KOBRA®

TECHNICAL DATA **2019**

# Classic Line Shredders at a glance






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MADE IN ITALY

KOBRA®
*Advancing Technology*

# CLASSIC LINE
## Quality and Professional

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



### CHAIN DRIVE
**SUPER POWER POTENTIAL SYSTEM**
Sturdy steel gears and metal chain drive system which offer reliability and resistance to wear

### 24 HOUR CONTINUOUS DUTY
Continuous shredding 24 hours a day without overheatings and duty cycles

### TURBO BOOST SYSTEM
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 & SHRED SYSTEM
Automatic feeding system for shredding crumpled paper (Kobra+3 CC4 and Kobra 400 WB series)

### OIL-FREE
Exclusive Oil-Free system. No need of lubrication and maintenance of cutting blades (Kobra AF.1 C4 and AF+1)

### ENERGY SMART®
Stand-by power saving mode after 8 seconds of no use.

### 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.

### AUTOFEEDER
Exclusive high speed automatic auto-feeder system for the shredding of large volumes of documents

### AUTOMATIC REVERSE SYSTEM
Comes on when too much material is inserted into the shredder to prevent jamming

### AUTOMATIC OILER
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

### METAL DETECTION SYSTEM
Stops the machine when large metal objects, which could cause a damage to the cutting knives, are accidentally inserted

### CYCLONE SYSTEM KOBRA CYCLONE
Blades rotating at a very high speed, combined with the power of a turbine providing the unit with an air flow, 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 COMPACTOR C-500
Special Cyclone optional compresses and reduces the volume of the shredded paper by 4 to 5 times to minimize the space required for disposal.



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

## AUTOFEED SHREDDERS
P-4/P-5 SECURITY LEVELS



## PERSONAL AND DESKSIDE SHREDDERS
P-4 SECURITY LEVEL



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| CLASSIC LINE | Kobra AF+1 | | | | Kobra AF.1 | | | | Kobra C1 | Kobra Hybrid | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **MODEL** | **40 l** | | **60 l** | | **C2** | | **C4** | | **C1** | **Hybrid** | **Hybrid-S** |
| Throat width (mm) | 240 | | | | 260 | | | | 230 | 230 | |
| Shred size (mm) | 3,5x40 | | | | 1,9x15 | | 3,9x40 | | 3,5x40 | 3,5x40 | |
| Sheet capacity* (A4/70g) | 10/12 | 350 | 10/12 | 350 | 7/8 | 350 | 10/12 | 350 | 8/9 | 8/9 | 12/14 |
| Sheet capacity* (A4/80g) | 9/11 | 300 | 9/11 | 300 | 6/7 | 300 | 9/11 | 300 | 7/8 | 7/8 | 10/12 |
| Security Level ISO/IEC 21964 (DIN 66399) | P-4 | | | | P-5 | | P-4 | | P-4 | P-4 | P-4 |
| **Shreddable Material** | | | | | | | | | | | |
| Credit card | T-4 | | | | T-5 | | T-4 | | T-4 | T-4 | T-4 |
| Smart card | E-3 | | | | E-4 | | E-3 | | E-3 | E-3 | E-3 |
| CD/DVD/BluRay disk | | | | | | | | | | | |
| Micro-film | F-1 | | | | F-2 | | F-1 | | F-1 | F-1 | F-1 |
| Floppy disk | | | | | | | | | | | |
| Memory stick | | | | | | | | | | | |
| **Main Features** | | | | | | | | | | | |
| Waste bin/bag volume (L) / Waste bag | 40 | | 60 | | 135 | | | | 18 | 30 | |
| Speed** (m/s) | 13 sheets/min | | | | 26-37 sheets/min | | | | 0,035 | 0,035 | |
| Noise level (dba) | 55 | | | | 58 | | | | 53 | 53 | 55 |
| Voltage (V50/60Hz) | 230 | | | | 230 | | | | 230 | 230 | 230 |
| Power (Watt) | 250 | | | | 600 | | | | 170 | 170 | 250 |
| Weight (Kg) | 24 | | 28 | | 48 | | 46 | | 7 | 8 | 9 |
| **Technological Equipments** | | | | | | | | | | | |
| Automatic Oiling System | Oil free | | | | | | Oil free | | | | |
| ENERGY SMART® Management System | ✓ | | | | ✓ | | | | ✓ | Hybrid | |
| 24H Continuous Duty Motor / Motor Thermal Protection | ✓ | | | | ✓ | | | | ✓ | ✓ | |
| Super Potential Power Unit | | | | | ✓ | | | | | | |
| Automatic Start & Stop Electronic eyes (E) · Sensor (S) | (E) | | | | (E) | | | | (S) | (S) | |
| Safety Stop with light signal for open door/bin out | ✓ | | | | ✓ | | | | ✓ | ✓ | |
| Safety Stop with light signal for bag or bin full | ✓ | | | | ✓ | | | | | | |
| Automatic Reverse System | ✓ | | | | ✓ | | | | | | |
| **Dimensions** | | | | | | | | | | | |
| Width (cm) | 39 | | 39 | | 53 | | | | 34 | 37 | |
| Depth (cm) | 36 | | 36 | | 43 | | | | 20 | 26 | |
| Height (cm) | 64 | | 83 | | 98 | | | | 50 | 50 | |

