

# ***Rotabroach<sup>®</sup>***

THE ORIGINAL NAME IN HOLE CUTTING SYSTEMS



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## About Rotabroach

Rotabroach is the original name in annular cutting technology. With over 40 years of experience in our industry, we have developed the perfect platform to deliver superior solutions for your cutting requirements.

We pride ourselves on our product quality and excellent customer service, with our goal being to develop and maintain long term relationships with our partners.

Rotabroach was acquired by the OSL Group in 2002 to sit alongside its portfolio of manufacturing businesses within the UK.

## Our Products

Rotabroach products have been developed through years of experience and engineering capabilities. Our products are all specifically designed for Rotabroach with robustness, quality and value for money in mind. All of our products are rigorously tested on a regular basis against both our own standards and competitor products to ensure we are leading the way with our comprehensive product range.

## Our People

Through continuous investment in our staff we ensure that they are trained with full product knowledge to be able to offer you the most cost effective cutting solution for all of your applications.

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# INTRODUCTION TO MAGNETIC DRILLS

For over 40 years Rotabroach have been leading the way in magnetic drill design and manufacture. Built to last, Rotabroach drills are compact and lightweight with powerful motors giving you superior performance you can rely on.

We cater for all of your cutting requirements with our machines, ranging from our large and powerful Scorpion to our small and portable Element 30. We continue to improve our product range by introducing new technologies and solutions to meet market needs.



**Rotabroach • The original name for hole cutting systems**



**1) Power**  
When the drill is connected to the power supply, the RED LED will indicate power to the drill.



**2) Magnet ON**  
To turn the magnet ON or OFF, depress the large button on the control panel. A GREEN LED will indicate the magnet is ON.



**3) Motor Switch**  
When the magnet has power the GREEN switch will light up to indicate motor start.

## Cutsmart™

All of our 'Element' machines are fitted with Rotabroach's unique 'CutSmart™' panels designed to increase your tool life and productivity.

Designed for you to get the most out of your machine and your cutters, 'CutSmart™' has an easy to read panel that indicates when you are drilling with too much force, to avoid inappropriate use.

Allow the cutter to do the work and you will find that a much smoother hole and faster drilling time is achieved.



**4) Motor ON**  
Press the GREEN Switch to turn the motor on. Proceed with cutting - following all safety guidelines.

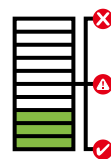


**5) Cutting**  
See diagram to the right for detailed description of the CutSmart™ visual indicator.



**6) Motor OFF**  
To stop the motor press the RED switch. The motor will stop and the magnet will remain on. The GREEN switch will illuminate.

Go back to step 3 to start over.



**Green Zone**  
Perfect, try to keep in the green zone for the best cut and optimum machine performance.



**Yellow Zone**  
A little too much pressure on the drill, ease off to get back to the green zone.

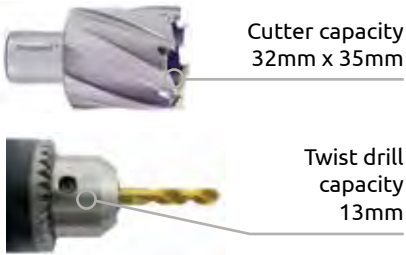
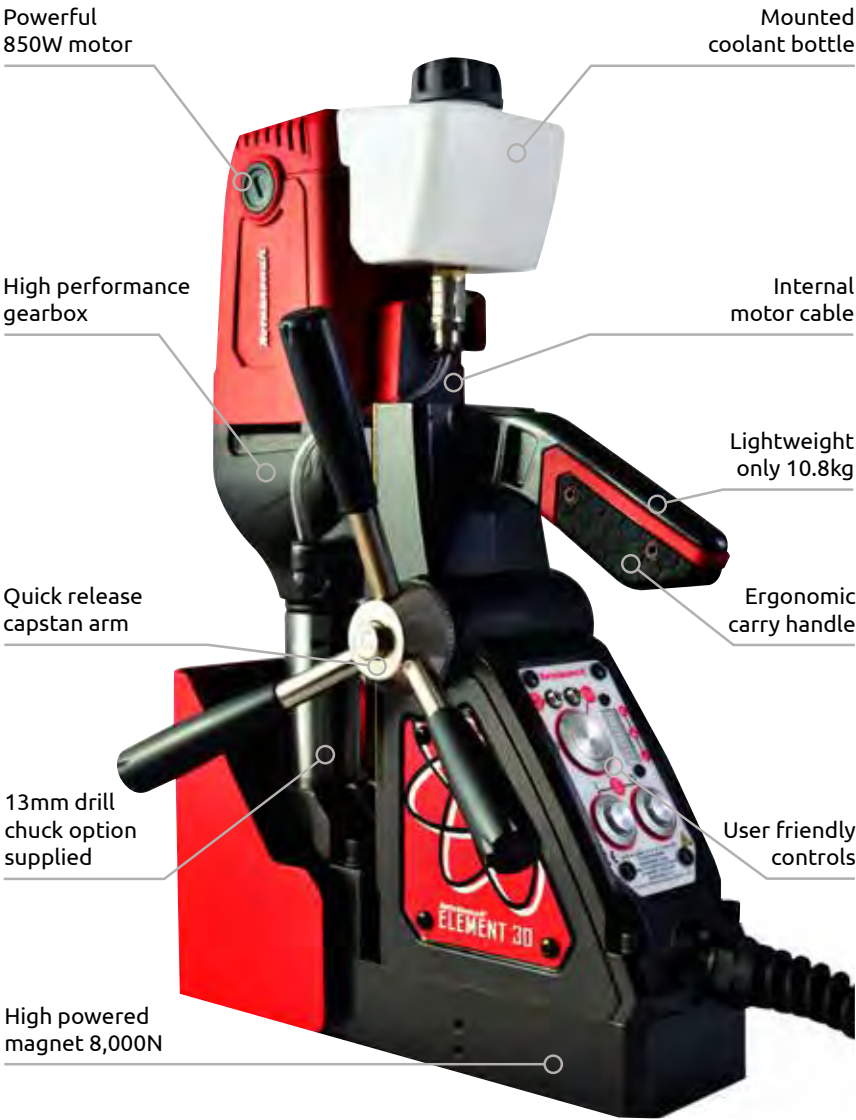


