230
Shred size (mm)	3,5 x 40
Sheet capacity* (A4 70g)	8-9
Sheet capacity* (A4 80g)	7-8
Waste bin/bag • Volume (l)	18

Kobra +2				
SS7	SS4	CC2	CC4	
Learn more	Learn more	Learn more	Learn more	
99.111	99.108	99.112	99.110	
230				
7,5	3,8	1,9 x 13	3,5 x 40	
25-27	17-19	7-8	12-14	
22-24	15-17	5-7	10-12	
38,5 + 1,5				

Kobra 240.1				
S5	S4	S2	C4	C2
Learn more	Learn more	Learn more	Learn more	Learn more
99.910	99.909	99.908	99.912	99.911
240				
5,8	3,8	1,9	3,5 x 30	1,9 x 15
29-31	24-26	13-15	15-17	10-12
25-27	20-22	11-13	13-15	9-11
40				

Kobra 240.1				
S5	S4	S2	C4	C2
Learn more	Learn more	Learn more	Learn more	Learn more
99.910	99.909	99.908	99.912	99.911
240				
5,8	3,8	1,9	3,5 x 30	1,9 x 15
29-31	24-26	13-15	15-17	10-12
25-27	20-22	11-13	13-15	9-11
40				

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

Paper	P-4
Credit card	T-4
Smart card	E-3
Micro-film	F-1
CD/DVD/BluRay	
Floppy disk	

P-4
T-4
E-3
F-1

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

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

Main Features

Automatic Oiling System	
Energy Smart System	Zero consumption in stand-by mode
24H Continuous Duty Motor Thermal Protection	
Heavy duty chain drive with steel gears	
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	

Zero consumption in stand-by mode

	Oil free

	Oil free

Technical Data

Speed** (m/s)	0,035
Noise level (dB)	52/55
Voltage (V) 50/60Hz	230
Power (Watt)	170

0,035
52/55
230
170

0,025	0,035	0,035
54/55	53/55	53/55
230	230	230
250	250	250

0,09	0,07	0,09
55	58/61	
230		
500		

Dimensions and Weight

Width x Depth x Height (cm)	34 x 20 x 50
Weight (Kg)	7

34 x 20 x 50
7

39 x 30 x 59	12	14	13
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40 x 36 x 64	22	24	25
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*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



MODEL	Kobra 240					Kobra 240 Turbo				Kobra 260.1				
	SS5	SS4	SS2	C4	C2	SS5	SS4	C4	C2	S5	S4	S2	C4	C2
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	Learn more	Learn more
Article Code	99.721	99.706	99.761	99.741	99.731	99.721 TURBO	99.706 TURBO	99.741 TURBO	99.731 TURBO	99.917	99.916	99.915	99.919	99.918
Throat width (mm)	240					240				260				
Shred size (mm)	5,8	3,8	1,9	3,5 x 30	1,9 x 15	5,8	3,8	3,5 x 30	1,9 x 15	5,8	3,8	1,9	3,5 x 30	1,9 x 15
Sheet capacity* (A4 70g)	27-29	24-26	13-15	13-15	10-12	50-52	28-30	24-26	17-19	29-31	26-28	14-16	15-17	10-12
Sheet capacity* (A4 80g)	22-24	20-22	11-13	12-14	9-11	40-44	25-26	19-21	14-16	25-27	22-24	12-14	13-15	9-11
Waste bin/bag • Volume (l)	35					35				80				

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

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

Main Features

Automatic Oiling System	Oil free	Oil free	Oil free
Energy Smart System			
24H Continuous Duty Motor Thermal Protection			
Heavy duty chain drive with steel gears			
Automatic Start & Stop Electronic eyes (E) • Sensor (S)	(E)	(E)	(E)
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)	0,09	0,07	0,09	0,035	0,09	0,028	0,028	0,1	0,06	0,1	0,07	0,1
Noise level (dB)	54/55	58/61		54/55	58/61			55		58/61		
Voltage (V) 50/60Hz	230			230				230				
Power (Watt)	460			460				500				

Dimensions and Weight

Width x Depth x Height (cm)	37 x 33 x 56			37 x 33 x 56				40 x 36 x 104				
Weight (Kg)	15	17		15	17			29	31	32		

*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

Straight-cut models S2, S4, S5, S6, S7	Cross-cut models C2, C4	Legenda ISO/IEC 21964 (DIN 66399)	P - Paper O - CD/DVD	T - Floppy disk T - Credit card	E - Smart card F - Film
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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 260				
S5	S4	S2	C4	C2
Learn more	Learn more	Learn more	Learn more	Learn more
99.516	99.511	99.501	99.531	99.521
260				
5,8	3,8	1,9	3,5 x 30	1,9 x 15
29-31	26-28	14-16	15-17	10-12
25-27	22-24	12-14	13-15	9-11
85				