*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)**

| | | | |
|---|---|---|---|
| Paper | P | Smart card | E |
| CD / DVD | O | USB | E |
| Floppy disk | T | Film | F |
| Credit card | T | | |

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

# Personal and Deskside Shredders
## P-1/P-2/P-4 security level





# Small/Medium Office Shredders
## P-2/P-3/P-4/P-5 security levels

TURBO BOOST SYSTEM +30% EXTRA SHREDDING CAPACITY







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| CLASSIC LINE | Kobra +1 | | | | Kobra +2 | | | Kobra +3 |
|---|---|---|---|---|---|---|---|---|
| **MODEL** | **SS4** | **SS6** | **SS7** | **CC4** | **SS4** | **SS7** | **CC2** | **CC4** |
| Throat width (mm) | 230 | | | | 230 | | | 230 |
| Shred size (mm) | 3,8 | 5,8 | 7,5 | 3,5x40 | 3,8 | 7,5 | 1,9x13 | 3,5x40 |
| Sheet capacity* (A4/70g) | 17/19 | 23/25 | 25/27 | 12/14 | 17/19 | 25/27 | 7/8 | 12/14 |
| Sheet capacity* (A4/80g) | 15/17 | 20/22 | 22/24 | 10/12 | 15/17 | 22/24 | 5/7 | 10/12 |
| Security Level ISO/IEC 21964 (DIN 66399) | P-2 | P-2 | P-1 | P-4 | P-2 | P-1 | P-5 | P-4 |
| **Shreddable Material** | | | | | | | | |
| Credit card | T-2 | T-2 | T-2 | T-4 | T-2 | T-2 | T-5 | T-4 |
| Smart card | E-2 | E-2 | E-2 | E-3 | E-2 | E-2 | E-4 | E-3 |
| CD/DVD/BluRay disk | O-2 | O-2 | O-1 | | O-2 | O-1 | O-1 | O-1 |
| Micro-film | | | | F-1 | | | F-2 | F-1 |
| Floppy disk | | | | | | | | |
| Memory stick | | | | | | | | |
| **Main Features** | | | | | | | | |
| Waste bin/bag volume (L) / Waste bag | 38,5 | | | | 38,5+1,5 | | | 38,5+1,5 |
| Speed** (m/s) | 0,025 | 0,035 | | | 0,025 | 0,035 | | 0,035 |
| Noise level (dba) | 55 | | | | 55 | | | 55 |
| Voltage (V50/60Hz) | 230 | | | | 230 | | | 230 |
| Power (Watt) | 250 | | | | 250 | | | 250 |
| Weight (Kg) | 12 | | | | 12 | 14 | | 13 |
| **Technological Equipments** | | | | | | | | |
| Automatic Oiling System | | | | | | | | |
| ENERGY SMART® Management System | ✓ | | | | ✓ | | | ✓ |
| 24H Continuous Duty Motor / Motor Thermal Protection | ✓ | | | | ✓ | | | ✓ |
| Super Potential Power Unit | | | | | | | | |
| 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 | ✓ | | | | ✓ | | | ✓ |
| **Dimensions** | | | | | | | | |
| Width (cm) | 39 | | | | 39 | | | 39 |
| Depth (cm) | 30 | | | | 30 | | | 30 |
| Height (cm) | 59 | | | | 59 | | | 59 |