**Red Zone**  
Overload: Back off immediately as too much force will cause the motor to cut off if you continue.

Rotabroach Magnetic Drill Selection Chart | 4



# ELEMENT 30



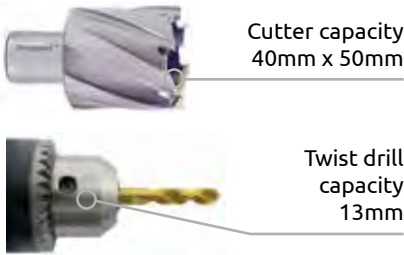
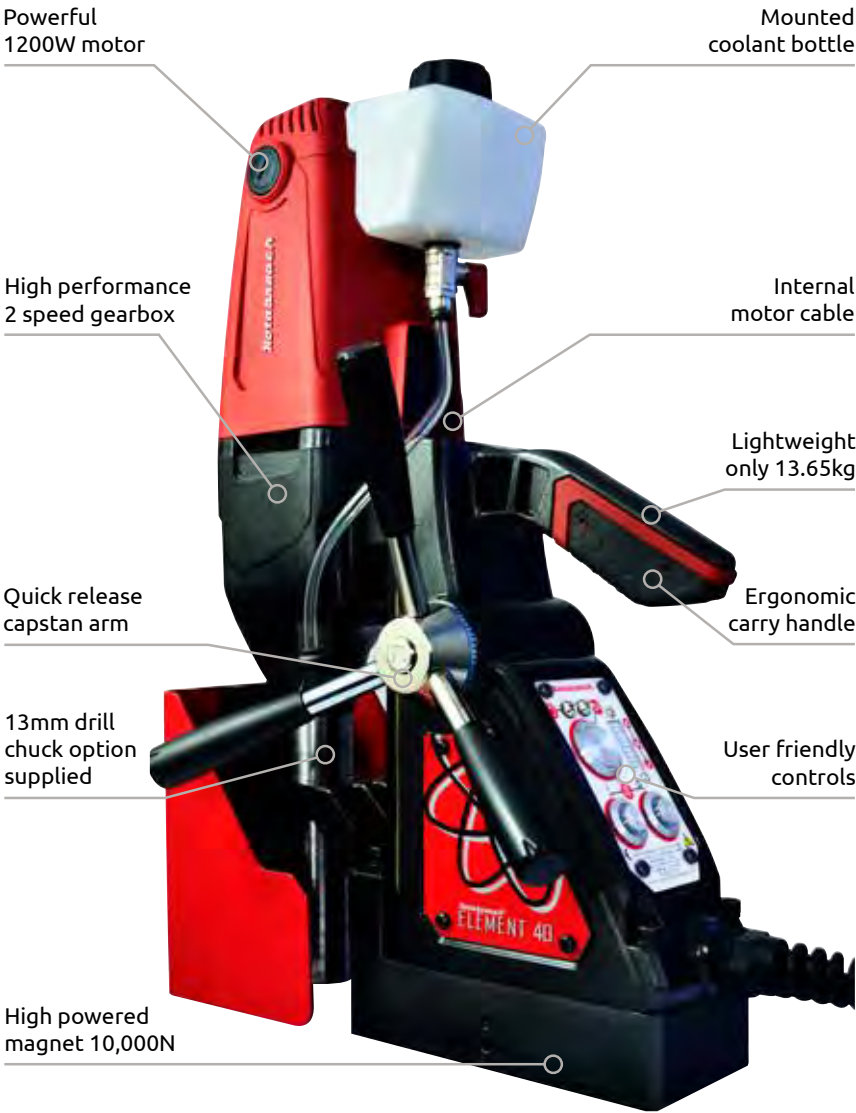
- The 'Element 30' is a combination of power and portability.
- This machine is one of the lightest magnetic based drills in the world.
- Suitable for drilling up to 32mm diameter by 35mm depth.