Kobra 300.1			
S5	S4	C4	C2
Learn more	Learn more	Learn more	Learn more
99.923	99.922	99.925	99.924
310			
5,8	3,8	3,9 x 40	1,9 x 15
30-32	27-29	20-22	13-15
24-26	22-24	18-20	12-13
110			

Kobra 300.2			
S5	S4	C4	C2
Learn more	Learn more	Learn more	Learn more
99.929	99.928	99.931	99.930
310			
5,8	3,8	3,9 x 40	1,9 x 15
37-40	31-33	25-27	16-18
33-35	27-29	23-25	14-15
150			

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

Paper
Credit card
Smart card
Micro-film
CD/DVD/BluRay
Floppy disk

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

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

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

Main Features

Automatic Oiling System
Energy Smart System
24H Continuous Duty Motor Thermal Protection
Heavy duty chain drive with steel gears
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

Oil free	option

Oil free	

Oil free	

Technical Data

Speed** (m/s)
Noise level (dB)
Voltage (V) 50/60Hz
Power (Watt)

0,1	0,06	0,1	0,07	0,1
54/55		58/61		
230				
460				

0,07	0,06	0,07	0,06
55		58/61	
230			
600			

0,09	0,07
60	58/61
230	
900	

Dimensions and Weight

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

43 x 31 x 83	
26	30

53 x 43 x 92		
38	40	41

53 x 43 x 111		
44	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



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 300			
SS5	SS4	CC4	CC2
Learn more	Learn more	Learn more	Learn more
99.652	99.650	99.656	99.654
300			
5,8	3,8	3,5 x 30	1,9 x 15
42-46	32-34	22-24	16-18
37-39	28-30	20-22	14-15
85			

Kobra 390	
S5	C4
Learn more	Learn more
99.641	99.631
400	
5,8	3,9 x 40
45-47	31-33
43-45	29-30
200	

Kobra 400		
S5	C4	C2
Learn more	Learn more	Learn more
99.601	99.591	99.596
400		
5,8	3,9 x 40	1,9 x 15
60-62	44-48	29-31
52-54	40-42	25-27
200		

Kobra 400
WB
Learn more
99.620
400
3,9 x 40
44-48
40-42
200

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

Paper
Credit card
Smart card
Micro-film
CD/DVD/BluRay
Floppy disk
Memory stick

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

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

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

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

Main Features

Automatic Oiling System
Energy Smart System
24H Continuous Duty Motor Motor Thermal Protection
Heavy duty chain drive with steel gears
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
Option

Oil free option
2 x
(E)
top shelf

Oil free option
2 x
(E)
top shelf

Oil free option
(E)
top shelf top shelf metal detector

(E)

Technical Data

Speed** (m/s)
Noise level (dB)
Voltage (V) 50/60Hz
Power (Watt)

0,09	0,07	0,1
59/60	58/61	
230		
920 (2 motors x 460 each)		

0,09	
58	58/61
230	
1.500 (2 motors x 750 each)	

0,12	
58	58/61
230	
2.100	

0,12
65
230
2.100

Dimensions and Weight

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

43 x 31 x 83	
33	34

60 x 48 x 93	
73	77

60 x 48 x 93		
95	95	101

60 x 48 x 163
132

*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



HIGH SECURITY	Kobra 240.1		Kobra 240		Kobra 260.1		Kobra 260		Kobra 300.1		Kobra 300.2	
	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	99.913	99.914	99.751	99.756	99.920	99.921	99.541	99.546	99.926	99.927	99.932	99.933
Throat width (mm)	240		240		260		260		310		310	
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	6-8	4-5	6-8	4-5	8-10	4-5	9-11	5-6
Sheet capacity* (A4 80g)	5-6	3-4	5-6	3-4	5-6	3-4	5-6	3-4	7-8	3-4	8-9	5
Waste bin/bag • Volume (l)	40		35		80		85		110		150	

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

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												
Micro-film	F-3		F-3		F-3		F-3		F-3		F-3	
CD/DVD/BluRay												
Floppy disk												
Memory stick												

Main Features

Automatic Oiling System							option					
Energy Smart® System												
24H Continuous Duty Motor Motor Thermal Protection												
Heavy duty chain drive with steel gears												
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												
Option							top shelf					

Technical Data

Speed** (m/s)	0,07	0,07	0,07	0,07	0,07	0,08	0,07
Noise level (dB)	58/61	58/61	58/61	58/61	58/61	58/61	60
Voltage (V) 50/60Hz	230	230	230	230	230	230	230
Power (Watt)	500	460	500	460	600	900	

