

THE BEST MACHINE
FOR DEMANDING JOBS

SABER[®]

PAPER CUTTERS



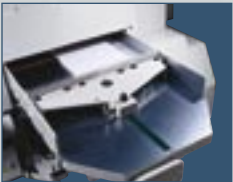
The Power of a SABER®



For taking on heavy-duty cutting projects, it doesn't get better than the SABER: the best technology, the most power, the greatest endurance. Set up this workhorse and you'll have nothing but years of satisfying, easy, high-quality operation. Cut the biggest jobs down to size in no time—again and again. The SABER makes it simple.

Mechanical Excellence

Manufactured to ISO 9001 standards, the SABER features the strongest and most precise mechanical design on the market. Its massive knife bar cuts through piles with pressure applied equally at both sides, ensuring greater cutting power, less pile disturbance, less mechanical wear, and extended knife life. The central hydraulic clamp provides steady, uniform clamping pressure. The backgauge's precision is controlled by a ball-bearing lead screw, linear guides, and the SABER's patented DC drive system, providing smooth and accurate positioning at all speeds. Also, the SABER's four rear table supports, (two on the 95) flash-chromed main and side tables, brass air jets, and computer-controlled lubrication schedule combine to deliver added stability and simplified maintenance.



World-Class Control

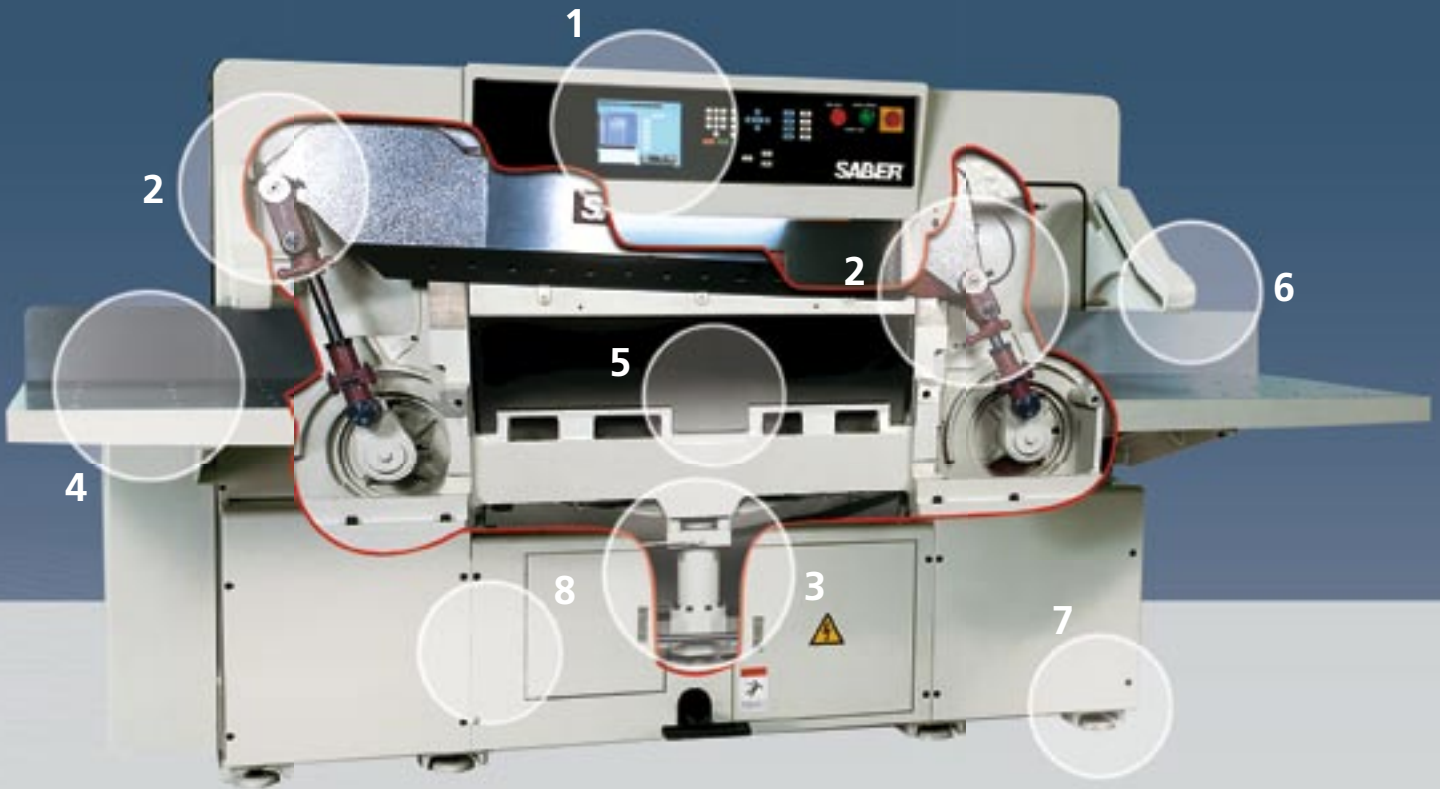
New users will find themselves becoming experts at operating the SABER in no time, as the built-in user manual and help screens are literally at one's fingertips. The SABER offers a full-color, multi-lingual TFT touch screen that details an extensive array of easy-to-use programming and control options, all of which can be password protected. With only a few keystrokes, save and quickly recall both operator preferences and the details of every job in the SABER's huge memory. An internal maintenance log tracks the machine's service history and prompts the user when service is coming due. On board diagnostics monitor over 150 machine functions 1000 times per second, providing real-time analysis and self correction as jobs are in progress. Manage and exchange data using standard software such as cutternet® and microfacts®. Users can also create programs from CIP 3/CIP 4 files.



