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# KOBRA®

## "TS" SERIES

Touch Screen  
Energy Saving  
Eco-friendly  
Shredders

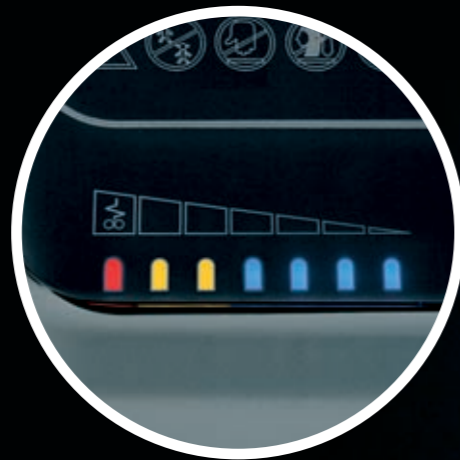


# "TS" - TECHNOLOGY

The new range of KOBRA "TS" shredders with Touch Screen Technology is the most technologically advanced on the market today. KOBRA "TS" shredders come with an EPC – Electronic Power Control – system. By means of a series of illuminated optical indicators, the operator can control the shredding load, avoid jams and optimize shredding. Illuminated optical indicators on the Touch Screen panel show the current status of the machine or Energy Smart lights up when the machine is into power saving stand-by mode. Functions are activated by simply touching the required command on the Touch Screen. There is also a light to warn the operator when the cutting knives need to be oiled. In shredders with an automatic oiler, a light comes on when the oil container is empty.



**EPC- Electronic Power Control**  
Shows the shredding load required to optimise shredding without jams

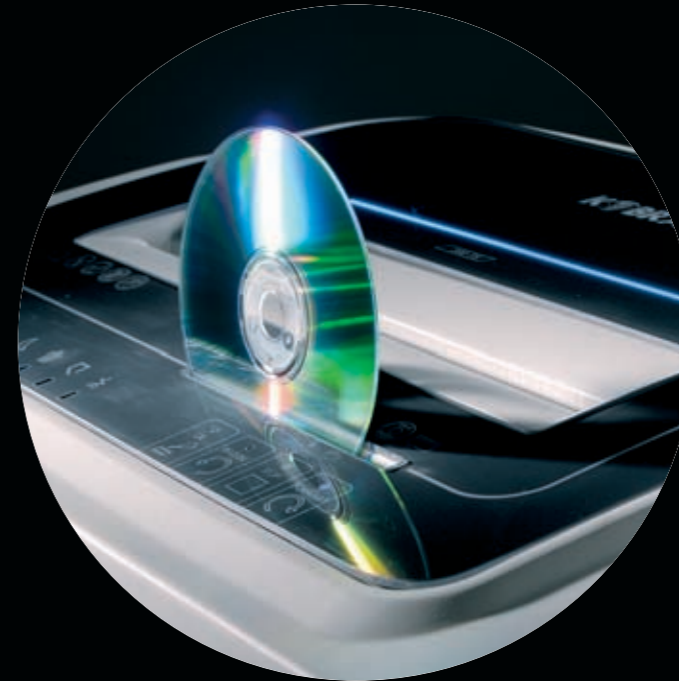


**Illuminated optical indicators**  
Clearly show the current status of the machine



**Touch Screen Technology**  
All controls are activated by simply touching the panel. Keep your finger on the "Forward" control for 5 seconds and the machine will operate for 30 seconds when transparent material needs to be shredded. A warning light comes on when the cutting knives need oiling.





**Two separate sets of cutting knives**  
Two entry openings and two sets of cutting knives for the separate insertion and shredding of paper, CDs, DVDs, and credit cards and separation of shredded material into two bins

## "TS" - TECHNOLOGY

To understand how advanced the technology in the KOBRA "TS" series actually is, just take a look at the innovative systems they come equipped with:

**Energy Smart®** is the most advanced energy saving system around. When the machine has not been used for just eight seconds, the shredder goes into automatic power saving stand-by mode and can be restarted by simply inserting material into the machine to be shredded. When the machine has not been used for four hours, it automatically disconnects from the mains power supply and even switches off the Energy Smart light so the machine is not left on when nobody is in the office.

**Automatic Reverse System** comes on when too much material is inserted into the shredder and puts the machine into automatic reverse.

**Continuous duty shredding 24 hours a day.** Special motors can operate 24 hours a day non-stop without overheating, allowing for continuous shredding and maximum daily shredding load.

