

IDEAL

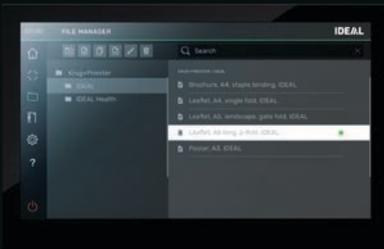
The perfect IDEAL
cutting machine for
any requirement.



Model overview / **Cutting machines**

THE 56. Redefining efficient guillotining.

Next-generation programmable powered guillotine – for increased efficiency and productivity by working smarter. Well-designed digital functions, intuitive controls, and easy to use: THE 56 makes guillotine work easier and more satisfying than ever – even on demanding projects. Enjoy optimised workflows and flawless precision.



Intuitive software with comprehensive features and operation via touch and swipe gestures – just like a tablet or smartphone.



Beautifully simple. The smart graphical user interface enables innovative control, programming and easy project handling.



More info
on THE 56:
ideal.de

40%

faster clamping and cutting
than the previous series

50%

higher maximum clamping
pressure than the previous series

100%

faster backgauge than
the previous series



Precise cutting edges for every cut and every type of paper: standard when working with THE 56. Of course, there is sophisticated technology behind this, but we have gone even further. The clever construction with the cleverly placed controls also ensures pleasantly smooth work-flows – so you effortlessly achieve the best cutting results.

A 15.6" multi-touch display

Functional graphical user interface for intuitive tablet-like work and clear main screen with intelligently split display. The tilt adjustable display can be ergonomically adapted to body height and lighting conditions.

B PRECISION DRIVE

The manual fine adjustment of the backgauge ensures maximum precision – user-friendly via the ergonomic control element at the front of the machine.

C EASY-TOUCH cut activating

Safe true two-hand operation: A cut can be executed conveniently and safely by means of the EASY-TOUCH blade activating buttons with integrated optical signals indicating the operational status.

D Mechanical foot clamp

Ergonomic foot pedal for independent mechanical pre-clamping or as a mechanical cutting line indicator.

THE 56

Well-designed – best equipment for best results. Made in Germany. Next-generation programmable powered guillotine. With IR light beam safety curtain and hydraulic clamp drive.

- Comprehensive SCS safety package
- Intuitive software with comprehensive features
- Electro-mechanical precision blade drive and hydraulic clamp drive
- Clamp bar with infinitely programmable adjustment of the required clamping pressure via the touchscreen
- Individually adjustable, ergonomic table height
- Blade made from high-quality steel
- Ergonomically accessible blade depth adjustment on the front of the machine (patent-pending)
- Integrated cutting stick change function
- Integrated tool storage at the front of the machine
- Lift truck compatible stand with storage shelf

Optional accessories (at an extra cost):

- Additional side tables (1 set; left and right)
- Cladding panels for stand
- Mobile container for cutting material



Side tables and stand cladding panels available as an option.

| | THE 56 |
|---|---|
| Cutting length, mm | 560 |
| Cutting height, mm | 80/77 ¹ |
| Narrow cut, mm | < 15/60 ¹ |
| Table depth, mm | 560 |
| Dimensions, mm (H x W x D) | 1523 x 979/1779 ² x 1211 |
| Power supply (other voltages available) | 230 V / 50 Hz |
| Weight, kg | 303 / 316 ² / 328 ³ |

¹ with false clamp installed ² with side tables ³ with side tables and cladding panels

Guillotines

Electro-mechanical or hydraulic –
with IR lightbeam safety curtain



 **Made in Germany**

| | 4860 | 5260 | 6660 |
|---|------------------------------------|-------------------------------------|-------------------------------------|
| Cutting length, mm | 475 | 520 | 650 |
| Cutting height, mm | 80 | 80 | 80 |
| Narrow cut, mm | 35 | 35 | 25 |
| Table depth, mm | 450 | 520 | 610 |
| Blade drive | electromechanical | electromechanical | electromechanical |
| Clamping system | automatic clamp | automatic clamp | automatic clamp |
| Foot pedal for pre-clamping | — | — | — |
| Backgauge | electric | electric | electric |
| Manual backgauge setting | electronic hand wheel | electronic hand wheel | electronic hand wheel |
| Measurement indication | digital display (mm/inches) | digital display (mm/inches) | digital display (mm/inches) |
| Electronic control for backgauge | touch pad | touch pad | touch pad |
| Program mode | 99 programs, 99 steps | 99 programs, 99 steps | 99 programs, 99 steps |
| Air table (air jets on front and rear table) | — | — | — |
| Optical cutting line indicator with bright LEDs | ● | ● | ● |
| IR light beam safety curtain on front table | ● | ● | ● |
| Three-step front table illumination | ● | ● | ● |
| EASY-CUT (patented blade activating bars) | ● | ● | ● |
| Practical hook-in tool holder on back table | ● | ● | ● |
| Optional accessories (at an extra cost) | set of side tables | set of side tables | set of side tables |
| Dimensions, mm (H x W x D) | 1296 x 762/1349 ³ x 992 | 1293 x 860/1436 ³ x 1126 | 1293 x 992/1565 ³ x 1220 |
| Power supply ⁵ | 230 V / 50 Hz / 1.42 KW | 230 V / 50 Hz / 1.42 kW | 230 V / 50 Hz / 1.42 KW |
| Weight, kg | 232 / 241 ³ | 257 / 266 ³ | 312 / 321 ³ |



