Model overview









SPS LIFETIME GUARANTEE ON CUITING SIMPLE
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	Deskside										Office																												
	IDEAL AL1	IDEAL 2220	IDEAL 2240	IDEAL 2260	IDEAL 2270		IDEA	AL 2360			IDEAL 2	404		IDEAL 2	503			IDEAL 2	2604			IDEAL	3104		ID	EAL 310	5		IDEA	3804		IDEA	4002			IDE	AL 400	05	
Model	AL1	2220	2240 2240 CC	2260 2260 CC	2270 2270 CC	2360	2360 CC 2	360 CC 2360) MC ² 2360 SI	MC ² 240	4 2404 0	CC 2404 (CC 2503	2503 C	CC 2503 CC	2604	2604 C	CC 2604 C	CC 2604	MC ² 2604 S	SMC ² 310	04 3104	CC 3104	CC 310	3105	CC 3105	CC 3105	SMC ²	804 38	04 CC 38	04 CC 4	,002 40	D2 CC 4	02 CC	4005 40	005 CC 4	4005 CC	4005 MC	IC ² 4005 SM
Feed opening, mm	240	220	220 220	220 220	220 220	240	240	240 2	40 240	240	240	240	260	260	260	260	260	260	20	60 260	0 31	10 31	0 310	310	31	0 31	0 31	10	400	400	400	400	400	400	405	405	405	405	405
Shredder type (strip or cross cut)	cross cut	strip cut	strip cut cross cut	strip cut cross cut	strip cut cross cut	strip cut	cross cut cr	ross cut find	e cut fine c	cut strip	cut cross o	cut cross o	cut strip o	ut cross c	ut cross cu	ıt strip cut	cross c	cut cross c	cut fine	cut fine o	cut strip	cut cross	cut cross	cut strip (ut cross	cut cross	cut fine	cut st	ip cut cro	ss cut cro	ss cut str	ip cut crc	ss cut cr	iss cut s	rip cut cro	oss cut c	cross cut	fine cut	ut fine co
Shred width, mm	2 x 15	4	4 3 x 25	4 3 x 25	4 3 x 25	4	4 x 40	2 x 15 0.8	x 12 0.8 x	5 4	4 x 4	0 2 x 1	5 4	4 x 40	2 x 15	4	4 x 40	0 2 x 15	5 0.8	x 12 0.8 x	κ 5 4	4 4 x	40 2 x 1	15 6	4 x	40 2 x	15 0.8	х 5	6 4	x 40 2	x 15	6 4	x 40 2	x 15	6 4	x 40	2 x 15	0.8 x 12	12 0.8 x
Performance in sheets, A4 paper 70 g/m²	11-13	11-13	11-13 6-7	11-13 6-7	11-13 6-7	15-17	13-15	10-12 4	-6 4-5	5 22-2	24 16-18	B 11-1:	3 21-2	3 16-18	3 10-12	30-32	25-27	7 15-17	7 10-	-12 5-7	7 30-	-32 25-2	27 15-1	7 50-5	5 40-	45 25-	30 11-	-12 2	5-28 1	9-22 1	0-13 3	9-41 2	8-30	6-18	50-55 4	10-45	25-30	15-17	7 10-11
Performance in sheets, A4 paper 80 g/m²	9-11	9-11	9-11 5-6	9-11 5-6	9-11 5-6	12-14	11-13	8-10 3	1-5 3-4	19-2	21 13-19	5 9-11	18-2	0 13-15	8-10	26-28	21-23	3 13-15	5 8-	10 4-6	6 26-	-28 21-2	23 13-1	5 42-4	7 34-	39 21-	26 9-	10 2	1-24 1	6-19 8	1-11 3	3-35 23	3-25	3-15	42-47 3	34-39	21-26	13-15	5 8-9
Security level (DIN 32 757 standard)	4	2	2 3	2 3	2 3	2	3	4	5 Level	16 2	3	4	2	3	4	2	3	4	ĺ	5 Level	16 2	2 3	4	2	3	4	Levi	el 6	2	3	4	2	3	4	2	3	4	5	Level
Paper clip proof solid steel cutting shafts with lifetime guarantee ¹	•	•		• •		•	•	•		•	•	•	•	•	•	•	•	•			•		•	•	•	•		-	•	•	•	•	•	•	•	•	•	-	-
Shreds also			-	-							9 40					□ ⊚		9 🗖 🧐	9			•	⊚ □(9 🗖 0				- E	9	9		⊚	9 E	■	○	⊚ ⊢	■ ⊚	-	-
Shred speed, m/sec.	0.10	0.06	0.06	0.06	0.06	0.10	0.05	0.05 0	.05 0.05	5	0.10			0.10			1	0.08				0.0	8	0.20	0.1	5 0.1	5 0.3	22).12).10	0.10	0.12 0	1.10	0.10	0.20	0.15	0.15	0.17	0.22
