



Professional 'M' Series

The Rotatrim - Professional 'M' Series



Originally designed to meet the exacting requirements of the professional photographer, the Professional 'M' Series has over the past 40 years, become the de facto standard for many applications where the ultimate in quality and reliability are paramount. Many hundreds of thousands of machines are tested 'day in, day out' in dark rooms, photo labs, design

houses, schools and colleges, to name but a few. The precision engineered, virtually silent glide cutting action coupled with extreme accuracy, outstanding robustness and reliability are often cited as the main reasons why the Professional 'M' Series is "the machine by which all others are judged".

Rotatrim
THE WORLD'S FINEST ROTARY CUTTING EQUIPMENT

Why compromise..?

HAND BUILT BY SKILLED ENGINEERS, IN ENGLAND

All Professional 'M' Series machines are hand built to exacting standards by a small team of highly skilled engineers. Rotatrim's ISO9001:2008 quality procedures ensures, that at every stage, of manufacture the product is checked for accuracy. Through the experience of building many thousands of machines, each of the engineers is able to tell if a machine is cutting correctly, just from the sound of the machine.

Rotatrim would welcome a visit to the our facilities, by any existing or potential customer, where you can see for yourself the; professionalism, attention to detail and 'care' that is put into each and every machine.



STEEL ROTARY & FLAT BLADES, ENGINEERED IN SHEFFIELD

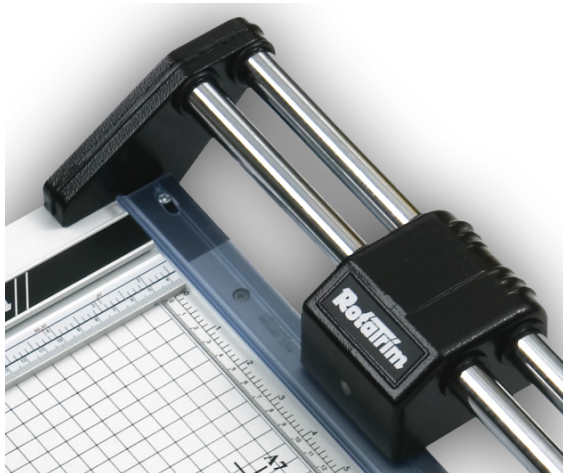
The extreme accuracy that is achieved by a Rotatrim trimmer, is not by chance.! It is the culmination of over 40 years of understanding of the ideal relationship between the blades to achieve the 'perfect cut', every time.

The materials used, the precise bevel angle on the flat blade, the complex 'dishing' on the rotary blade and the finishing processes to ensure consistent accuracy on every single blade, all contribute to achieving as close to perfection as is possible, every time you use your Rotatrim.

TWIN CHROMED STEEL GUIDE RAILS

The Professional 'M' Series was designed from the outset to offer the ultimate in cut precision and quality. Even when using the highest quality blades, which have been engineered to offer an extremely precise cutting point, any movement in the relationship of the blades to each other can result in a less than perfect cut.

The twin guide rails, ensure that the cutting head and therefore the rotary blade, is always perpendicular to the counter (flat) blade and that the precise cutting point, which is essential to ensuring the perfect cut is made, each and every time.



CAST METAL CUTTING HEAD AND END FRAMES

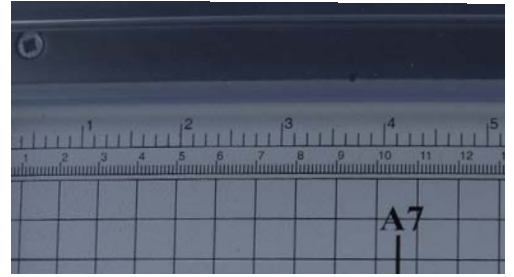
Both the cutting head and end frames of the Professional 'M' Series are cast from zinc and then painted, to offer an attractive finish.

The all metal construction of these highly important parts, ensures that the machine is not only extremely robust, it also works in tandem with the twin guide rails to add to the overall rigidity of the machine thereby completely eliminating head swivel during the cutting process. The elimination of cutting head swivel offers unrivaled levels of cut accuracy, both in terms of straightness and with virtually zero feathering of the work.

CLEAR EXTRUDED PLASTIC CLAMP-STRIP

The clear extruded plastic clamp strip is an integral part of the overall cutting mechanism, as it mates with the rotary blade roller, to assist with the smooth running of the head during trimming.

The clamp strip also securely locks the work such that it does not move during the trimming process. However, as it is extruded, there are no sharp edges, which could cause scratching or unsightly marks on a print during the cut - the clear material which is used also aids with the accurate placement of the work prior to the cut.



PRECISION RULE & CURSOR

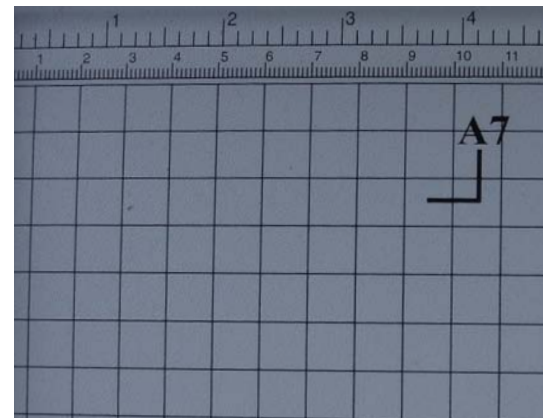
The extruded aluminum rule, allows for both accurate measurement of the work prior to trimming and is configured to be at precisely 90° to the flat blade, such that every cut is perfectly square.

