

TECHNICAL DATA

High-speed cutter
Senator E-Line 78 & 92

E-line

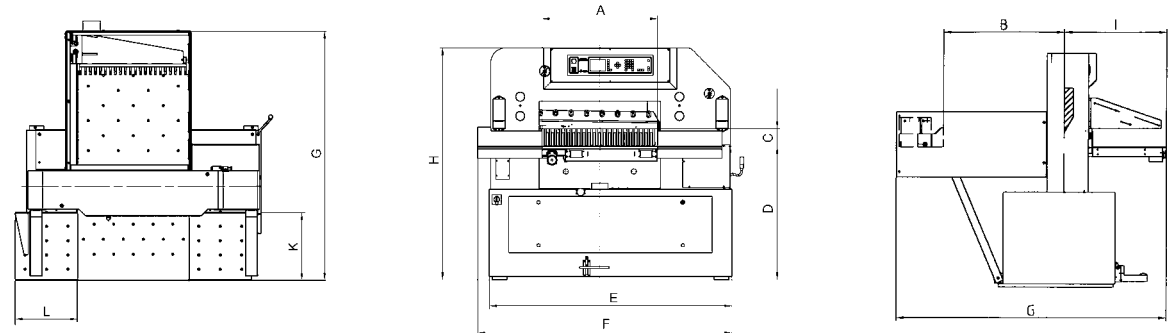
SCHNEIDER
SENATOR

Cutting Technology

Technical data	78	92
A Cutting width, mm/inch	780 / 30,71	920 / 36,22
B Feed depth, mm/inch	780 / 30,71	920 / 36,22
C Clamp opening, mm/inch	120 / 4,72	120 / 4,72
D Table height, mm/inch	900 / 35,43	900 / 35,43
E Machine width, mm/inch - without side tables	1.640 / 64,57	1.700 / 66,93
F Machine width, mm/inch - including side tables	1.719 / 67,68	1.835 / 72,24
G Machine depth, mm/inch	1.811 / 71,30	1.992 / 78,43
H Machine height, mm/inch	1.565 / 61,61	1.520 / 59,84
I Front table length, mm/inch	657 / 25,87	657 / 25,87
K Side table depth, mm/inch (BN)	471 / 18,54	471 / 18,54
L Side table width, mm/inch (BN)	436 / 17,17	436 / 17,17
Side table depth, mm/inch (LST 750)	750 / 29,53	750 / 29,53
Side table width, mm/inch (LST 750)	750 / 29,53	750 / 29,53
Power required (main drive), max. kW	3,8	5,5
Weight net, kg / lbs	1.400 / 3.084	1.600 / 3.525
Clamp pressure min., daN	150	180
Clamp pressure max., daN	2.500	3.000
Knife thickness, mm/inch	12 / 0,47	12 / 0,47
Smallest cut, mm/inch - with false clamp plate (option 50)	65 / 2,56	80 / 3,15
Smallest cut, mm/inch - without false clamp plate	20 / 0,79	25 / 0,98
Backgauge speed, mm/s / inch/s	225 / 8,86	225 / 8,86
Static floor load, daN/m²	590	605
Contact area load, daN/cm² (+/- 12%)	1,0	1,1

Subject to technical modifications. Errors excepted.

Measurements



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dealer stamp

Compact. Strong. Efficient.

E-line 78 & 92



Small size, big performance.



The illustration shows the machine including airfilm side-tables LST 750 with stainless steel surface, rustproof.

Uncompromising quality.

We know that a highspeed guillotine must be able to provide problem free performance under non stop working conditions. At Schneider Senator we're proud of our decades of experience in manufacturing guillotines for every cutting width. That's why our E-Line machines are designed around a solid cast iron frame. Longevity is guaranteed by a proven mechanical-hydraulic construction. In most cases this compact machine doesn't need to be anchored to the shop floor. Its direct power drive requires no clutch, flywheel or similar wearing parts. As a result, it is exceptionally dependable, quiet and energy efficient. The Senator E-Line is ideal for small printing shops requiring reliable, non-stop performance.