| | Kobra 240.1 | | | | | Kobra 240 | | | | | Kobra 240 Turbo | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **S2** | **S4** | **S5** | **C2** | **C4** | **SS2** | **SS4** | **SS5** | **C2** | **C4** | **SS4 T** | **SS5 T** | **C2 T** | **C4 T** |
| Throat width (mm) | 240 | | | | | 240 | | | | | 240 | | | |
| Shred size (mm) | 1,9 | 3,8 | 5,8 | 1,9x15 | 3,5x30 | 1,9 | 3,8 | 5,8 | 1,9x15 | 3,5x30 | 3,8 | 5,8 | 1,9x15 | 3,5x30 |
| Sheet capacity* (A4/70g) | 13/15 | 24/26 | 29/31 | 10/12 | 15/17 | 13/15 | 24/26 | 27/29 | 10/12 | 13/15 | 28/30 | 50/52 | 17/19 | 24/26 |
| Sheet capacity* (A4/80g) | 11/13 | 20/22 | 25/27 | 9/11 | 13/15 | 11/13 | 20/22 | 22/24 | 9/11 | 12/14 | 25/26 | 40/44 | 14/16 | 19/21 |
| Security Level ISO/IEC 21964 (DIN 66399) | P-3 | P-2 | P-2 | P-5 | P-4 | P-3 | P-2 | P-2 | P-5 | P-4 | P-2 | P-2 | P-5 | P-4 |
| **Shreddable Material** | | | | | | | | | | | | | | |
| Credit card | T-3 | T-2 | T-2 | T-5 | T-4 | T-3 | T-2 | T-2 | T-5 | T-4 | T-2 | T-2 | T-5 | T-4 |
| Smart card | E-2 | E-2 | E-2 | E-4 | E-3 | E-2 | E-2 | E-2 | E-4 | E-3 | E-2 | E-2 | E-4 | E-3 |
| CD/DVD/BluRay disk | | O-2 | O-2 | | O-3 | | O-2 | O-2 | | | O-2 | O-2 | | O-3 |
| Micro-film | | | | F-2 | F-1 | | | | F-2 | F-1 | | | F-2 | F-1 |
| Floppy disk | | T-2 | T-2 | | | | T-2 | T-2 | | | T-2 | T-2 | | T-4 |
| Memory stick | | | | | | | | | | | | | | |
| **Main Features** | | | | | | | | | | | | | | |
| Waste bin/bag volume (L) / Waste bag | 40 | | | | | 35 | | | | | 35 | | | |
| Speed** (m/s) | 0,09 | | 0,07 | | | 0,09 | | 0,07 | | | 0,09 | 0,035 | 0,028 | 0,028 |
| Noise level (dba) | 55 | | 61 | | | 55 | | 61 | | | 55 | | 61 | |
| Voltage (V50/60Hz) | 230 | | | | | 230 | | | | | 230 | | | |
| Power (Watt) | 500 | | | | | 460 | | | | | 460 | | | |
| Weight (Kg) | 24 | | 25 | | | 16 | | 15 | | | 12 | | 14 | |
| **Technological Equipments** | | | | | | | | | | | | | | |
| Automatic Oiling System | | | | | | | | | | | | | | |
| ENERGY SMART® Management System | ✓ | | | | | ✓ | | | | | ✓ | | | |
| 24H Continuous Duty Motor / Motor Thermal Protection | ✓ | | | | | ✓ | | | | | ✓ | | | |
| Super Potential Power Unit | ✓ | | | | | ✓ | | | | | ✓ | | | |
| 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 | ✓ | | | | | | | | | | | | | |
| **Dimensions** | | | | | | | | | | | | | | |
| Width (cm) | 40 | | | | | 37 | | | | | 37 | | | |
| Depth (cm) | 36 | | | | | 33 | | | | | 33 | | | |
| Height (cm) | 64 | | | | | 56 | | | | | 56 | | | |

*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)**

| | |
|---|---|
| Paper | **P** |
| CD / DVD | **O** |
| Floppy disk | **T** |
| Credit card | **T** |
| Smart card | **E** |
| USB | **E** |
| Film | **F** |