The anodized aluminum cursor, allows for easy repeat cutting of the same size work for those jobs where more than one item is to be trimmed.

EASY USE & CLEAN GRIDDED BASEBOARD

The high quality melamine coated baseboard, not only offers an extremely sturdy work platform, it is also low friction which ensures that the work can be offered up to the cutting blade, easily and quickly.

The baseboard is gridded with an extremely useful cm grid, both metric and imperial rules both along the top and side of the machine and 'A' paper sizes are also marked on the baseboard to allow for easy trimming of these common sizes.



A MACHINE TO BE PROUD OF...

At Rotatrim we are extremely proud of each and every machine which leaves the factory. So confident are we in the quality of the materials used and of the overall quality of the machine, that we not only offer a 5 years guarantee against faulty workmanship we also offer lifetime 'labour free' servicing.

Unlike many other trimmer suppliers, Rotatrim is not a stationary company, that sells trimmers as a small part of our product range. The core 'ethos' at Rotatrim is that the physical product is only part of the overall Rotatrim offering and that customer service and support is highly important to us as a business. By purchasing a Rotatrim machine, you are not only buying a product of exceptional quality, you are also buying the confidence that should you need us, we will be here to help.

We are often called upon to service or supply spare parts for machines, 20, 30 even 40 years old, which we take great pleasure in undertaking - how many other companies can say the same.?



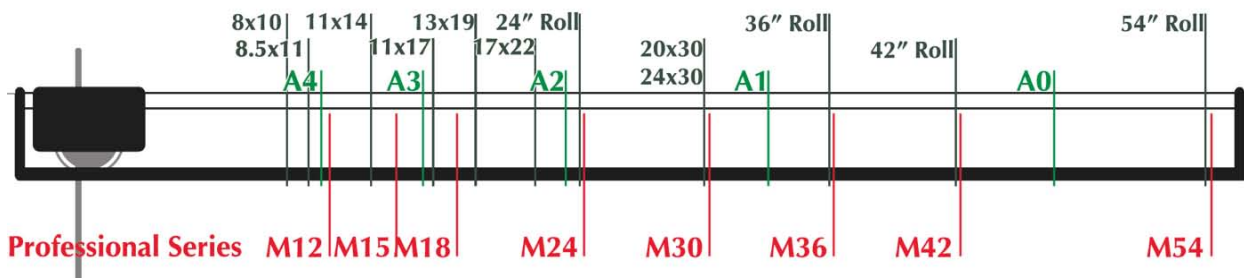
Material Cut Guide

The Professional range will cut more than just Photo paper, some examples of the media that the machine is known to cut are shown below: -

- Canvas
- Card
- Cellophane
- Cibachrome
- Cork
- Corrugated Card
- Crepe Paper
- Digital Prints
- Felt
- Floor Graphics
- Heatseal
- Honeycomb
- Foil
- Inkjet Paper
- Kraft paper
- Laminations
- Paper
- Photo Paper
- Photo Film
- Polyester
- Polystyrene
- Posters
- Reflective Film
- Self Adhesive Film
- Tissue Paper
- Transparencies
- Veneers
- Vinyl

The Professional Range will also cut most flexible materials up to the machine's maximum cut thickness. Please call Rotatrim and ask if you have a specific requirement

Machine Cut Length Guide



Machine Overview Technical Specification

PROFESSIONAL 'M' SERIES		12	15	18	24	30	36	42	54	
Cut Length	mm (inches)	305 (12)	382 (15)	455 (18)	610 (24)	763 (30)	914 (36)	1068 (42)	1374 (54)	
Machine Length	mm (inches)	471 (18½)	547 (21½)	610 (24)	778 (31)	928 (36½)	1080 (42½)	1234 (49)	1539 (61)	
Machine Width	mm (inches)	400 (16)								
Machine Weight	Kg (lbs)	4.9 (10.8)	5.3 (11.7)	6.0 (13.2)	7.1 (15.6)	8.5 (18.7)	8.9 (19.6)	10.5 (23.1)	12.0 (26.4)	
Maximum Cut Depth	mm (inches)	3.0 (.118")					2.0 (.079")		1.5 (.06")	1.5 (.06")
Base Board	Smooth Melamine coated MDF, gridded with horizontal and vertical rules in metric & imperial									
End Frames	Cast Zinc for ultimate strength and rigidity									
Cutting Head	Cast Zinc - single part design for ultimate strength and rigidity									
Guide Rails	Virtually silent glide, twin Chrome plates steel tubes eliminated cutting head swivel									
Rotary Blade	Sheffield Steel Self Sharpening Rotary Blade for the ultimate in precision & longevity									
Flat Blade	Sheffield Steel Flat 'Counter' Blade is engineered to be straight and accurate to 0.02% over the length of the blade									
Clamping of Work	Extruded Clear Plastic Clamping Mechanism ensure totally accurate placement & clamping of work									
Rule	Extruded Aluminium Side Rule in both mm and inches, ensures both accurate measurements and a datum for highly accurate 90° trimming									
Overload Protection	RCC (Rotatrim Cut Control) plate, makes is virtually impossible to overload the machine (M24 and above)									
Optional - 2 way Cut	2 way cutting can also be 'user' enabled, where the maximum cut depth will not be breached									
Duty Cycle	Heavy Duty Life-cycle, designed to be used - Many times, every Day									
Design Usability	Designed to be simple and safe to use - day in, day out									
Guarantee	Rotatrim 5 Year Guarantee + Lifetime Labour Free Servicing - Rotatrim will only ever charge for the parts required and will never charge any labour on any repair or service.									

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