## Element 30 • Specifications

Model Number	Element 30/1 / Element 30/3
Motor Specification	110V 850W / 230V 850W
No Load RPM	600 RPM
Max Hole Cutting Capacity	ø32 x 35mm Deep
Overall Dimensions	Height 410mm / Width 165mm with Capstan / Length 270mm with Guard
Machine Weight	10.8kg
Magnetic Adhesion	8,000N
Magnet Size	165mm x 80mm
Safety Features	Cutsmart™ Technology / Fixed Guard / Magnetic Detection

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# ELEMENT 40



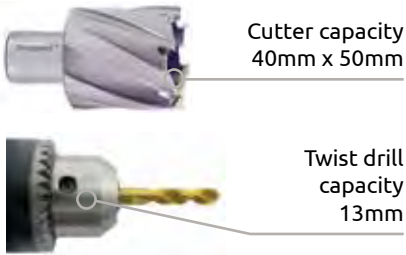
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- The 'Element 40' has a powerful, two speed mechanical gearbox.
  - Small in size but this machine revels in the harshest of environments.
  - Suitable for drilling up to 40mm diameter by 50mm depth.

## Element 40 • Specifications

Model Number	Element 40/1 / Element 40/3
Motor Specification	110V 1200W / 230V 1200W
No Load RPM	Low Gear: 300 RPM / High Gear: 600 RPM
Max Hole Cutting Capacity	ø40 x 50mm Deep
Overall Dimensions	Height 510mm / Width 185mm with Capstan / Length 285mm with Guard
Machine Weight	13.65kg
Magnetic Adhesion	10,000N
Magnet Size	180mm x 90mm
Safety Features	Cutsmart™ Technology / Fixed Guard / Magnetic Detection / Mechanical Clutch

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# COMMANDO 40



- The 'Commando 40' is Rotabroach's most economical machine.
- With a focus on quality, ensuring delivery of the perfect cut every time.
- Suitable for drilling up to 40mm diameter by 50mm depth.

## Commando 40 • Specifications

Model Number	Commando 40/1 / Commando 40/3
Motor Specification	110V 1100W / 230V 1100W
No Load RPM	270 - 610 RPM
Max Hole Cutting Capacity	ø40 x 50mm Deep
Overall Dimensions	Height 510mm / Width 180mm with Capstan / Length 265mm with Guard
Machine Weight	14.2kg
Magnetic Adhesion	8,000N
Magnet Size	165mm x 80mm
Safety Features	Mechanical Clutch / Electronic Overload / Fixed Guard





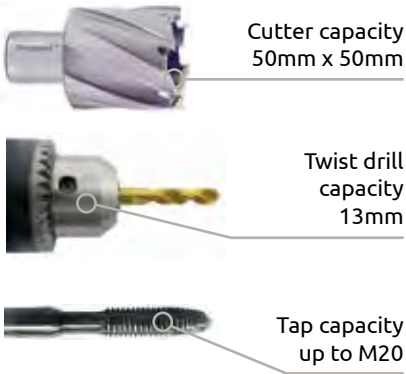
Cutter capacity  
35mm x 25mm



- The 'Adder' is Rotabroach's smallest offering at only 210mm in height.
- With a powerful 1100W motor, the 'Adder' provides power where needed.
- Suitable for drilling up to 35mm diameter by 25mm depth.

## Adder • Specifications

Model Number	CM/705/1A / CM/705/3A
Motor Specification	110V 1100W / 230V 1100W
No Load RPM	650 RPM
Max Hole Cutting Capacity	ø35 x 25mm Deep
Overall Dimensions	Height 210mm / Width 165mm with Capstan / Length 265mm with Guard
Machine Weight	11.2kg
Magnetic Adhesion	15,000N
Magnet Size	165mm x 80mm
Safety Features	Electronic Overload / Removable Guard



- The 'Falcon' is one of Rotabroach's most versatile machines.
- Small in size, with reversible features to allow tapping.
- Suitable for drilling up to 50mm diameter by 50mm depth.

**Falcon • Specifications**

Model Number	CM/405/1A / CM/405/3A
Motor Specification	110V 1250W / 230V 1250W
No Load RPM	Low Gear: 100 - 280 RPM / High Gear: 135 - 500 RPM
Max Hole Cutting Capacity	ø50 x 50mm Deep
Overall Dimensions	Height 550mm / Width 155mm with Capstan / Length 250mm with Guard
Machine Weight	13.5kg
Magnetic Adhesion	18,500N
Magnet Size	170mm x 85mm
Safety Features	Electronic Overload / Mechanical Clutch / Magnetic Detection / Removable Guard



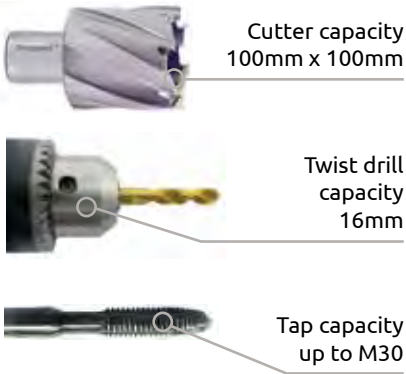
- For heavy duty operations the 'Cobra' is a must for drilling larger holes.
- Compact, lightweight and more portable than other larger machines.
- Suitable for drilling up to 65mm diameter by 50mm depth.