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are registered trademarks

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

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

# Medium Office Shredders
## P-2/P-3/P-4/P-5 SECURITY LEVELS

KOBRA®








| CLASSIC LINE | Kobra 260.1 | | | | | Kobra 260 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **MODEL** | **S2** | **S4** | **S5** | **C2** | **C4** | **S2** | **S4** | **S5** | **C2** | **C4** |
| Throat width (mm) | 260 | | | | | 260 | | | | |
| Shred size (mm) | 1,9 | 3,8 | 5,8 | 1,9x15 | 3,5x30 | 1,9 | 3,8 | 5,8 | 1,9x15 | 3,5x30 |
| Sheet capacity* (A4/70g) | 14/16 | 26/28 | 29/31 | 10/12 | 15/17 | 14/16 | 26/28 | 29/31 | 10/12 | 15/17 |
| Sheet capacity* (A4/80g) | 12/14 | 22/24 | 25/27 | 9/11 | 13/15 | 12/14 | 22/24 | 25/27 | 9/11 | 13/15 |
| Security Level ISO/IEC 21964 (DIN 66399) | P-3 | P-2 | P-2 | P-5 | P-4 | P-3 | P-2 | P-2 | P-5 | P-4 |
| **Shreddable Material** | | | | | | | | | | |
| Credit card | T-3 | T-2 | T-2 | T-5 | T-4 | T-3 | T-2 | T-2 | T-5 | T-4 |
| Smart card | E-2 | E-2 | E-2 | E-4 | E-3 | E-2 | E-2 | E-2 | E-4 | E-3 |
| CD/DVD/BluRay disk | | 0-2 | 0-2 | | 0-3 | | 0-2 | 0-2 | | |
| Micro-film | | | | F-2 | F-1 | | | | F-2 | F-1 |
| Floppy disk | | T-2 | T-2 | | | | T-2 | T-2 | | |
| Memory stick | | | | | | | | | | |
| **Main Features** | | | | | | | | | | |
| Waste bin/bag volume (L) / Waste bag | 60 | | | | | 85 | | | | |
| Speed** (m/s) | 0,1 | 0,06 | 0,1 | 0,1 | 0,07 | 0,1 | 0,06 | 0,1 | | 0,07 |
| Noise level (dba) | 55 | | | 61 | | 55 | | | 61 | |
| Voltage (V50/60Hz) | 230 | | | | | 230 | | | | |
| Power (Watt) | 500 | | | | | 460 | | | | |
| Weight (Kg) | 28 | | | 29 | | 26 | | | 30 | |
| **Technological Equipments** | | | | | | | | | | |
| Automatic Oiling System | | | | | | | | | option | |
| ENERGY SMART® Management System | ✓ | | | | | ✓ | | | | |
| 24H Continuous Duty Motor / Motor Thermal Protection | ✓ | | | | | ✓ | | | | |
| Super Potential Power Unit | ✓ | | | | | ✓ | | | | |
| Automatic Start & Stop Electronic eyes (E) · Sensor (S) | (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 | ✓ | | | | | ✓ | | | | |
| **Dimensions** | | | | | | | | | | |
| Width (cm) | 40 | | | | | 43 | | | | |
| Depth (cm) | 36 | | | | | 31 | | | | |
| Height (cm) | 84 | | | | | 83 | | | | |