IR safety curtain

The light beam safety curtain on the professional guillotines ensures the highest level of safety and cutting convenience.



Easy-to-use touch pad

Extremely convenient: Electronic, programmable control module for the power backgauge with multilingual touch pad.



EASY-CUT activating bars

The innovative cutting system with convenient two-hand operation via patented blade activating bars.



Electronic hand wheel

Ideal for manual backgauge positioning, the electronic hand wheel has infinitely variable speed control (from very slow to very fast).



with optional side tables



with optional side tables

| 5560 | 5560 LT | 7260 LT |
|--------------------------------------|--------------------------------------|--|
| 550 | 550 | 720 |
| 95/92 ⁴ | 95/92 ⁴ | 80/78 ⁴ |
| 32/60 ⁴ | 32/60 ⁴ | 20/90 ⁴ |
| 570 | 570 | 720 |
| hydraulic | hydraulic | electromechanical |
| hydraulic clamp | hydraulic clamp | hydraulic clamp |
| ● | ● | ● |
| electric | electric | electric |
| electronic hand wheel | electronic hand wheel | electronic hand wheel |
| digital display (mm/inches) | digital display (mm/inches) | digital display (mm/inches) |
| touch pad | touch pad | touch pad |
| 99 programs, 99 steps | 99 programs, 99 steps | 99 programs, 99 steps |
| — | ● | ● |
| ● | ● | ● |
| ● | ● | ● |
| ● | ● | ● |
| ● | ● | ● |
| ● | ● | ● |
| ● | ● | ● |
| set of side tables | set of side tables | set of side tables |
| 1370 x 1070/1630 ³ x 1400 | 1370 x 1070/1630 ³ x 1400 | 1335 x 1305/2100 ³ x 1540/1600 ³ |
| 230 V / 50 Hz / 1.5 KW | 230 V / 50 Hz / 1.5 KW | 400 V / 50 Hz / 3P+N+PE / 1.9 KW |
| 369 / 386 ³ | 369 / 386 ³ | 588 / 628 ³ |

³ with side tables ⁴ with false clamp ⁵ other voltages available



Optical cutting line

The optical cutting line indicator with especially bright and durable LEDs guarantees easy alignment of cutting marks for precise cuts.



Practical tool holder

The practical hook-in tool holder is placed on the back table and keeps all necessary tools for blade change and service jobs within reach.



Large 7-inch touch pad

Professional control module for the programmable power backgauge with multi-lingual touch pad (models 5560 and 7260).



Air table

The front and rear table of selected cutters are equipped with air jets for easy and effortless handling of large paper stacks (5560 LT and 7260 LT).

Guillotines

Electro-mechanical



| | 4815 | 4850 |
|--|--|--|
| Cutting length, mm | 475 | 475 |
| Cutting height, mm | 80 | 80 |
| Narrow cut, mm | 30 | 30 |
| Table depth, mm | 458 | 458 |
| Blade drive | electromechanical | electromechanical |
| Clamping system | spindle clamp | automatic clamp |
| Backgauge | manual | manual |
| Manual backgauge setting | hand crank | hand crank |
| Measurement indication | digital display (mm/inches) on front table | digital display (mm/inches) on front table |
| Electronic control for backgauge | — | — |
| Program mode | — | — |
| Blade made of German high quality steel | ● | ● |
| Optical cutting line indicator with bright LEDs | ● | ● |
| Electronically controlled safety cover on front table | ● | ● |
| Practical stand and storage shelf (standard equipment) | ● | ● |
| EASY-CUT patented blade activating bars (two-hand operation) | ● | ● |
| Practical hook-in tool holder on back table | ● | ● |
| Optional accessories (at an extra cost) | set of side tables | set of side tables |
| Dimensions, mm (H x W x D) | 1410 x 762/1349 ³ x 1053 | 1296 x 762/1349 ³ x 1053 |
| Power supply ⁵ | 230 V / 50 Hz / 1.1 KW | 230 V / 50 Hz / 1.42 KW |
| Weight, kg | 212 / 221 ³ | 225 / 234 ³ |



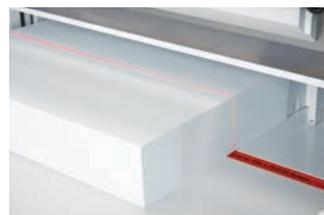
Practical tool holder

The practical hook-in tool holder is placed on the back table and keeps all necessary tools for blade change and service jobs within reach.