**Two sets of cutting knives** for separate shredding of paper, CDs, DVDs and credit cards, and separating the shredded material into two bins.

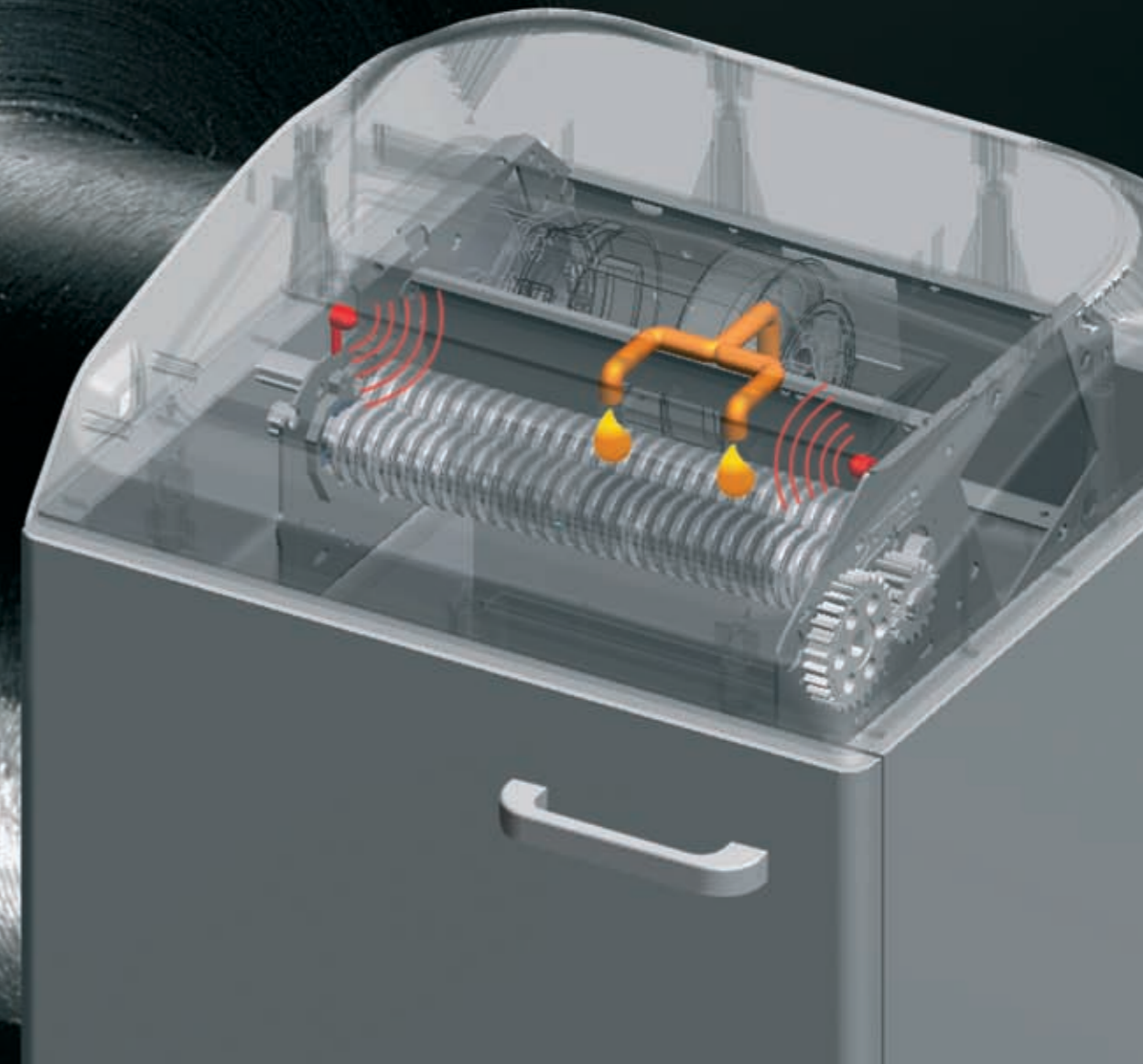


**Automatic disconnection from the mains.**  
No longer any need to switch off the shredder before leaving the office. Maximum power saving.