During the development phase of the E-Line, we took great pains to ensure user-friendly operations. Knife changes, for example, can be performed easily and quickly without the operator having to leave his station. The knife adjustment is located at the front of the machine. The knife draw rod never needs to be adjusted.

All grease nipples are located at the outside of the machine. The standard stainless steel airfilm side tables make working with the E-Line a breeze. They are a great asset when it comes to handling heavy stock.

The heart of the E-Line is the computer-control in type 'C' (5' TFT-colour monitor), type 'CP' (10,4' TFT-colour monitor) or type 'CT' (10,4' TFT-touch-screen colour-monitor). It has been developed inhouse exclusively for our guillotines. The ergonomically designed keyboard puts the easy to understand icons within easy reach. Its capacity with 6000 steps and unlimited number of programmes is more than you'll ever need. The service diagnostic programme, as well as the fully automatic repeat cut function are standard. Learning how to operate this problem free machine is exceptionally easy. After all, we know what you want: flexibility, not headaches.

Everything under control: The computer control

Different control types	'C'	'CP'	'CT'
TFT-colour monitor	5 inch	10,4 inch	10,4 inch
Alphanumeric flat-foil keyboard with logical key blocks and mechanical pressure point keys	x	x	x
Touch-screen soft keys			x
Memory capacity: 5700 steps	6000 steps	6.000 steps	6.000 steps
Number of programmes	unlimited ¹⁾	unlimited ¹⁾	unlimited ¹⁾
Diverse-redundant cutting system (two independent, mutually verifying microprocessors)	x	x	x
Graphic display of the programme flow			x
Incorrect cut control (no cut release when position tolerance is exceeded)	x	x	x
Execution of desired dimensions, without disturbing the original programme	x	x	x
Measuring system: inches/mm/cm	x	x	x
Indication of free storing spaces	x	x	x
Measurement precision: 1/100 mm	x	x	x
Service cut counter	x	x	x
Programmable cut counter	x	x	x
Air on/off	x	x	x
Fault diagnosis	x	x	x
Calculator function	x	x	x
Time and date display	x	x	x
Programme erase protection	x	x	x
Data protection in case of power failure	x	x	x
Language selection	x	x	x
IC-memory-card			x
CIP 3/4-compatible			x ²⁾
Serial interface			x ²⁾
Logging the operational data			x ²⁾
Printer port			x ²⁾

Programming options:

Simple cut, repeat cut, programme cut	x	x	x
Digitally adjustable pre-press time	x	x	x
Differential measurement	x	x	x
Programming by value input or actual transmission	x	x	x
Infinitely variable backgauge speed	x	x	x
Function "no cut"	x	x	x
Linear programme correction facility	x	x	x
Percentagewise programme correction facility			x
Automatic paper ejection and programmable paper ejection marks	x	x	x
Operator information programmable			x
Cut optimizer			x
External functions, external programming			x

¹⁾ Only limited by max. steps to be stored, ²⁾ option

The E-Line is fully equipped.

- High-speed cutter Senator E-Line 78 & 92 with mechanical knife drive and hydraulic clamp
- Computer-control with TFT-colour monitor
- Frequency-controlled backgauge drive, ball race lead screw
- Closed rear table
- Solid cast iron frame
- Infrared safety curtain
- CE & EN 1010 - conform
- Safety bolt
- Airfilm table with stainless steel surface, rust-proof
- Side tables, left- and righthand side, each with airfilm and stainless steel surface, rust-proof
- Optical cut line indicator
- Knife change and knife adjustments at the front of the machine
- 2 HSS-knives
- 5 Sinus cutting sticks
- Clamp cover plate
- Tools
- Colour: RAL 7035, light grey

Options: The extras

- Tungsten carbide knife
- Various side table sizes available
- Raising of working height/ isoloc vibration absorber
- Narrow clamp cover plate (50 mm instead of 70 mm)
- Special colour according to RAL-Scale
- Miscellaneous peripheral equipment
- CIP3/4-processing