## Cobra • Specifications

Model Number	CM/200/1A / CM/200/3A
Motor Specification	110V 1400W / 230V 1400W
No Load RPM	Low Gear: 150 - 330 RPM / High Gear: 300 - 650 RPM
Max Hole Cutting Capacity	ø65 x 50mm Deep
Overall Dimensions	Height 550mm / Width 200mm with Capstan / Length 270mm with Guard
Machine Weight	17.9kg
Magnetic Adhesion	12,000N
Magnet Size	180mm x 90mm
Safety Features	Mechanical Clutch / Electronic Overload / Fixed Guard

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# SCORPION



- Rotabroach’s ultimate machine with large diameter drilling and cutting depth.
- This heavy duty machine enables you to meet your drilling requirements.
- Suitable for drilling up to 100mm diameter by 100mm depth.

## Scorpion • Specifications

Model Number	CM/500/1A / CM/500/3A
Motor Specification	110V 1900W / 230V 1900W
No Load RPM	45 - 110 RPM / 82 - 180 RPM / 140 - 370 RPM / 224 - 600 RPM
Max Hole Cutting Capacity	ø100 x 100mm Deep
Overall Dimensions	Height 708mm / Width 285mm with Capstan / Length 340mm with Guard
Machine Weight	28.6kg
Magnetic Adhesion	30,000N
Magnet Size	230mm x 110mm
Safety Features	Mechanical Clutch / Electronic Overload / Magnetic Detection / Removable Guard

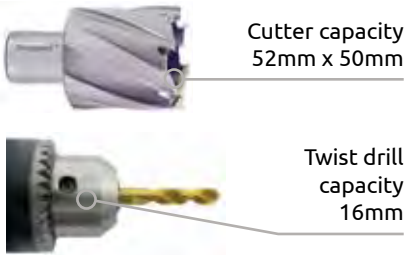
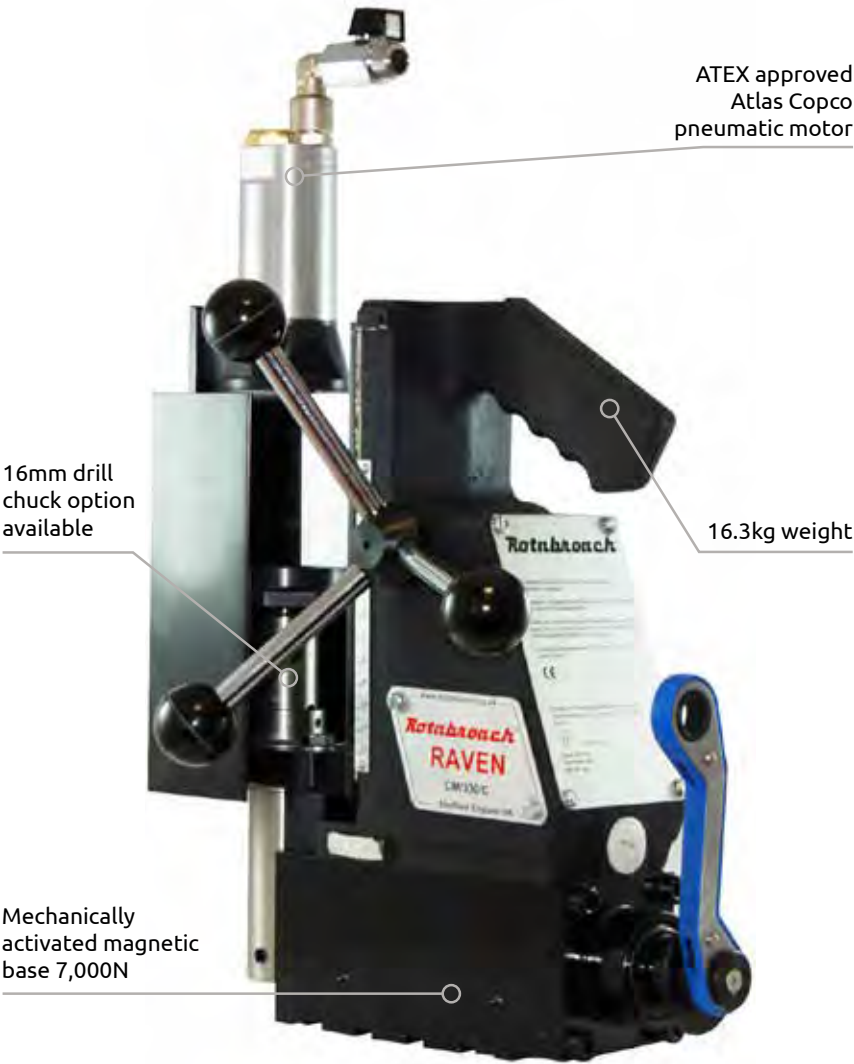




- Designed from anti spark material, perfect for use in corrosive hazardous areas.
- Fully ATEX approved II 2G T4 II D110°C
- Suitable for drilling up to 52mm diameter by 50mm depth.