EASY-CUT activating bars

The innovative cutting system with convenient two-hand operation via patented blade activating bars.



Optical cutting line

The optical cutting line indicator with especially bright and durable LEDs guarantees easy alignment of cutting marks for precise cuts.



Digital measurement readout

The digital measurement readout allows an exact positioning of the backgauge, which is set by a hand crank.



| 4855 | 5255 | 6655 |
|------------------------------------|-------------------------------------|-------------------------------------|
| 475 | 520 | 650 |
| 80 | 80 | 80 |
| 35 | 35 | 25 |
| 450 | 520 | 610 |
| electromechanical | electromechanical | electromechanical |
| automatic clamp | automatic clamp | automatic clamp |
| electric | electric | electric |
| electronic hand wheel | electronic hand wheel | electronic hand wheel |
| digital display (mm/inches) | digital display (mm/inches) | digital display (mm/inches) |
| touch pad | touch pad | touch pad |
| 99 programs, 99 steps | 99 programs, 99 steps | 99 programs, 99 steps |
| • | • | • |
| • | • | • |
| • | • | • |
| • | • | • |
| • | • | • |
| • | • | • |
| • | • | • |
| set of side tables | set of side tables | set of side tables |
| 1296 x 762/1349 ³ x 992 | 1293 x 860/1436 ³ x 1120 | 1293 x 992/1565 ³ x 1220 |
| 230 V / 50 Hz / 1.42 kW | 230 V / 50 Hz / 1.42 KW | 230 V / 50 Hz / 1.42 KW |
| 228 / 237 ³ | 252 / 261 ³ | 302 / 311 ³ |



Transparent safety guard
The electronically secured front safety guard swings out of the way easily and allows safe and convenient cutting.



Easy-to-use touch pad
Extremely convenient: Electronic, programmable control module for the power backgauge with multilingual touch pad.



Electronic hand wheel
Ideal for manual backgauge positioning, the electronic hand wheel has infinitely variable speed control (from very slow to very fast).

³ with side tables ⁵ other voltages available



Optional side tables
A set of side tables provides additional storage space and is available for all guillotines starting with model 4815 at an extra cost.

Office guillotines



Made in Germany



(stand optional)

| | 4305 (table top model) |
|---|------------------------------------|
| Cutting length, mm | 430 |
| Cutting height, mm | 40 |
| Narrow cut, mm | 34 |
| Table depth, mm | 435 |
| Blade drive | manual |
| Clamping system | patented "fast flick" action clamp |
| Backgauge | manual |
| Manual backgauge setting | hand crank |
| Measurement indication | measuring scale (mm/inches) |
| Safety cover on front table | ● |
| Blade safety device | manual |
| Blade made of German high quality steel | ● |
| Solid steel blade carrier and adjustable blade guides | ● |
| Optical cutting line indicator with bright LEDs | — |
| EASY-CUT patented blade activating bars | — |
| Optional accessories (at an extra cost) | stand |
| Dimensions, mm (H x W x D) | 400/1150 ¹ x 880 x 880 |
| Power supply ⁵ | — |
| Weight, kg | 44 / 54 ¹ |



Blade lever

Effortless cutting: Safety blade lever with ergonomically designed handle and patented overload protection while cutting.



Scale for backgauge

The accurate backgauge and side lays are made from cast aluminium and allow precise alignment of the paper stack.



"Fast flick" action clamp

Efficient cutting is guaranteed by the "fast flick" action clamp. Insert paper stack, throw the lever to tighten – cut.



Safe blade change

Safe and convenient blade change without removing covers. Blade changing device covers cutting edge of blade to protect the operator.



(stand optional)



(cabinet optional)

4315 (table top model)

| |
|--|
| 430 |
| 40 |
| 35 |
| 435 |
| electromechanical |
| patented "fast flick" action clamp |
| manual |
| hand crank |
| digital display (mm/inches) |
| ● (electronically controlled) |
| electronic |
| ● |
| ● |
| ● |
| ● |
| stand or cabinet |
| 355/1085 ¹ /1080 ² x 640 x 870 |
| 230 V / 50 Hz / 0.45 KW |
| 81 / 91 ¹ / 113 ² |

4350 (table top model)

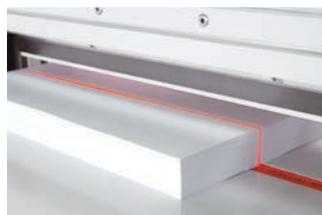
| |
|--|
| 430 |
| 40 |
| 35 |
| 435 |
| electromechanical |
| patented automatic clamp |
| manual |
| hand crank |
| digital display (mm/inches) |
| ● (electronically controlled) |
| electronic |
| ● |
| ● |
| ● |
| ● |
| stand or cabinet |
| 355/1085 ¹ /1080 ² x 640 x 870 |
| 230 V / 50 Hz / 0.45 KW |
| 86 / 96 ¹ / 118 ² |



Cutting stick change
Turning or exchanging the cutting stick can easily be managed from the outside of the guillotine without using any tools.



