

TECHNICAL DATA 2021

KOBRA®

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



Super Potential Power System: sturdy steel gears and metal chain drive system which offer reliability and resistance to wear.



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



24 hour continuous duty motor: continuous shredding 24 hours a day without overheating and duty cycles.



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).



Automatic reverse system 100% jam proof: comes on when too much material is inserted into the shredder to prevent jamming.



Throw and shred system: automatic feeding system for shredding crumpled paper (Kobra+3 CC4 and Kobra 400 WB series).



Metal detection system - Shred guard: stops the machine when large metal objects, which could cause a damage to the cutting knives, are accidentally inserted.



Exclusive oil-free system: no need of lubrication and maintenance of cutting blades (Kobra AF.1 C4 and AF+1).



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.



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



Environmentally friendly **Hybrid Power Management System:** **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
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 l	60 l
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	60

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
135	

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

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

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

Oil free	
Electronic Combination Lock	

Oil free
Electronic Combination Lock

Technical Data

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

13 sheets/min
52/55
230
250

26-37 sheets/min
56/58
230
600

37 sheets/min
58
230
1000

Dimensions and Weight

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

39 x 36 x 64	39 x 36 x 83
24	28

53 x 43 x 98	
46	46

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

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



ENERGY SMART® System
for power saving stand-by mode



MODELS	Kobra	Kobra		Kobra +1				Kobra +2			Kobra +3
	C1	Hybrid	Hybrid-S	SS7	SS6	SS4	CC4	SS7	SS4	CC2	CC4
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
Article Code	99.320	99.941	99.942	99.104	99.102	99.103	99.105	99.111	99.108	99.112	99.110
Throat width (mm)	230	230		230				230			
Shred size (mm)	3,5 x 40	3,5 x 40		7,5	5,8	3,8	3,5 x 40	7,5	3,8	1,9 x 13	3,5 x 40
Sheet capacity* (A4 70g)	8-9	8-9	12-14	25-27	23-25	17-19	12-14	25-27	17-19	7-8	12-14
Sheet capacity* (A4 80g)	7-8	7-8	10-12	22-24	20-22	15-17	10-12	22-24	15-17	5-7	10-12
Waste bin/bag · Volume (l)	18	30		38,5				38,5 + 1,5			

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

Paper	P-4	P-4	P-4	P-1	P-2	P-2	P-4	P-1	P-2	P-5	P-4
Credit card	T-4	T-4	T-4	T-2	T-2	T-2	T-4	T-2	T-2	T-5	T-4
Smart card	E-3	E-3	E-3	E-2	E-2	E-2	E-3	E-2	E-2	E-4	E-3
Micro-film, Foil	F-1	F-1	F-1				F-1			F-2	F-1
CD/DVD/BluRay				0-1	0-2	0-2		0-1	0-2	0-1	0-1
Floppy disk											

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											

Technical Data

Speed** (m/s)	0,035	0,035		0,025		0,035	0,025	0,035	0,035
Noise level (dB)	52/55	53	55	54/55				54/55	53/55
Voltage (V) 50/60Hz	230	230	230	230				230	230
Power (Watt)	170	170	250	250				250	250

Dimensions and Weight

Width x Depth x Height (cm)	34 x 20 x 50	37 x 26 x 50		39 x 30 x 59				39 x 30 x 59			
Weight (Kg)	8	8	8	11		12	12	14	13		

*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



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)
Waste bin/bag · Volume (l)

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				
SS5	SS4	SS2	C4	C2
Learn more	Learn more	Learn more	Learn more	Learn more
99.721	99.706	99.761	99.741	99.731
240				
5,8	3,8	1,9	3,5 x 30	1,9 x 15
27-29	24-26	13-15	13-15	10-12
22-24	20-22	11-13	12-14	9-11
35				

Kobra 240 Turbo			
SS5	SS4	C4	C2
Learn more	Learn more	Learn more	Learn more
99.721 TURBO	99.706 TURBO	99.741 TURBO	99.731 TURBO
240			
5,8	3,8	3,5 x 30	1,9 x 15
50-52	28-30	24-26	17-19
40-44	25-26	19-21	14-16
35			

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

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

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-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	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	

Technical Data

Speed** (m/s)	0,09	0,07	0,09
Noise level (dB)	55	58/61	
Voltage (V) 50/60Hz	230		
Power (Watt)	500		