## Eagle • Specifications

Model Number	RD130C
Motor Specification	13 lts/sec - 28CFM @ 5.5 bar min - 6.9 bar max
No Load RPM	270 RPM
Max Hole Cutting Capacity	ø52 x 50mm Deep
Overall Dimensions	Height 560mm / Width 160mm with Capstan / Length 320mm with Guard
Machine Weight	19.2kg
Magnetic Adhesion	7,000N
Magnet Size	175mm x 75mm
Safety Features	Atlas Copco pneumatic motor for safety in hazardous areas / Fixed Guard

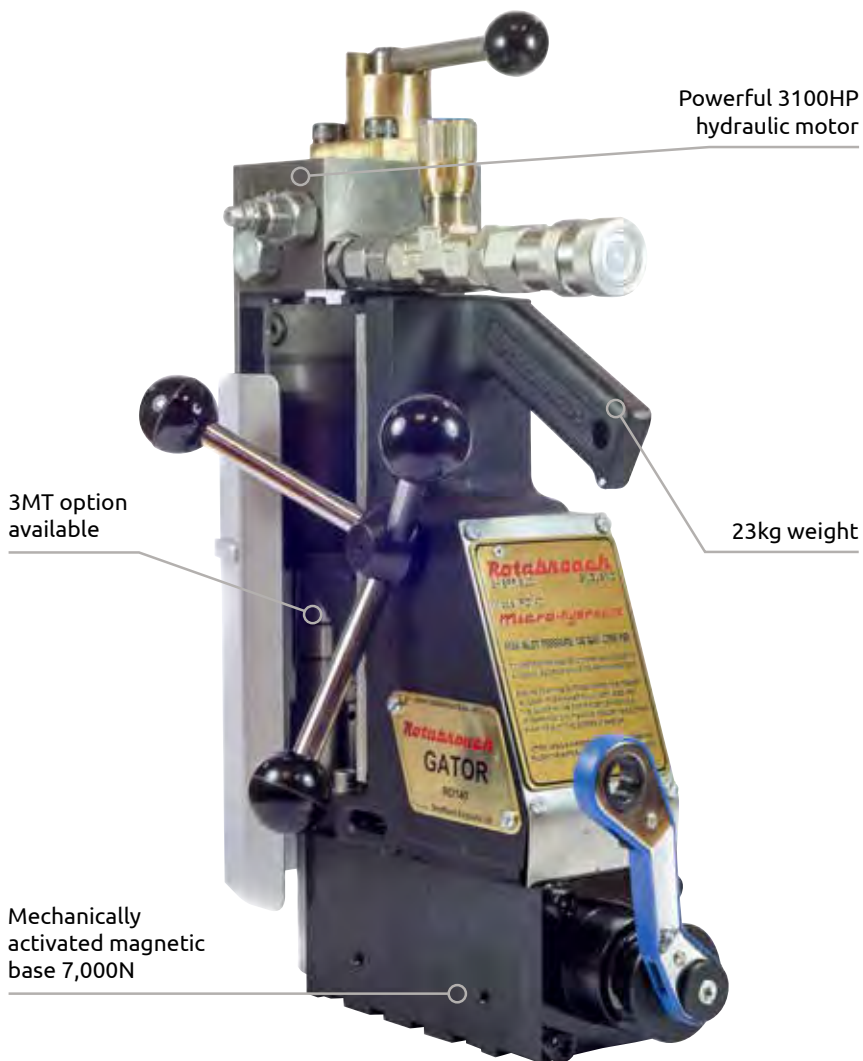


- R

  - Designed for use on pneumatic supplies in non corrosive atmospheres.
  - Lightweight and highly portable.
  - Suitable for drilling up to 52mm diameter by 50mm depth.

Raven • Specifications

Model Number	CM/330/C
Motor Specification	13 lts/sec - 28CFM @ 5.5 bar min - 6.9 bar max
No Load RPM	270 RPM
Max Hole Cutting Capacity	ø52 x 50mm Deep
Overall Dimensions	Height 525mm / Width 165mm / Length 315mm
Machine Weight	16.3kg
Magnetic Adhesion	7,000N
Magnet Size	175mm x 75mm
Safety Features	Fixed Guard



- Used in applications when only hydraulic supplies are most convenient or necessary.
- Suitable for drilling up to 52mm diameter by 50mm depth.

## Gator • Specifications

Model Number	RD140
Motor Specification	140 Bar (2050 psi)
No Load RPM	630 RPM
Max Hole Cutting Capacity	ø52 x 50mm Deep
Overall Dimensions	Height 520mm / Width 160mm with Capstan / Length 320mm with Guard
Machine Weight	23kg
Magnetic Adhesion	7,000N
Magnet Size	175mm x 75mm
Safety Features	Fixed Guard

# INTRODUCTION TO CUTTERS

Rotabroach is the UK's leading designer and manufacturer of annular cutters. With brand recognition throughout the world we distribute to over 40 countries.

Rotabroach's cutters are known for their performance and reliability making us the only choice when it comes to your hole cutting requirements.

Our Product managers constantly monitor our markets to ensure all Rotabroach cutters meet your needs.

We only manufacture our products from the world's leading materials to ensure optimum performance.

Rotabroach supply a number of products to cover all your requirements from general engineering to materials such as Hardox, enabling you fast accurate hole drilling.