## "TS" - TECHNOLOGY

The shredders in the KOBRA "TS" series come with a sturdy steel gears' and metal chain drive system which offers superior reliability and resistance to wear in comparison with cheaper plastic chain drive systems. The development of new blade edges for the carbon hardened cutting knives in the KOBRA "TS" series which are unaffected by staples and metal clips, makes it possible to achieve high shred loads with low power consumption. KOBRA "TS" cross-cut and HS shredders can be fitted with a built-in automatic oiling system which eliminates the need for manual oiling of cutting knives. Shredders can also be fitted with the "SHRED GUARD" - Metal Detection System which warns when metal objects of any size are accidentally inserted into the entry opening and stops the machine before they reach the cutting knives. An illuminated optical indicator warns the operator to remove these objects in order to protect the knives.



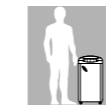
## "TS" - TECHNOLOGY



Kobra 260 TS

Kobra 310 TS

Kobra 270 TS



### "Touch Screen" Office shredder

- Available in 6 different versions with straight or cross cut or high security mechanism
- Shreds up to 30 sheets of paper (A4 70 gr.) at a time
- Touch Screen Panel
- "EPC - Electronic Power Control" System: shows the shredding load required to optimise shredding without jams
- "ENERGY SMART®" power saving system: machine goes into power saving stand-by mode after just 8 seconds and switches off automatically after 4 hours of non-operation
- "AUTOMATIC REVERSE" System in case of jamming
- 24 hour continuous duty motors: no duty cycle or timed cool down periods
- Heavy duty chain drive with steel gears
- "SUPER POTENTIAL POWER UNIT"
- Carbon hardened cutting knives unaffected by staples and metal clips. New high precision design of cutting knives allows high shred loads with low power consumption
- 2 separate sets of cutting blades: one for paper and one for CDs, DVDs and credit cards
- 2 distinct integrated removable bins for separating shredded paper from plastic shreds
- "AUTOMATIC OILING SYSTEM": automatically lubricates cutting knives (optional)
- "SHRED GUARD" - Metal Detection System: detects any type of metal which can be introduced into the shredder and stops immediately the machine preventing any possible damage to the cutting system; an illuminated optical indicator warns the operator of the presence of the metal (optional)



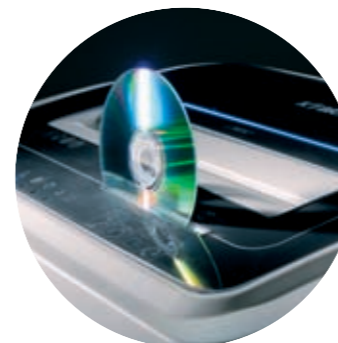
#### TOUCH SCREEN PANEL

Just touch the controls to activate the machine functions. Keep your finger on the "Forward" control for 5 seconds and the machine functions continuously for 30 seconds when transparent material needs to be shredded. A light comes on when the blades need to be oiled.



#### ENERGY SMART®

Power saving system: the machine goes into automatic power saving stand-by after it has not been used for just 8 seconds and after four hours of not being used is switched off at the mains.



#### TWO SEPARATE SETS OF CUTTING KNIVES

Two entry openings and two sets of cutting knives for the separate insertion and shredding of paper, CDs, DVDs, and credit cards and separation of shredded material into two bins.



	S4	S5	C2	C4	HS	HS-6
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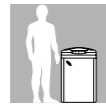
Throat width (mm)	260	260	260	260	260	260
Shred size (mm)	3,8	5,8	1,9 x 15	3,9 x 40	0,8x9,5	0,8x5
Security Level	<b>DIN 32757</b>	2	4	3	5	6
Sheet capacity* (A4 70gr. paper)	26/28	28/30	12/14	22/24	6/8	4/5
(A4 80gr. paper)	21/23	23/25	10/12	17/19	5/6	3/4
CD-ROM/DVD/CREDIT CARD capacity	●	●	●	●		
Speed** (m/sec.)	0,05	0,07	0,07	0,07	0,08	0,08
Noise Level (dba)	55	55	55	55	55	55
Waste bin volume (l)	60	60	60	60	60	60
Voltage (V/Hz)	230/50-60	230/50-60	230/50-60	230/50-60	230/50-60	230/50-60
Power (Watt)	460	460	460	460	460	460
ENERGY SMART® Management System	●	●	●	●	●	●
AUTOMATIC REVERSE System	●	●	●	●	●	●
24 hour continuous duty motor	●	●	●	●	●	●
AUTOMATIC OILER			optional	optional	optional	optional
SHRED GUARD Metal detection system			optional	optional	optional	optional
Automatic Start/Stop through electronic eyes	●	●	●	●	●	●
Open door stop with light signal	●	●	●	●	●	●
Bag full stop with light signal	●	●	●	●	●	●
Motor thermal protection	●	●	●	●	●	●
Dimensions (WxDxH) (cm)	40x36x80	40x36x80	40x36x80	40x36x80	40x36x80	40x36x80
Weight (Kg)	30	30	31	31	32	32