| | Kobra 300.1 | | | | Kobra 300.2 | | | | Kobra 300 | | | | Kobra 385 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MODEL** | **S4** | **S5** | **C2** | **C4** | **S4** | **S5** | **C2** | **C4** | **SS4** | **SS5** | **CC2** | **CC4** | **SS4** | **C2** | **C4** |
| Throat width (mm) | 310 | | | | 310 | | | | 300 | | | | 385 | | |
| Shred size (mm) | 3,8 | 5,8 | 1,9x15 | 3,9x40 | 3,8 | 5,8 | 1,9x15 | 3,9x40 | 3,8 | 5,8 | 1,9x15 | 3,5x30 | 3,8 | 1,9x15 | 3,9x40 |
| Sheet capacity* (A4/70g) | 27/29 | 30/32 | 12/14 | 20/22 | 31/33 | 37/40 | 16/18 | 25/27 | 32/34 | 42/46 | 16/18 | 22/24 | 27/29 | 14/15 | 24/26 |
| Sheet capacity* (A4/80g) | 22/24 | 24/26 | 10/12 | 18/20 | 27/29 | 33/35 | 14/15 | 23/25 | 28/30 | 37/39 | 14/15 | 20/22 | 25/27 | 13/14 | 22/24 |
| Security Level ISO/IEC 21964 (DIN 66399) | P-2 | P-2 | P-5 | P-4 | P-2 | P-2 | P-5 | P-4 | P-2 | P-2 | P-5 | P-4 | P-2 | P-5 | P-4 |
| **Shreddable Material** | | | | | | | | | | | | | | | |
| Credit card | T-2 | T-2 | T-5 | T-4 | T-2 | T-2 | T-5 | T-4 | T-2 | T-2 | T-5 | T-4 | T-2 | T-5 | T-4 |
| Smart card | E-2 | E-2 | E-4 | E-3 | E-2 | E-2 | E-4 | E-3 | E-2 | E-2 | E-4 | E-3 | E-2 | E-4 | E-3 |
| CD/DVD/BluRay disk | 0-2 | 0-2 | | 0-3 | 0-2 | 0-2 | 0-4 | 0-3 | 0-2 | 0-2 | | 0-3 | 0-2 | | 0-3 |
| Micro-film | | | F-2 | F-1 | | | F-2 | F-1 | | | F-2 | F-1 | | F-2 | F-1 |
| Floppy disk | T-2 | T-2 | | | T-2 | T-2 | | T-4 | T-2 | T-2 | | | | | |
| Memory stick | | | | | | | | | | | | | | | |
| **Main Features** | | | | | | | | | | | | | | | |
| Waste bin/bag volume (L) / Waste bag | 110 | | | | 135 | | | | 85 | | | | 130 | | |
| Speed** (m/s) | 0,06 | 0,07 | 0,06 | 0,07 | 0,09 | | 0,07 | | 0,09 | 0,1 | 0,07 | | 0,07 | | |
| Noise level (dba) | 55 | | 61 | | 60 | | 61 | | 60 | | 61 | | 55 | 61 | |
| Voltage (V50/60Hz) | 230 | | | | 230 | | | | 230 | | | | 230 | | |
| Power (Watt) | 600 | | | | 900 | | | | 920 (2 motors x 460 each) | | | | 920 (2 motors x 460 each) | | |
| Weight (Kg) | 37 | | 38 | | 44 | | | 45 | 33 | | 34 | | 38 | 45 | |
| **Technological Equipments** | | | | | | | | | | | | | | | |
| Automatic Oiling System | | | | | | | | | | | option | | | | |
| ENERGY SMART® Management System | ✓ | | | | ✓ | | | | ✓ | | | | ✓ | | |
| 24H Continuous Duty Motor / Motor Thermal Protection | ✓ | | | | ✓ | | | | ✓ | | | | ✓ | | |
| Super Potential Power Unit | ✓ | | | | ✓ | | | | 2 x | | | | ✓ | | |
| Automatic Start & Stop Electronic eyes (E) · Sensor (S) | (E) | | | | (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 | ✓ | | | | ✓ | | | | ✓ | | | | ✓ | | |
| **Dimensions** | | | | | | | | | | | | | | | |
| Width (cm) | 53 | | | | 53 | | | | 43 | | | | 58 | | |
| Depth (cm) | 43 | | | | 43 | | | | 31 | | | | 35 | | |
| Height (cm) | 92 | | | | 100 | | | | 83 | | | | 85 | | |

*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**

Cross-cut models
**C2 | C4**

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

| | | | |
|---|---|---|---|
| Paper | **P** | Smart card | **E** |
| CD / DVD | **O** | USB | **E** |
| Floppy disk | **T** | Film | **F** |
| Credit card | **T** | | |