**Rotabroach** • The original name for hole cutting systems





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# CUTTER SELECTION CHART

Cutter type	General engineering I ≤900N/mm <sup>2</sup>	Harder materials, low grade rail II ≤1100N/mm <sup>2</sup>	Cast, tool steel, rail (HP) III ≤1400N/mm <sup>2</sup>
Rotabroach M2AL Raptor	<div></div> <div>Mild &amp; Structural Steel</div>		
Rotabroach TCT	<div></div> <div>Construction Steel, Stainless Steel, Rail Track, High Strength Steel, Hardox &amp; Inconel</div>		
Rotabroach Rail M42	<div></div> <div>Mild &amp; Structural Steel &amp; Rail Track</div>		
Rotabroach Rail TCT SCRWC - SCRWCL	<div></div> <div>Rail Track</div>		
Twist Drill M42 - RRTW	<div></div> <div>Rail Track, Structural Steel &amp; Stainless Steel</div>		
Holesaws TCT - RHS	<div></div> <div>Structural Steel, Stainless Steel &amp; Pipework</div>		
Mini Cutters M2AL - RCM	<div></div> <div>Sheet Metal, Pipes &amp; Plastics</div>		

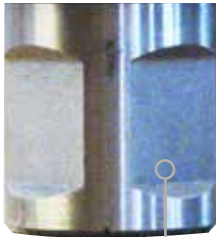
# M2AL RAPTOR CUTTERS



Stage hardened allowing for greater flexibility than other hardening processes.



Unique tooth design to give less wear over time than other available geometries.



Weldon shank with low tolerances for increased stability.

- Rotabroach M2AL Raptor cutters have a unique and exclusive geometry that you will only find on genuine Rotabroach cutters.
- Our M2AL Raptor cutters have been designed to ensure that they will last longer, cut faster and give a better and more accurate finished hole than any other annular cutter.
- Manufactured from M2AL material. Heat treated to a higher temperature, ensuring a greater hardness of cutter.

## M2AL Raptor Cutters • Specifications

Size Range	11mm - 65mmø / RAP110 - RAP520 / RAPL120 - RAPL650
Cutting Depths	25mm & 50mm
Max Tensile Strength	≤900N/mm <sup>2</sup>
Ideal For	Mild & Structural Steel

## Rotabroach • Associated Products



Rotabroach offers a wide range of cutting lubrication to increase efficiency. For more information see page 31.



When using annular cutters we always recommend you use a pilot pin.

SRA307	RAP110 - RAP120
SRA25	RAP130 - RAP520
RA3013	RAPL120
SRA50	RAPL130 - RAPL650



Rotabroach TCT cutters have unique spiral flutes for fast material flow.



Unique carbide tips for maximum cutting capability in the hardest of material.



Weldon shank with low tolerances for increased stability.

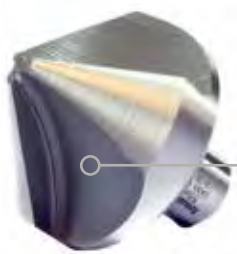
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- Rotabroach tungsten carbide tipped cutters are manufactured with super micro-grain carbide tips for a long tool life in the toughest of materials.
  - The tips are 50% Tungsten / 50% Carbide. Rotabroach TCT cutters are harder and able to resist higher temperatures resulting in less wear, providing a longer tool life when comparing to competitor products.
  - The special Rotabroach 3 tooth geometry provides even tooth loading for a smooth and vibration free cut.

TCT Cutters • Specifications

Size Range	12mm - 18mmø / CWC12 - CWC52 / CWCL12 - CWCL100 CWCT18 - CWCT100 / CWCX18 - CWCX 100*
Cutting Depths	35mm, 50mm, 75mm & 100mm
Max Tensile Strength	≤1400N/mm <sup>2</sup>
Ideal For	Construction Steel, Stainless Steel, Rail Track, High Strength Steel, Hardox & Inconel

\*Other sizes available upon request.

Rotabroach • Associated Products



Rotabroach offers a wide range of countersinks manufactured from extremely tough high speed steel. For more information see page 34.



R

When using annular cutters we always recommend you use a pilot pin.

SRA90	CWC12 - CWC17	RA3121	CWCT66+
RA3089	CWC18 - CWC52	RA3122	CWCX18 - CWCX65
SRA106	CWCL12 - CWCL17	RA3123	CWCX66+
RA356	CWCL18 - CWCL65		
RA3094	CWCL66+		
RA3120	CWCT18 - CWCT65		

# M42 RAIL CUTTERS



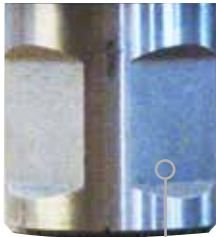
- Rotabroach M42 Rail cutters have a unique and exclusive geometry that you will only find on genuine Rotabroach cutters worldwide.
- This unique design ensures that the cutter will last longer, cut faster and give a better and more accurate finished hole than our competitors.
- Rotabroach M42 Rail cutters are manufactured from high speed steel with 8% cobalt. The cobalt allows the material to absorb more heat and makes it stronger and less prone to chipping.
- Designed for low grade rail.



Stage hardened allowing for greater flexibility than other hardening processes.



Unique 4 tooth design to give less wear over time on harder materials.