Digital measurement readout
The digital measurement readout allows exact positioning of the backgauge. The indication accuracy of the digital display is 1/10 mm (models 4315 and 4350).



Optical cutting line
The optical cutting line indicator with especially bright and durable LEDs guarantees easy alignment of cutting marks for precise cuts (models 4315 and 4350).



EASY-CUT activating bars
The innovative cutting system with convenient two-hand operation via patented blade activating bars (models 4315 and 4350).

¹ with stand ² with cabinet ³ other voltages available

Trimmers

 **Made in Germany**



| | 1133 | 1142 | 1135 | 1046 |
|--|---------------------|---------------------|-----------------------|-----------------------|
| Cutting length, mm | 340 | 430 | 350 | 460 |
| Cutting capacity in sheets (paper, 70 g/m ²) | 15 | 15 | 25 | 30 |
| Format indications | A6–A4 / photo sizes | A6–A4 / photo sizes | A6–A4 / letter size | A6–A3/American sizes |
| Resharpenable blades | — | — | ● | ● |
| Clamping | manual clamp bar | manual clamp bar | automatic / EASY-LIFT | automatic / EASY-LIFT |
| Blade guard | guard on clamp bar | guard on clamp bar | stationary | stationary |
| Side lay | ● | ● | ● | ● |
| Backgauge | ● | ● | ● | ● |
| Front gauge | — | — | — | — |
| Calibrated rotary knob for front gauge | — | — | — | — |
| Narrow strip cutting device | — | — | — | — |
| Measuring scale | mm | mm | mm / inches | mm / inches |
| Solid all-metal construction | — | — | ● | ● |
| Table size, mm, W x D | 250 x 340 | 250 x 430 | 304 x 385 | 356 x 510 |
| Dimensions, mm, H x W x D | 85 x 290 x 570 | 85 x 290 x 660 | 325 x 340 x 585 | 385 x 390 x 700 |
| Weight, kg | 2.5 | 3 | 4.5 | 7.5 |



Blades from 'Solingen Steel'
The high-quality upper and lower blades can be resharpened (models IDEAL 1135 - IDEAL 1110).



Backgauge and scale
The format indications printed on the cutting tables allow accurate trimming to the desired size.



Convenient handle
An ergonomically designed handle fits the hand perfectly and guarantees fatigue-free operation.



Cutting line indicator
The red cutting line indicator, which is integrated into the clamp bar, allows precise aligning of the paper to be cut.



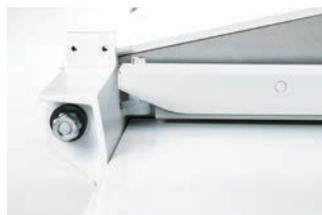
| 1138 | 1158 | 1171 | 1110 |
|---------------------|------------------------|------------------------|---------------------------------------|
| 385 | 580 | 710 | 1100 |
| 50 | 40 | 40 | 20 sheets / 4 mm |
| A6-A4 / letter size | A6-A3 / American sizes | A6-A3 / American sizes | A6-A3 / American sizes |
| ● | ● | ● | ● |
| manual clamp | manual clamp | manual clamp | foot pedal |
| automatic | automatic | stationary | stationary |
| ● | ● | ● | ● |
| ● | ● | ● | ● |
| — | — | — | ● |
| — | — | — | ● |
| — | — | — | ● |
| mm / inches | mm / inches | mm / inches | mm / inches |
| ● | ● | ● | ● (machine frame) |
| 356 x 403 | 356 x 604 | 506 x 765 | 760 x 1100 |
| 260 x 380 x 575 | 260 x 390 x 800 | 520 x 540 x 970 | 1360 x 830 / 1060 ¹ x 1390 |
| 8 | 13 | 21 | 60 |



EASY-LIFT
The patented paper release lever lifts up the automatic clamp for convenient removal of the paper from the cutting table.



Manual clamp
With this solid manual clamping device a variable clamp pressure can be applied depending on the material to be cut.



Solid blade mounting bracket
Cast aluminium blade mounting bracket with double pivot bearings for the blade axle guarantees highly accurate rectangular cuts and a long service life.



Front gauge and side table
Practical: A fold-away extension table supports the material to be cut and is especially useful in combination with the adjustable front gauge.

¹ Fold-away extension table in working position