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

## MULTIPLE-USER, HEAVY DUTY AND CENTRALIZED SHREDDERS
P-2/P-4/P-5 SECURITY LEVELS

## COMMERCIAL DISINTEGRATOR AND INDUSTRIAL SHREDDER






| CLASSIC LINE | Kobra 390 | | Kobra 400 | | | Kobra 400 WB | Kobra SSD | Kobra CYCLONE | Kobra COMPACTOR C-500 |
|---|---|---|---|---|---|---|---|---|---|
| **MODEL** | **S5** | **C4** | **S5** | **C2** | **C4** | | | | |
| Throat width (mm) | 400 | | 400 | | | 400 | 240x25 | 325x220 | - |
| Shred size (mm) | 5,8 | 3,9x40 | 5,8 | 1,9x15 | 3,9x40 | 3,9x40 | 10 x 8-15 | See CYCLONE brochure | |
| Sheet capacity* (A4/70g) | 45/47 | 31/33 | 60/62 | 29/31 | 44/48 | 44/48 | - | 500 | - |
| Sheet capacity* (A4/80g) | 43/45 | 29/30 | 52/54 | 25/27 | 40/42 | 40/42 | - | - | - |
| Security Level ISO/IEC 21964 (DIN 66399) | P-2 | P-4 | P-2 | P-5 | P-4 | P-4 | - | See CYCLONE brochure | |
| **Shreddable Material** | | | | | | | | | |
| Credit card | T-2 | T-4 | T-2 | T-5 | T-4 | T-4 | T-1 | 45.000 x hour | |
| Smart card | E-2 | E-3 | E-2 | E-4 | E-3 | E-3 | E-2 | 7.000 x hour | |
| CD/DVD/BluRay disk | O-2 | O-3 | O-2 | O-4 | O-3 | O-3 | | 15.000 x hour | |
| Micro-film | | F-1 | | F-2 | F-1 | F-1 | | | |
| Floppy disk | T-2 | T-4 | T-2 | T-5 | T-4 | T-4 | T-1 | 7.000 x hour | |
| Memory stick | | | E-2 | E-4 | E-3 | E-3 | E-2 | | |
| **Main Features** | | | | | | | | | |
| Waste bin/bag volume (L) / Waste bag | 200 | | 200 | | | 200 | 75 | 400 | |
| Speed** (m/s) | 0,09 | | 0,12 | | | 0,12 | 0,18 | Up to 420 kg per hour (theoretical output) | |
| Noise level (dba) | 60 | 62 | 60 | 61 | 68 | 65 | variable | 75/85 | |
| Voltage (V50/60Hz) | 230 | | 230 | | | 230 | 220 | 380/400 - 3 phases + neutral | |
| Power (Watt) | 1.500 (2 motors x 750 each) | | 2.100 | | | 2.100 | 2.000 | 6.000 | 2.200 |
| Weight (Kg) | 73 | 77 | 95 | 101 | 95 | 132 | 320 | 440 | 220 |
| **Technological Equipments** | | | | | | | | | |
| Automatic Oiling System | | option | | option | | | | | |
| ENERGY SMART® Management System | ✓ | | ✓ | | | ✓ | | | |
| 24H Continuous Duty Motor / Motor Thermal Protection | ✓ | | ✓ | | | ✓ | ✓ | ✓ | |
| Super Potential Power Unit | 2 x | | ✓ | | | ✓ | | | |
| Automatic Start & Stop Electronic eyes (E) · Sensor (S) | (E) | | (E) | | | (E) | Manual Start&Stop | Manual Start Automatic Stop | Automatic 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 | ✓ | | ✓ | | | ✓ | ✓ | | |
| Top shelf (optional) | ✓ | | ✓ | | | | | | |
| **Dimensions** | | | | | | | | | |
| Width (cm) | 60 | | 60 | | | 60 | 103 | 80 | 110 |
| Depth (cm) | 48 | | 48 | | | 48 | 82 | 212 | 60 |
| Height (cm) | 93 | | 93 | | | 163 | 121 | 210 | 148 |

*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)**

| | | | |
|---|---|---|---|
| Paper | **P** | Smart card | **E** |
| CD / DVD | **O** | USB | **E** |
| Floppy disk | **T** | Film | **F** |
| Credit card | **T** | | |