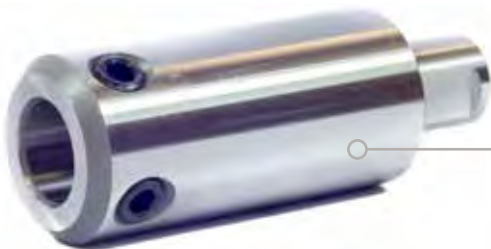
Weldon shank with low tolerances for increased stability.

## M42 Rail Cutters • Specifications

Size Range	13mm - 36mmØ / SRCV130 - SRCV360 / SRCVL130 - SRCVL 360*
Cutting Depths	25mm & 50mm
Max Tensile Strength	≤1100N/mm <sup>2</sup>
Ideal For	Mild & Structural Steel & Rail Track

\*Other sizes available upon request.

## Rotabroach • Associated Products



Rotabroach offers a wide range of extension arbors for extended reach. For more information see page 32.



When using annular cutters we always recommend you use a pilot pin.

SRA25	SRCV130 - SRCV360
SRA50	SRCVL130 - SRCVL360



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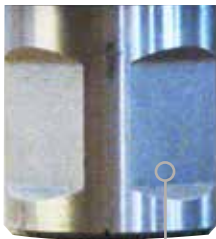
# TCT RAIL CUTTERS



Rotabroach TCT cutters have unique straight flute designed for better material removal.



Unique carbide tips for maximum cutting capability in the hardest of material.



Weldon shank with low tolerances for increased stability.

- Rotabroach TCT Rail cutters are specifically manufactured for cutting rail track.
- Supplied all over the world, these cutters are specified to drill the world's toughest rail.
- With a special body design to give maximum stability and support, working alongside a super micro-grain carbide tip, these cutters can handle the most stubborn rail track.

## TCT Rail Cutters • Specifications

Size Range	18mm - 36mmø / SCRWC18 - SCRWC36 / SCRWCL18 - SCRWCL36*
Cutting Depths	25mm & 50mm
Max Tensile Strength	≤1400N/mm <sup>2</sup>
Ideal For	Rail Track

\*Available upon request.

## Rotabroach • Associated Products



Rotabroach offers a wide range of cutting lubrication to increase efficiency. For more information see page 31.



When using annular cutters we always recommend you use a pilot pin.

SRA25	SCRWC18 - SCRWC36
SRA50	SCRWCL18 - SCRWCL36*

\*Available upon request.

# TWIST DRILL WITH WELDON SHANK



- Perfect for using any Weldon shank arbor to drill small diameter holes.
- A central coolant hole ensures the lubricant can travel to the tip of the drill giving a longer tool life compared to standard twist drills.
- Manufactured from M42 material enabling the tool to cut hard materials.

## Twist Drill with Weldon Shank • Specifications

Size Range	6mm - 13.5mmø / RRTW060 - RRTW135
Cutting Depths	25mm
Max Tensile Strength	≤1100N/mm <sup>2</sup>
Ideal For	Rail Track, Structural Steel & Stainless Steel



Spiral flute for fast material eviction.

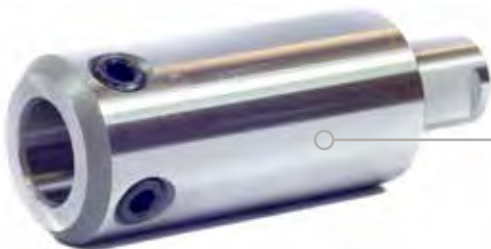


Heavy duty geometry for easy cutting and increased life.



Weldon shank with low tolerances for increased stability.

## Rotabroach • Associated Products



Rotabroach offers a wide range of extension arbors for extended reach whilst cutting. For more information see page 32.



- Manufactured with high quality solid carbide tips for maximum performance and reliability.
- High quality centre drill spring loaded for fast waste material ejection.
- Fast cutting time compared to standard twist drills.
- Used in conjunction with drill chuck.



Holesaws • Specifications

Size Range	16mm - 100mmØ / RHS1625 - RHS10025
Cutting Depths	15mm in Pistol Drill / 25mm in Magnetic Drill
Max Tensile Strength	≤1400N/mm²
Ideal For	Structural Steel, Stainless Steel & Pipework



Spiral flutes for fast material removal reducing drill time.



High performance carbide tips for less wear on harder material.



Designed to fit in any 13mm drill chuck.

Rotabroach • Associated Products



Rotabroach offers a wide range of cutting lubrication to increase efficiency whilst cutting. For more information see page 31.

# MINI CUTTERS



- Rotabroach Mini Cutters cut clean, burr-free holes in seconds.
- The professional solution for cutting holes in sheet metal, pipes and plastics.
- Precision ground teeth and flutes ensure a fast, smooth and accurate cut every time.
- Over 3 times faster than standard twist drills making them highly economical.
- Low power consumption giving a long life to cordless drills.



Manufactured from M2AL and stage hardened for greater flexibility.



Unique tooth design for less wear.



Designed to fit in any 1/2" or 3/8" drill chuck.

## Mini Cutters • Specifications

Size Range	6mm - 25mmØ / RCM060 - RCM250
Cutting Depths	6.4mm up to Ø20mm / 12.7mm over Ø20mm
Max Tensile Strength	≤900N/mm <sup>2</sup>
Ideal For	Sheet Metal, Pipes & Plastics

## Rotabroach • Associated Products



Rotabroach offers a wide range of countersinks manufactured from extremely tough high speed steel. For more information see page 34.