Automatic oil injection on the cutting shafts	-	-	-	-	-			-			-			-				-				-				•	1			-			-		1		•		
Shred collection in ³	shred bin	shred bin	shred bin	shred bin	two shred bins		sh	hred bin			shred I	bin		shred b	oin			shred b	bin			shred	bin			shred bin			shr	ed bin		shr	ed bin			S	shred bin	ı	
Capacity for shreds, litres	25	20	20	20	20 / 3 (for CDs/DVDs)			35			35			75				100				12)			140				165			165				165		
Power connection, volts / Hz (single phase) ⁴	230 / 50 / 1~	230 / 50 / 1~	230 / 50 / 1~	230 / 50 / 1~	230 / 50 / 1~		230	/ 50 / 1~			230 / 50	/ 1~		230 / 50	/ 1~			230 / 50	/ 1~			230 / 50) / 1~		2	30 / 50 / 1~			230 /	50 / 1~		230 /	50 / 1~			230	30 / 50 / 1~	~	
Motor capacity, W	580	150	150	150	150			390			580			580				640				641)			1600				640		1	300				1600		
Automatic start/stop via photo cell	•	-	•	•	•			•			•			•				•				•				•				•			•				•		
ECC - Electronic Capacity Control	-	-	-	-	-			-			-			-				•				•				•				-			•				•		
Control element	EASY_SWITCH	multifunction switch	multifunction switch	multifunction switch	multifunction switch		EAS'	Y_SWITCH			EASY_SW	/ITCH		EASY_SW	ITCH			EASY_SW	VITCH			EASY_S\	NITCH		E	ASY_SWITCH			EASY	_SWITCH		EASY	SWITCH			EAS	ASY_SWITCH	CH	
SPS Safety Protection System:	•	-	-	-	-			•			•			•				•				•				•				•			•				•		
- Patented safety flap in the feed opening ⁵	electronically controlled	mechanically	mechanically	mechanically	mechanically		electroni	cally controlled			electronically	controlled		electronically o	controlled		е	electronically o	controlled			electronically	controlled		electr	onically contro	olled		electronica	ally controlled		electronic	lly controlled			electroni	nically conti	ntrolled	
- Automatic reverse / automatic power cut-off ⁵	• / •	-	-	-	-			• / •			•/•	•		•/•				•/•	•			• /	•			• / •			•	. / •		,	/•				•/•		
- Automatic cut-off if shred bag is full ⁵	•	-	-	-	-			•			•			•				•				•				•				•			•				•		
- Electronic door protection via a magnetic proximity switch ⁵	•	-	-	-	-			•			•			•				•				•				•				•			•				•		
- Double motor protection against overheating ⁵	•	•	•	•	•			•			•			•				•				•				•				•			•				•		
- Energy saving mode ⁵	•	-	-	-	-			•			•			•				•				•				•				•			•				•		
Dimensions, mm (H x W x D)	600 x 410 x 240	452 x 345 x 215	452 x 345 x 215	537 x 345 x 220	537 x 345 x 220		700 :	x 395 x 295			700 x 395	x 295		870 x 500 x	x 377			926 x 495	x 470			930 x 538	3 x 470		10	20 x 548 x 591)		970 x	640 x 590		970 x	540 x 590			1010	0 x 640 x 59	590	
Weight, kg	21	6	6 7	10.5 11.5	12.5 13.0	22		22	22 22	23			30	30.5		48	48			48 48	3 52			102	103	2 10	2 10	02			84		87	87	115		115		115
Prices for machines																																							