Dimensions and Weight

Width x Depth x Height (cm)	40 x 36 x 64	37 x 33 x 56	40 x 36 x 104	43 x 31 x 83	53 x 43 x 92	53 x 43 x 111
Weight (Kg)	28	19	35	33	44	49

*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

High Security models
HS, HS-6

KOBRA® and ENERGY SMART®
are registered trademarks

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



ENERGY SMART System
for power saving stand-by mode



HIGH SECURITY

Click the link to visit the website product page

Article Code	99.113	99.116
Throat width (mm)	260	
Shred size (mm)	0,8 x 9,5	0,8 x 5
Sheet capacity* (A4 70g)	11-13	5-6
Sheet capacity* (A4 80g)	10-11	5
Waste bin/bag • Volume (l)	85	

Kobra 260 HS2

	HS2	HS2-6
Learn more	Learn more	Learn more
Article Code	99.113	99.116
Throat width (mm)	260	
Shred size (mm)	0,8 x 9,5	0,8 x 5
Sheet capacity* (A4 70g)	11-13	5-6
Sheet capacity* (A4 80g)	10-11	5
Waste bin/bag • Volume (l)	85	

Kobra 300

	HS	HS-6
Learn more	Learn more	Learn more
Article Code	99.658	99.660
Throat width (mm)	300	
Shred size (mm)	0,8 x 9,5	0,8 x 5
Sheet capacity* (A4 70g)	10-12	5-6
Sheet capacity* (A4 80g)	9-11	5
Waste bin/bag • Volume (l)	85	

Kobra 400 Auto-Oiler

	HS	HS-6
Learn more	Learn more	Learn more
Article Code	99.587	99.589
Throat width (mm)	400	
Shred size (mm)	0,8 x 9,5	0,8 x 5
Sheet capacity* (A4 70g)	17-19	8-10
Sheet capacity* (A4 80g)	13-15	8-9
Waste bin/bag • Volume (l)	200	

Kobra HS-8

	MULTI
Learn more	Learn more
Article Code	99.604
Throat width (mm)	240 Paper + 130 CD/DVD
Shred size (mm)	0,8 x 5 Paper 0,8 x 1-1,5 CD/DVD
Sheet capacity* (A4 70g)	8-10
Sheet capacity* (A4 80g)	8-9
Waste bin/bag • Volume (l)	90 + 65

Kobra 400 COMBI

	HS	HS-6
Learn more	Learn more	Learn more
Article Code	99.602	99.603
Throat width (mm)	240 Paper + 130 CD/DVD	
Shred size (mm)	0,8 x 9,5 Paper 1,5 x 2 CD/DVD	0,8 x 5 Paper 1,5 x 2 CD/DVD
Sheet capacity* (A4 70g)	17-19	8-10
Sheet capacity* (A4 80g)	13-15	8-9
Waste bin/bag • Volume (l)	110 + 80	

Kobra 400 OM HS

	OM HS
Learn more	Learn more
Article Code	99.585
Throat width (mm)	130
Shred size (mm)	1,5 x 2 CD/DVD
Sheet capacity* (A4 70g)	8-10
Sheet capacity* (A4 80g)	8-9
Waste bin/bag • Volume (l)	80

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

Paper	P-6	P-7
Credit card	T-6	
Smart card		
Micro-film	F-3	
CD/DVD/BluRay		
Floppy disk		
Memory stick		

Paper	P-6	P-7
Credit card	T-6	
Smart card		
Micro-film	F-3	
CD/DVD/BluRay		
Floppy disk		
Memory stick		

Paper	P-6	P-7
Credit card	T-6	
Smart card		
Micro-film	F-3	
CD/DVD/BluRay		
Floppy disk		
Memory stick		

Paper	P-6	P-7
Credit card	T-6	
Smart card	E-5	
Micro-film	F-3	
CD/DVD/BluRay	O-5	
Floppy disk		
Memory stick		

Paper	P-7	P-6	P-7
Credit card	T-7	T-6	T-6
Smart card	E-5	E-5	E-5
Micro-film		F-3	
CD/DVD/BluRay	exceeds O-6	O-6	O-6
Floppy disk		T-6	T-6
Memory stick			

Paper	P-7	P-6	P-7
Credit card	T-7	T-6	T-6
Smart card	E-5	E-5	E-5
Micro-film		F-3	
CD/DVD/BluRay	exceeds O-6	O-6	O-6
Floppy disk		T-6	T-6
Memory stick			