## HIGH SECURITY SHREDDERS
P-6/P-7 SECURITY LEVELS






| CLASSIC LINE | Kobra 240.1 | | Kobra 240 | | Kobra 260.1 | | Kobra 260 | |
|---|---|---|---|---|---|---|---|---|
| **HIGH SECURITY MODEL** | **HS** | **HS-6** | **HS** | **HS-6** | **HS** | **HS-6** | **HS** | **HS-6** |
| Throat width (mm) | 240 | | 240 | | 260 | | 260 | |
| Shred size (mm) | 0,8x9,5 | 0,8x5 | 0,8x9,5 | 0,8x5 | 0,8x9,5 | 0,8x5 | 0,8x9,5 | 0,8x5 |
| Sheet capacity* (A4/70g) | 6/8 | 4/5 | 6/8 | 4/5 | 6/8 | 4/5 | 6/8 | 4/5 |
| Sheet capacity* (A4/80g) | 5/6 | 3/4 | 5/6 | 3/4 | 5/6 | 3/4 | 5/6 | 3/4 |
| Security Level ISO/IEC 21964 (DIN 66399) | P-6 | P-7 | P-6 | P-7 | P-6 | P-7 | P-6 | P-7 |
| **Shreddable Material** | | | | | | | | |
| Credit card | T-6 | | T-6 | | T-6 | | T-6 | |
| Smart card | | | | | | | | |
| CD/DVD/BluRay disk | | | | | | | | |
| Micro-film | F-3 | | F-3 | | F-3 | | F-3 | |
| Floppy disk | | | | | | | | |
| Memory stick | | | | | | | | |
| **Main Features** | | | | | | | | |
| Waste bin/bag volume (L) / Waste bag | 40 | | 35 | | 60 | | 85 | |
| Speed** (m/s) | 0,07 | | 0,07 | | 0,07 | | 0,07 | |
| Noise level (dba) | 61 | | 61 | | 61 | | 61 | |
| Voltage (V50/60Hz) | 230 | | 230 | | 230 | | 230 | |
| Power (Watt) | 500 | | 460 | | 500 | | 460 | |
| Weight (Kg) | 28 | | 19 | | 32 | | 33 | |
| **Technological Equipments** | | | | | | | | |
| Automatic Oiling System | | | | | | | option | |
| ENERGY SMART® Management System | ✓ | | ✓ | | ✓ | | ✓ | |
| 24H Continuous Duty Motor / Motor Thermal Protection | ✓ | | ✓ | | ✓ | | ✓ | |
| Super Potential Power Unit | ✓ | | ✓ | | ✓ | | ✓ | |
| Automatic Start & Stop Electronic eyes (E) · Sensor (S) | (E) | | (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 | ✓ | | | | ✓ | | ✓ | |
| Top shelf (optional) | | | | | | | | |
| **Dimensions** | | | | | | | | |
| Width (cm) | 40 | | 37 | | 40 | | 43 | |
| Depth (cm) | 36 | | 33 | | 36 | | 31 | |
| Height (cm) | 64 | | 56 | | 84 | | 83 | |

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® Management System
for power saving stand-by mode

# High Security Shredders
## P-6/P-7 SECURITY LEVELS









| CLASSIC LINE | Kobra 300.1 | | Kobra 300.2 | | Kobra 300 | | Kobra 260 HS2 | | Kobra 400 | | Kobra 400 OM | Kobra 400 COMBI | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HIGH SECURITY MODEL** | **HS** | **HS-6** | **HS** | **HS-6** | **HS** | **HS-6** | **HS** | **HS-6** | **HS** | **HS-6** | **HS** | **HS** | **HS-6** |
| Throat width (mm) | 310 | | 310 | | 300 | | 260 | | 400 | | 130 | 240 Paper +130 CD/DVD | |
| Shred size (mm) | 0,8x9,5 | 0,8x5 | 0,8x9,5 | 0,8x5 | 0,8x9,5 | 0,8x5 | 0,8x9,5 | 0,8x5 | 0,8x9,5 | 0,8x5 | 1,5x2 | 0,8x9,5 | 0,8x5 |
| Sheet capacity* (A4/70g) | 8/10 | 4/5 | 9/11 | 5/6 | 10/12 | 5/6 | 11/13 | 5/6 | 17/19 | 8/10 | | 17/19 | 8/10 |
| Sheet capacity* (A4/80g) | 7/8 | 3/4 | 8/9 | 4/5 | 9/11 | 5 | 10/11 | 5 | 13/15 | 8/9 | | 13/15 | 8/9 |
| Security Level ISO/IEC 21964 (DIN 66399) | P-6 | P-7 | P-6 | P-7 | P-6 | P-7 | P-6 | P-7 | P-6 | P-7 | Top Secret | P-6 | P-7 |
| **Shreddable Material** | | | | | | | | | | | | | |
| Credit card | T-6 | | T-6 | | T-6 | | T-6 | | T-6 | | T-6 | T-6 | |
| Smart card | | | | | | | | | | | E-5 | E-5 | |
| CD/DVD/BluRay disk | | | | | | | | | | | O-6 | O-6 | |
| Micro-film | F-3 | | F-3 | | F-3 | | F-3 | | F-3 | | | F-3 | |
| Floppy disk | | | | | | | | | | | T-6 | T-6 | |
| Memory stick | | | | | | | | | | | | | |
| **Main Features** | | | | | | | | | | | | | |
| Waste bin/bag volume (L) / Waste bag | 110 | | 135 | | 85 | | 85 | | 200 | | 80 | 110+80 | |
| Speed** (m/s) | 0,07 | 0,08 | 0,07 | | 0,08 | | 0,1 | | 0,12 | | 0,15 | 0,15 | |
| Noise level (dba) | 61 | | 61 | | 61 | | 59 | | 60 | | 60 | 60 | |
| Voltage (V50/60Hz) | 230 | | 230 | | 230 | | 230 | | 230 | | 230 | 230 | |
| Power (Watt) | 600 | | 900 | | 920 (2 motors x 460 each) | | 700 (2 motors x 350 each) | | 2.100 | | 2.100 | 2.100 | |
| Weight (Kg) | 38 | | 48 | | 38 | | 51 | | 112 | | 101 | 112 | |
| **Technological Equipments** | | | | | | | | | | | | | |
| Automatic Oiling System | | | | | Option | | Option | | | | | | |
| ENERGY SMART® Management System | | | | | | | | | | | | | |
| 24H Continuous Duty Motor / Motor Thermal Protection | | | | | | | | | | | | | |
| Super Potential Power Unit | | | | | | | | | | | | | |
| Automatic Start & Stop Electronic eyes (E) · Sensor (S) | (E) | | (E) | | (E) | | (E) | | (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 | | | | | | | | | | | | | |
| Top shelf (optional) | | | | | | | | | | | | | |
| **Dimensions** | | | | | | | | | | | | | |
| Width (cm) | 53 | | 53 | | 43 | | 50 | | 60 | | 60 | 60 | |
| Depth (cm) | 43 | | 43 | | 31 | | 38 | | 48 | | 48 | 48 | |
| Height (cm) | 92 | | 100 | | 83 | | 85 | | 93 | | 93 | 93 | |