\*Capacity may differ in 60 Hz machines \*\*Speed calculated at 60 Hz as knife outside diameter x rpm

**KOBRA** "TS" shredders are built according to CE standards and carry the most international recognized safety marks



# Kobra 270 TS



## "Touch Screen" Office shredder

- Available in 6 different versions with straight or cross cut or high security mechanism
  - Shreds up to 32 sheets of paper (A4 70 gr.) at a time
  - Touch Screen Panel
  - "EPC - Electronic Power Control" System: shows the shredding load required to optimise shredding without jams
  - "ENERGY SMART®" power saving system: machine goes into power saving stand-by mode after just 8 seconds and switches off automatically after 4 hours of non-operation
  - "AUTOMATIC REVERSE" System in case of jamming
  - 24 hour continuous duty motors: no duty cycle or timed cool down periods
  - Heavy duty chain drive with steel gears
  - "SUPER POTENTIAL POWER UNIT"
  - Carbon hardened cutting knives unaffected by staples and metal clips.
- New high precision design of cutting knives allows high shred loads with low power consumption
- 2 separate sets of cutting blades:
    - one for paper and one for CDs, DVDs and credit cards
  - 2 distinct integrated removable bins for separating shredded paper from plastic shreds
  - "AUTOMATIC OILING SYSTEM": automatically lubricates cutting knives (optional)
  - "SHRED GUARD" – Metal Detection System: detects any type of metal which can be introduced into the shredder and stops immediately the machine preventing any possible damage to the cutting system; an illuminated optical indicator warns the operator of the presence of the metal (optional)



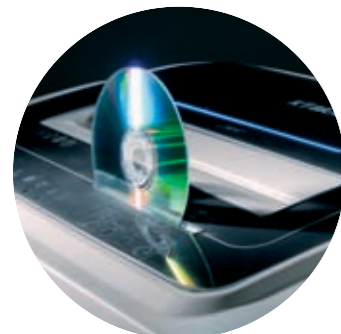
### TOUCH SCREEN PANEL

Just touch the controls to activate the machine functions. Keep your finger on the "Forward" control for 5 seconds and the machine functions continuously for 30 seconds when transparent material needs to be shredded. A light comes on when the blades need to be oiled.



### EASY TO REMOVE BAG

Slide out tracks make it easy to empty the two waste collection bags



### TWO SEPARATE SETS OF CUTTING KNIVES

Two entry openings and two sets of cutting knives for the separate insertion and shredding of paper, CDs, DVDs, and credit cards and separation of shredded material into two bins.



### ERGONOMIC HANDLE

An easy grip sturdy handle

# Kobra 310 TS



## "Touch Screen" Office shredder

- Available in 6 different versions with straight or cross cut or high security mechanism
- Shreds up to 47 sheets of paper (A4 70 gr.) at a time
- Touch Screen Panel
- "EPC - Electronic Power Control" System: shows the shredding load required to optimise shredding without jams
- "ENERGY SMART®" power saving system: machine goes into power saving stand-by mode after just 8 seconds and switches off automatically after 4 hours of non-operation
- "AUTOMATIC REVERSE" System in case of jamming
- 24 hour continuous duty motors: no duty cycle or timed cool down periods
- Heavy duty chain drive with steel gears
- "SUPER POTENTIAL POWER UNIT"
- Carbon hardened cutting knives unaffected by staples and metal clips. New high precision design of cutting knives allows high shred loads with low power consumption
- 2 separate sets of cutting blades: one for paper and one for CDs, DVDs and credit cards
- 2 distinct integrated removable bins for separating shredded paper from plastic shreds
- "AUTOMATIC OILING SYSTEM": automatically lubricates cutting knives (included on Kobra 310 HS/HS-6, optional on other models)
- "SHRED GUARD" – Metal Detection System: detects any type of metal which can be introduced into the shredder and stops immediately the machine preventing any possible damage to the cutting system; an illuminated optical indicator warns the operator of the presence of the metal (optional)



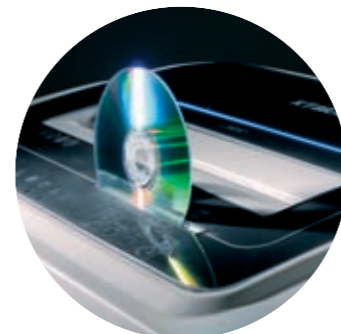
### TOUCH SCREEN PANEL

Just touch the controls to activate the machine functions. Keep your finger on the "Forward" control for 5 seconds and the machine functions continuously for 30 seconds when transparent material needs to be shredded. A light comes on when the blades need to be oiled.