0,09	0,07	0,09
54/55	58/61	
230		
460		

0,035	0,09	0,028	0,028
54/55	58/61		
230			
460			

0,035	0,09	0,028	0,028
54/55	58/61		
230			
460			

Dimensions and Weight

Width x Depth x Height (cm)	40 x 36 x 64			
Weight (Kg)	23	24	25	

37 x 33 x 56				
15	17			

37 x 33 x 56				
15	17			

37 x 33 x 56				
15	17			

*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



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)
Waste bin/bag · Volume (l)

Kobra 260.1				
S5	S4	S2	C4	C2
Learn more	Learn more	Learn more	Learn more	Learn more
99.917	99.916	99.915	99.919	99.918
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
60				

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				

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

Paper
Credit card
Smart card
Micro-film, Foil
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	O-3		
T-2	T-2			

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			

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

				option

Technical Data

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

0,1	0,06	0,1	0,07	0,1
55		58/61		
230				
500				

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

Dimensions and Weight

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

40 x 36 x 84				
27		28		29

43 x 31 x 83				
26				30

*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



MODELS	Kobra 300.1				Kobra 300.2				Kobra 300			
	S5	S4	C4	C2	S5	S4	C4	C2	SS5	SS4	CC4	CC2
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	99.923	99.922	99.925	99.924	99.929	99.928	99.931	99.930	99.652	99.650	99.656	99.654
Throat width (mm)	310				310				300			
Shred size (mm)	5,8	3,8	3,9 x 40	1,9 x 15	5,8	3,8	3,9 x 40	1,9 x 15	5,8	3,8	3,5 x 30	1,9 x 15
Sheet capacity* (A4 70g)	30-32	27-29	20-22	12-14	37-40	31-33	25-27	16-18	42-46	32-34	22-24	16-18
Sheet capacity* (A4 80g)	24-26	22-24	18-20	10-12	33-35	27-29	23-25	14-15	37-39	28-30	20-22	14-15
Waste bin/bag · Volume (l)	110				135				85			

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

	Kobra 300.1				Kobra 300.2				Kobra 300			
Paper	P-2	P-2	P-4	P-5	P-2	P-2	P-4	P-5	P-2	P-2	P-4	P-5
Credit card	T-2	T-2	T-4	T-5	T-2	T-2	T-4	T-5	T-2	T-2	T-4	T-5
Smart card	E-2	E-2	E-3	E-4	E-2	E-2	E-3	E-4	E-2	E-2	E-3	E-4
Micro-film, Foil			F-1	F-2			F-1	F-2			F-1	F-2
CD/DVD/BluRay	O-2	O-2	O-3		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												option
ENERGY SMART® System												
24H Continuous Duty Motor Thermal Protection												
Heavy duty chain drive with steel gears										2 x		
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	0,06	0,07	0,06	0,09	0,07	0,09	0,07	0,1			
Noise level (dB)	55		58/61		60	58/61	59/60		58/61			
Voltage (V) 50/60Hz	230				230				230			
Power (Watt)	600				900				920 (2 motors x 460 each)			

Dimensions and Weight

Width x Depth x Height (cm)	53 x 43 x 92				53 x 43 x 100				43 x 31 x 83			
Weight (Kg)	38	40	41		43	44	45		33	34		

*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



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)
Waste bin/bag · Volume (l)

Kobra 385		
SS4	C4	C2
Learn more	Learn more	Learn more
99.561	99.581	99.571
385		
3,8	3,5 x 30	1,9 x 15
27-29	24-26	14-15
25-27	22-24	13-14
🗑️ 130		

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

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

	Kobra 385			Kobra 390		Kobra 400			Kobra 400 WB
Paper	P-2	P-4	P-5	P-2	P-4	P-2	P-4	P-5	P-4
Credit card	T-2	T-4	T-5	T-2	T-4	T-2	T-4	T-5	T-4
Smart card	E-2	E-3	E-4	E-2	E-3	E-2	E-3	E-4	E-3
Micro-film, Foil		F-1	F-2		F-1		F-1	F-2	F-1
CD/DVD/BluRay	O-2			O-2	O-3	O-2	O-3	O-4	O-3
Floppy disk				T-2	T-4	T-2	T-4	T-5	T-4
Memory stick						E-2	E-3	E-4	E-3

Main Features

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)			⚠️ (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	🔄			🔄					🔄
Option				📦 top shelf					📦 top shelf