*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

**Legenda ISO/IEC 21964 (DIN 66399)**
Paper..... P | CD / DVD..... O | Floppy disk..... T | Credit card..... T | Smart card..... E | USB..... E | Film..... F

High security models
HS | HS-6



# High Security Disintegrator and Industrial Shredder




| | Kobra SSD-HS | Kobra CYCLONE | Kobra COMPACTOR C-500 |
|---|---|---|---|
| Throat width (mm) | 240x25 | 325x220 | - |
| Shred size (mm) | Sand-like texture particles | See CYCLONE brochure | |
| Sheet capacity* (A4/70g) | - | 500 | - |
| Sheet capacity* (A4/80g) | - | - | - |
| Security Level ISO/IEC 21964 (DIN 66399) | - | See CYCLONE brochure | |
| **Shreddable Material** | | | |
| Credit card | Similar to T-7 | 45.000 x hour | |
| Smart card | Similar to E-7 | 7.000 x hour | |
| CD/DVD/BluRay disk | Similar to O-7 | 15.000 x hour | |
| Micro-film | | | |
| Floppy disk | Similar to T-7 | 7.000 x hour | |
| Memory stick | Similar to E-7 | | |
| **Main Features** | | | |
| Waste bin/bag volume (L) / Waste bag | 35 | 400 | |
| Speed** (m/s) | Up to 40 kg/h | Up to 420 kg per hour (theoretical output) | |
| Noise level (dba) | variable | 75/85 | |
| Voltage (V50/60Hz) | 380/400 - 3 phases + neutral | 380/400 - 3 phases + neutral | |
| Power (Watt) | 5.000 | 6.000 | 2.200 |
| Weight (Kg) | 570 | 440 | 220 |
| **Technological Equipments** | | | |
| Automatic Oiling System | | | |
| ENERGY SMART® Management System | | | |
| 24H Continuous Duty Motor / Motor Thermal Protection | | | |
| Super Potential Power Unit | | | |
| Automatic Start & Stop Electronic eyes (E) · Sensor (S) | Manual Start&Stop | Manual Start Automatic Stop | Automatic 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 | | | |
| Top shelf (optional) | | | |
| **Dimensions** | | | |
| Width (cm) | 103 | 80 | 110 |
| Depth (cm) | 82 | 212 | 60 |
| Height (cm) | 121 | 210 | 148 |

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

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# ISO/IEC 21964 (DIN 66399)
# Security Levels & Data Carrier Classification

## 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



P

## 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



O

## 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



T

## 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



E

## 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



F

## 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



H


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ISO 9000 REGISTERED QUALITY COMPANY


Authorized Dealer


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

Technical Data as of 09/2019. Specifications in this publication may be subject to change without notice.