other voltages available ⁵ element of the SPS safety package (Safety Protection System)



































IDEAL **AL1**

IDEAL **2220**

IDEAL **2240**

IDEAL **2260**

IDEAL **2270**

IDEAL **2604**

Model overview

	High-capacity													
	IDEAL	4605	IDEAL	4107	IDEAL	5009								
Model	4605 CC ⁵	4605 CC ⁵	41075	4107 CC ⁵	5009-2 CC 5	5009-3 CC ⁵								
Feed opening, mm	460	460	410	410	500	500								
Shredder type (strip or cross cut)	cross cut	cross cut	strip cut	cross cut	cross cut	cross cut								
Shred width, mm	4 x 60	2 x 15	6	6 x 50	8 x 40-80	6 x 50								
Performance in sheets, A4 paper 70 g/m²	65-70	35-40	90-110	80-90	600-700	300-400								
Performance in sheets, A4 paper 80 g/m²	55-60	29-34	75-95	68-78	500-600	250-350								
Security level (DIN 32 757 standard)	3	4	2	3	2	3								
Paper clip proof cutting head	•	•	•	•	•	•								
Shreds also	□⊙H	□ ⊚ □	⊟⊚⊟	⊟⊚⊟	- 00	- 00								
Shred speed, m/sec.	0.	.20	0.30	0.26	0.23	0.122								
Centralised oiler		-		•	•									
Shred collection in	mobile :	shred bin	disposable	plastic bag	shred trolley									
Capacity for shreds, litres	2	30	3	00	300									
Power connection, volts / Hz (three phase) ¹	400 /	50 / 3~	400 /	50 / 3~	400 / 50 / 3~									
Motor capacity, kW	2	2.2	4.0 / 3	3.0 (CC)	9.0 (2 x 4.5)									
Automatic start/stop via photo cell		•		-		-								
Control element	soft too	uch keys	panel with	push buttons	panel with p	oush buttons								
Automatic reverse / automatic power cut-off	•	/ •	-	/ •	•	/ •								
Automatic cut-off if shred bag is full		•		•		•								
Electronic door protection		•		•		•								
Thermal overload switch		•		•		•								
Movable on castors		•		•	•									
Dimensions, mm (H x W x D)	1700 x 7	740 x 765	1440 x 1240)/690³ x 1700	1714 x 1036 x 2170/3070 ⁴									
Weight, kg	256	256	350	350	1130	1130								
Prices for machines														
Prices for accessories														
- Modular conveyor belt system	-	-	-	-										
- Second shred trolley	-	-	-	-										

¹ other voltages available ² variable shred speed »2-MATIC«

³ transportation width (without side tables) 4 depth with conveyor belt system

⁵ guarantee for three phase machines: two years on the cutting shafts, one year on all other parts







WWW.IDEAL.DE

Special solutions

High security optical media shredder

Innovative high performance shredder, especially designed for efficient destruction of CDs and DVDs. High quality cutting shafts produce small particles of 2.2 x 4 mm for high security needs. This powerful model shreds up to 2.500 CDs



IDEAL **0101 HDP**

Hard drive punch



IDEAL **0201 OMD**

or DVDs per hour (single feeding).

The ideal solution for making discarded hard drives from personal computers, notebooks, printers and copiers unusable. At the touch of a button, the IDEAL 0101 HDP punches a hole completely through the hard drive, rendering the stored data unaccessible. The mechanical components, the PC board as well as the hard disc are damaged, which corresponds to security level 3 of the drafted standard DIN 66399. IDEAL 0101 HDP is suitable for 2.5" or 3.5" drives (single feeding).



Security levels according to DIN 32 757

International standards define five levels of security, which determine the maximum width for strip cut as well as the maximum particle size. For just making general documents illegible, security levels 1 and 2 are the right choice. Documents classified as "confidential" or "secret" should be destroyed with models adequate for security levels 3 - 5 or even with shredder models which are suitable for the new »Level 6« requirements. When shredding large quantities of paper, for example with a high-capacity shredder, a higher security level can be achieved by additional measures like mixing or compacting the shreds.

There are two types of shredding: strip cut and cross cut (particle cut). We recommend strip cut for general security demands. With high sheet capacity and an inexpensive cutting technique resulting in an outstanding price-performance ratio. The cross cut technique offers high data protection and a considerable reduction of shredded paper volume.

SECURITY LEVEL 1 (strip cut)

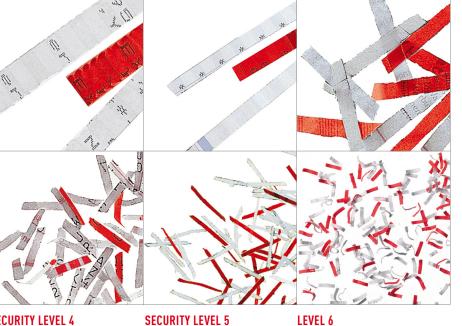
For all written documents that should be made illegible.

SECURITY LEVEL 2 (strip cut)

For internal documents that should be made illegible.

SECURITY LEVEL 3 (cross cut)

For confidential documents that should be made illegible.



SECURITY LEVEL 4 (cross cut)

For documents that contain secrets that should be made illegible.

SECURITY LEVEL 5 (micro cut)

For extremely high security needs.

(super micro cut) Not listed under DIN 32 757 - for maximum security requirements.