Technical Data

Speed** (m/s)	0,07			0,09		0,12			0,12
Noise level (dB)	54/55	58/61		58	58/61	58	58/61		65
Voltage (V) 50/60Hz	230			230		230			230
Power (Watt)	920 (2 motors x 460 each)			1.500 (2 motors x 750 each)		2.100			2.100
Width x Depth x Height (cm)	58 x 35 x 85			60 x 48 x 93		60 x 48 x 93			60 x 48 x 163
Weight (Kg)	33	40		73	77	95	95	101	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 MODELS	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	4-5
Waste bin/bag · Volume (l)	40		35		60		85		110		135	

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

	NSA EPL Listed		NSA EPL Listed		NSA EPL Listed		NSA EPL Listed		NSA EPL Listed		NSA EPL Listed	
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, Foil	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	0,07	0,07	0,07	0,07	0,08	0,07	0,07
Noise Level (dB)	58/61	58/61	58/61	58/61	58/61	58/61	58/61	58/61	58/61	58/61	58/61	58/61
Voltage (V) 50/60Hz	230	230	230	230	230	230	230	230	230	230	230	230
Power (Watt)	500	460	500	460	500	460	500	460	600	600	900	900

Dimensions and Weight

Width x Depth x Height (cm)	40 x 36 x 64	37 x 33 x 56	40 x 36 x 84	43 x 31 x 83	40 x 36 x 84	43 x 31 x 83	53 x 43 x 92	53 x 43 x 100	53 x 43 x 92	53 x 43 x 100	53 x 43 x 92	53 x 43 x 100
Weight (Kg)	28	19	32	33	32	33	44	48	44	48	44	48

*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

CLASSIC LINE

KOBRA®

 **ENERGY SMART® System**
for power saving stand-by mode

HIGH SECURITY SHREDDERS

P-6/P-7 SECURITY LEVELS




OPTICAL MEDIA HS SHREDDERS

P-6/P-7 SECURITY LEVELS




High Security MODELS


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

HS	HS-6
Learn more	Learn more
99.113	99.116
260	
0,8 x 9,5	0,8 x 5
11-13	5-6
10-11	5
 85	



Kobra 300

HS	HS-6
Learn more	Learn more
99.658	99.660
300	
0,8 x 9,5	0,8 x 5
10-12	5-6
9-11	5
 85	

Kobra 400 Auto-Oiler


HS	HS-6
Learn more	Learn more
99.587	99.589
400	
0,8 x 9,5	0,8 x 5
17-19	8-10
13-15	8-9
 200	


Kobra 400 OM Kobra 400 COMBI


HS	HS	HS-6
Learn more	Learn more	Learn more
99.585	99.602	99.603
130	240 Paper + 130 CD/DVD	
1,5 x 2	0,8 x 9,5	0,8 x 5
	17-19	8-10
	13-15	8-9
 80	 110 + 80	



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

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










	
P-6	P-7
T-6	
F-3	










	
P-6	P-7
T-6	
F-3	

	
P-6	P-7
T-6	
F-3	




			
	P-6		P-7
	T-6		T-6
	E-5		E-5
			F-3
	O-6		O-6
	T-6		T-6

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

 Option


2 x 




 top shelf




 shelf  metal detection system

	
	
	
	
	
	
	
	
 metal detection system	 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)

0,1
58/61
230
700 (2 motors x 350 each)

0,08
58/61
230
920 (2 motors x 460 each)

0,12
58/61
230
2.100

0,15	0,15
58/61	58/61
230	230
2.100	2.100

Dimensions and Weight

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

50 x 38 x 85
51

43 x 31 x 83
38

60 x 48 x 93
112

60 x 48 x 93	60 x 48 x 93
103	108

*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

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-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	



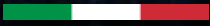
E	Data on electronic data carriers: Memory Sticks, Chip cards, Semiconductor Hard Drives, mobile communication media, etc.		
	E-1 Mechanically/ Electronically inoperable	E-3 Cross Cut < 160 mm ²	E-6 Cross Cut < 1 mm ²
	E-2 Split	E-4 Cross Cut < 30 mm ²	E-7 Cross Cut < 0,5 mm ²
		E-5 Cross Cut < 10 mm 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	



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



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ISO 9001 REGISTERED QUALITY COMPANY
Cert.No.9105.EL16

Technical data as of 01/2021. Specifications in this publication may be subject to change without notice.

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