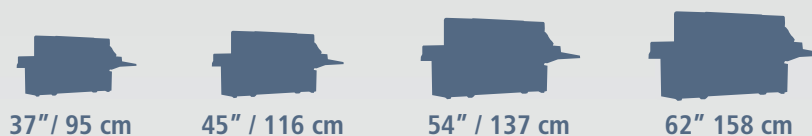
No Cuts on Safety

No corners have been cut to ensure operator and machine safety on the SABER, which complies with CE requirements. Two-hand cut release; safety latching of the knife bar; two-stage hydraulics; and a computer-controlled IR safety curtain—all standard. All major functions are monitored by two independent circuits; deviation from the norm results in an instant, failsafe shutdown of the SABER. Cut fast, cut well, and cut safely with the SABER.





1. A full-color, TFT touch screen and multi-lingual prompting provide an intuitive, easy-to-use interface.
2. Double-end knife pull for more powerful, precise cutting.
3. Center-actuated clamping insures uniform pressure regardless of pile positioning.
4. Oversize, dual cast iron chromed side tables with air.
5. Ball bearing lead screw and linear guide guarantee precise backgauge positioning.
6. Improved operator and machine safety: Cushion contact clamping, IR safety beams, and real-time monitoring of all major functions.
7. Heavy-duty construction, including a massive base, provides stability and longevity with leveling devices for accurate installation.
8. Programable clamping pressure adjustment.



37" / 95 cm

45" / 116 cm

54" / 137 cm

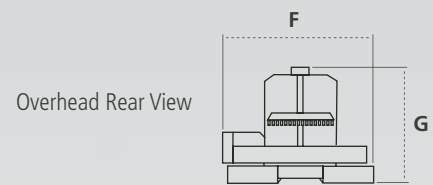
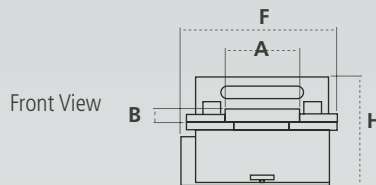
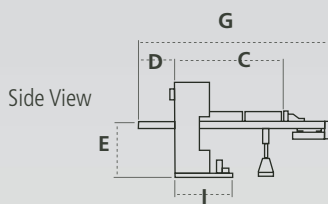
62" / 158 cm

SABER comes in four cutting sizes.

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PAPER CUTTERS

SABER Specifications & Technical Data

Model	37"	95 cm	45"	116 cm	54"	137 cm	62"	158 cm
Max. pile height without false clamp	6"	15 cm	6.5"	16.5 cm	6.5"	16 cm	6.5"	16.5 cm
Max. cutting width	37"	95 cm	45"	116 cm	54"	137 cm	62"	158 cm
Max cutting depth	38"	98 cm	45"	116 cm	58"	148 cm	65"	165 cm
Min. cut with false clamp on	2.5"	6.3 cm	3"	7.5 cm	3"	7.5 cm	3"	7.5 cm
Min. cut without false clamp	0.8"	2.0 cm	1.3"	3.3 cm	1.3"	3.3 cm	1.3"	3.3 cm
Working depth front table	26"	67 cm	28"	71 cm	28"	71 cm	29"	75 cm
Table height	35"	90 cm	37.5"	95 cm	37.5"	95 cm	37.5"	95 cm
Overall machine width	97"	246 cm	108"	275 cm	116"	295 cm	140"	354 cm
Overall machine length	91"	231 cm	100"	254 cm	118"	300 cm	142"	360 cm
Overall machine height	61"	155 cm	66"	168 cm	66"	168 cm	69"	175 cm
Passage opening table disassembled	36"	91 cm	40"	103 cm	45"	115 cm	50"	127 cm
Grinding reserve on knife	1.2"	3 cm	2.5"	6 cm	2.5"	6 cm	2.5"	6 cm
Min. clamp pressure (pedal)	none		none		none		none	
Max. clamp pressure	8800lb	4000 kg	9900 lb	4500 kg	10,150 lb	4600 kg	13,200 lb	6000 kg
Knife thickness	.50"	12 mm	.54"	13 mm	.54"	13 mm	.54"	13 mm
Backgauge speed	12"/sec	30 cm / sec	12"/sec	30 cm / sec	12"/sec	30 cm / sec	12"/sec	30 cm / sec
Net weight with full oil tank	7040 lb	3200 kg	10100 lb	4600 kg	11400 lb	5200 kg	13200 lb	6000 kg
Gross weight (seaworthy crating)	7400 lb	3400 kg	11000 lb	5000 kg	12500 lb	5700 kg	14500 lb	6600 kg
Power	220/380 VAC 50/60hz							



Dimensions

Dimensions	37"	95 cm	45"	116 cm	54"	137 cm	62"	158 cm
A. Max. cutting width	37"	95 cm	45"	116 cm	54"	137 cm	62"	158 cm
B. Pile height without false clamp	6"	15 cm	6.5"	16.5 cm	6.5"	16.5 cm	6.5"	16.5 cm
C. Max. working depth rear table	38"	98 cm	45"	116 cm	58"	148 cm	65"	165 cm
D. Working depth front table	26"	67 cm	28"	71 cm	28"	71 cm	28"	71 cm
E. Table height	35"	90 cm	37.5"	95 cm	37.5"	95 cm	37.5"	95 cm
F. Overall machine width	97"	246 cm	108"	275 cm	116"	295 cm	140"	354 cm
G. Overall machine length	91"	231 cm	100"	254 cm	118"	300 cm	142"	360 cm
H. Overall machine height	61"	155 cm	66"	168 cm	66"	168 cm	70"	168 cm

Your Local Representative

Specifications subject to change without notice.

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