Paper	P-7	P-6	P-7
Credit card	T-7	T-6	T-6
Smart card	E-5	E-5	E-5
Micro-film		F-3	
CD/DVD/BluRay	exceeds O-6	O-6	O-6
Floppy disk		T-6	T-6
Memory stick			

Main Features

Automatic Oiling System	Option
Energy Smart System	
24H Continuous Duty Motor Motor Thermal Protection	
Heavy duty chain drive with steel gears	
Automatic Start & Stop Electronic eyes (E) • Sensor (S)	(E)
Safety Stop with light signal for open door/bin out	
Safety Stop with light signal for bag or bin full	
Automatic Reverse System	
Option	shelf manopola per distruz. manuale

Automatic Oiling System	Option
Energy Smart System	
24H Continuous Duty Motor Motor Thermal Protection	
Heavy duty chain drive with steel gears	2 x
Automatic Start & Stop Electronic eyes (E) • Sensor (S)	(E)
Safety Stop with light signal for open door/bin out	
Safety Stop with light signal for bag or bin full	
Automatic Reverse System	
Option	shelf

Automatic Oiling System	Option
Energy Smart System	
24H Continuous Duty Motor Motor Thermal Protection	
Heavy duty chain drive with steel gears	
Automatic Start & Stop Electronic eyes (E) • Sensor (S)	(E)
Safety Stop with light signal for open door/bin out	
Safety Stop with light signal for bag or bin full	
Automatic Reverse System	
Option	shelf metal detection system

Automatic Oiling System	
Energy Smart System	
24H Continuous Duty Motor Motor Thermal Protection	
Heavy duty chain drive with steel gears	
Automatic Start & Stop Electronic eyes (E) • Sensor (S)	(E)
Safety Stop with light signal for open door/bin out	
Safety Stop with light signal for bag or bin full	
Automatic Reverse System	
Option	shelf metal detection system

Automatic Oiling System	
Energy Smart System	
24H Continuous Duty Motor Motor Thermal Protection	
Heavy duty chain drive with steel gears	
Automatic Start & Stop Electronic eyes (E) • Sensor (S)	(E)
Safety Stop with light signal for open door/bin out	
Safety Stop with light signal for bag or bin full	
Automatic Reverse System	
Option	metal detection system

Automatic Oiling System	
Energy Smart System	
24H Continuous Duty Motor Motor Thermal Protection	
Heavy duty chain drive with steel gears	
Automatic Start & Stop Electronic eyes (E) • Sensor (S)	(E)
Safety Stop with light signal for open door/bin out	
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Automatic Reverse System	
Option	metal detection system

Automatic Oiling System	
Energy Smart System	
24H Continuous Duty Motor Motor Thermal Protection	
Heavy duty chain drive with steel gears	
Automatic Start & Stop Electronic eyes (E) • Sensor (S)	(E)
Safety Stop with light signal for open door/bin out	
Safety Stop with light signal for bag or bin full	
Automatic Reverse System	
Option	metal detection system

Technical Data

Speed** (m/s)	0,1
Noise level (dB)	58/61
Voltage (V) 50/60Hz	230
Power (Watt)	700 (2 motors x 350 each)

Speed** (m/s)	0,08
Noise level (dB)	58/61
Voltage (V) 50/60Hz	230
Power (Watt)	920 (2 motors x 460 each)

Speed** (m/s)	0,12
Noise level (dB)	58/61
Voltage (V) 50/60Hz	230
Power (Watt)	2.100

Speed** (m/s)	0,15
Noise level (dB)	60
Voltage (V) 50/60Hz	230
Power (Watt)	2.200

Speed** (m/s)	0,15
Noise level (dB)	58/61
Voltage (V) 50/60Hz	230
Power (Watt)	2.100

Speed** (m/s)	0,15
Noise level (dB)	58/61
Voltage (V) 50/60Hz	230
Power (Watt)	2.100

Speed** (m/s)	0,15
Noise level (dB)	58/61
Voltage (V) 50/60Hz	230
Power (Watt)	2.100

Dimensions and Weight

Width x Depth x Height (cm)	50 x 38 x 85
Weight (Kg)	51

Width x Depth x Height (cm)	43 x 31 x 83
Weight (Kg)	38

Width x Depth x Height (cm)	60 x 48 x 93
Weight (Kg)	112

Width x Depth x Height (cm)	60 x 48 x 93
Weight (Kg)	140

Width x Depth x Height (cm)	60 x 48 x 93
Weight (Kg)	112

Width x Depth x Height (cm)	60 x 48 x 93
Weight (Kg)	101

Width x Depth x Height (cm)	60 x 48 x 93
Weight (Kg)	101

*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

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