### EASY TO REMOVE BAG

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### TWO SEPARATE SETS OF CUTTING KNIVES

Two entry openings and two sets of cutting knives for the separate insertion and shredding of paper, CDs, DVDs, and credit cards and separation of shredded material into two bins.



### "AUTOMATIC REVERSE" System

Warns when too much material is inserted into the shredder and automatically puts the machine into reverse.

		S4	S5	C2	C4	HS	HS-6
Throat width (mm)		270	270	270	270	270	270
Shred size (mm)		3,8	5,8	1,9 x 15	3,9 x 40	0,8 x 9,5	0,8 x 5
Security Level	DIN 32757	2	2	4	3	5	6
Sheet capacity*	(A4 70gr. paper)	27/29	30/32	15/17	23/25	8/10	4/5
	(A4 80gr. paper)	22/24	24/26	12/14	18/20	7/8	3/4
CD-ROM/DVD/CREDIT CARD capacity		●	●	●	●		
Speed**	(m/sec.)	0,06	0,07	0,06	0,07	0,07	0,08
Noise Level	(dba)	55	55	55	55	55	55
Waste bin volume	(l)	110	110	110	110	110	110
Voltage	(V/HZ)	230/50-60	230/50-60	230/50-60	230/50-60	230/50-60	230/50-60
Power	(Watt)	460	460	460	460	460	460
ENERGY SMART® Management System		●	●	●	●	●	●
AUTOMATIC REVERSE System		●	●	●	●	●	●
24 hour continuous duty motor		●	●	●	●	●	●
AUTOMATIC OILER				optional	optional	optional	optional
SHRED GUARD Metal detection system				optional	optional	optional	optional
Automatic Start/Stop through electronic eyes		●	●	●	●	●	●
Open door stop with light signal		●	●	●	●	●	●
Bag full stop with light signal		●	●	●	●	●	●
Motor thermal protection		●	●	●	●	●	●
Dimensions (WxDxH)	(cm)	53x43x88	53x43x88	53x43x88	53x43x88	53x43x88	53x43x88
Weight	(Kg)	45	45	46	46	47	47

\*Capacity may differ in 60 Hz machines \*\*Speed calculated at 60 Hz as knife outside diameter x rpm

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		SS4	SS5	CC2	CC4	HS	HS-6
Throat width (mm)		310	310	310	310	310	310
Shred size (mm)		3,8	5,8	1,9 x 15	3,9 x 40	0,8 x 9,5	0,8 x 5
Security Level	DIN 32757	2	2	4	3	5	6
Sheet capacity*	(A4 70gr. paper)	37/39	45/47	17/19	29/31	11/13	5/6
	(A4 80gr. paper)	31/33	37/39	14/16	25/27	10/11	4/5
CD-ROM/DVD/CREDIT CARD capacity		●	●	●	●		
Speed**	(m/sec.)	0,08	0,08	0,07	0,07	0,08	0,08
Noise Level	(dba)	58	58	58	58	58	58
Waste bin volume	(l)	135	135	135	135	135	135
Voltage	(V/HZ)	230/50-60	230/50-60	230/50-60	230/50-60	230/50-60	230/50-60
Power	(Watt)	920 (2x460)	920 (2x460)	920 (2x460)	920 (2x460)	920 (2x460)	920 (2x460)
ENERGY SMART® Management System		●	●	●	●	●	●
AUTOMATIC REVERSE System		●	●	●	●	●	●
24 hour continuous duty motor		●	●	●	●	●	●
AUTOMATIC OILER				optional	optional	●	●
SHRED GUARD Metal detection system				optional	optional	optional	optional
Automatic Start/Stop through electronic eyes		●	●	●	●	●	●
Open door stop with light signal		●	●	●	●	●	●
Bag full stop with light signal		●	●	●	●	●	●
Motor thermal protection		●	●	●	●	●	●
Dimensions (WxDxH)	(cm)	53x43x96	53x43x96	53x43x96	53x43x96	53x43x96	53x43x96
Weight	(Kg)	53	53	55	55	57	57

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