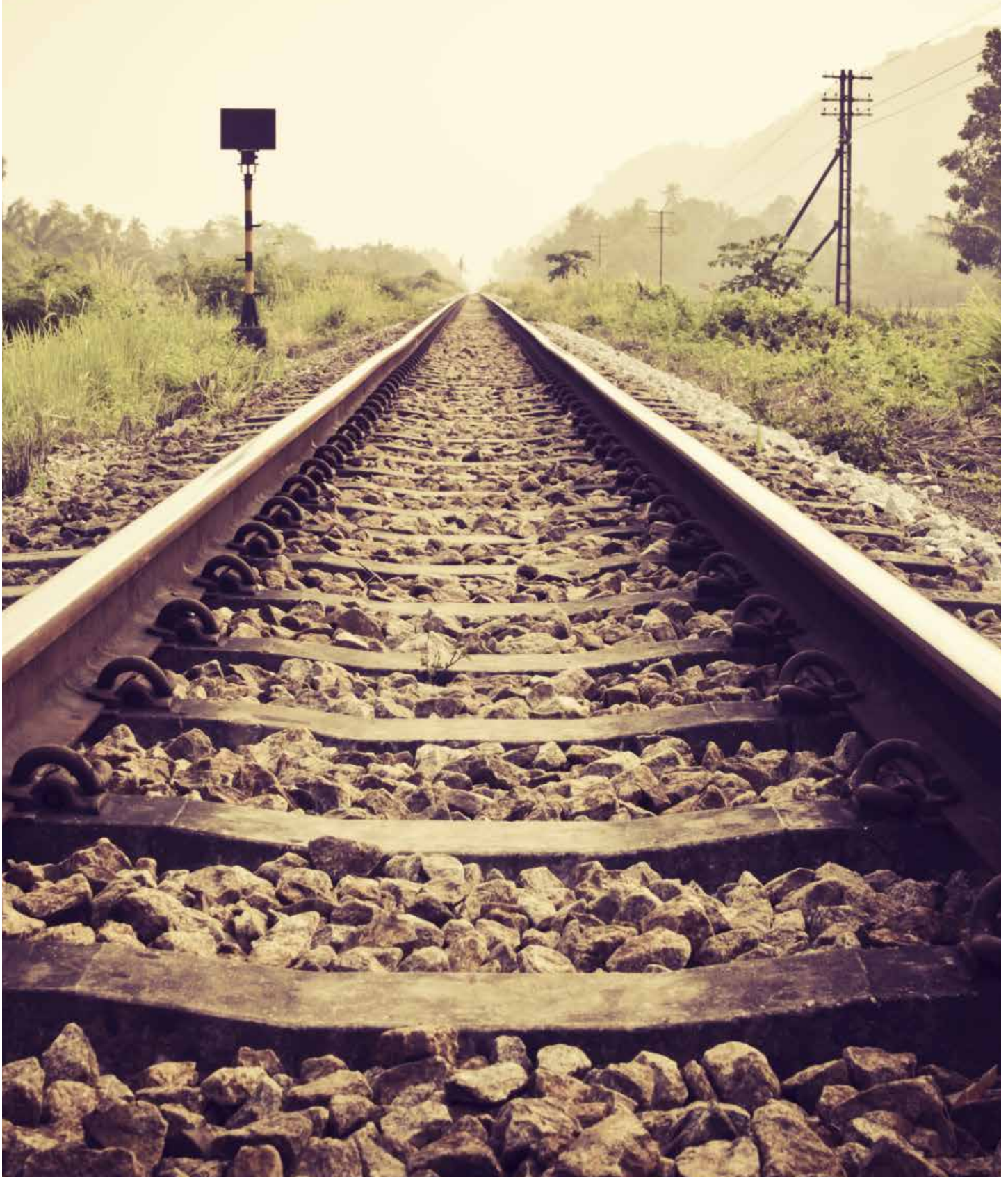
Always ensure correct arbor and pilot are used.

For diameters up to and including 20mm arbor RA116 or RA117.

Diameters 21mm to 25mm RA118 must be used.



**Rotabroach has been  
supplying it's products  
into the rail industry  
since 1999.**



# INTRODUCTION TO RAIL

**R**

- Rotabroach has been supplying its products into the rail industry since 1999.
- We aim to provide the best solution for any hole drilling application in rail.
- Our product offering ensures that any drilling work can be carried out in an efficient, safe and reliable manner.

## Motor

A range of motors are available to cover all applications.

4 stroke - See page 27.

2 stroke - See page 28.

Electric - See page 29.

## Cutters

Rotabroach offers a range of different cutters specifically for rail applications.



M42 Rail  
See page 19.



TCT Rail  
See page 20.



Twist Drill  
See page 21.





## Hole Centre Locators

Designed for use when drilling fish plates or for hole alignment in poor light levels when accuracy is a must. Many different hole centre locators are available.

See page 30.



## Coolant & Paste

For different applications Rotabroach offers various coolants to suit your needs from fluids to paste.

See page 31.



## Multiform Templates

Designed to set the height at which the hole is drilled. Many different rail forms and heights are available.

See page 30.



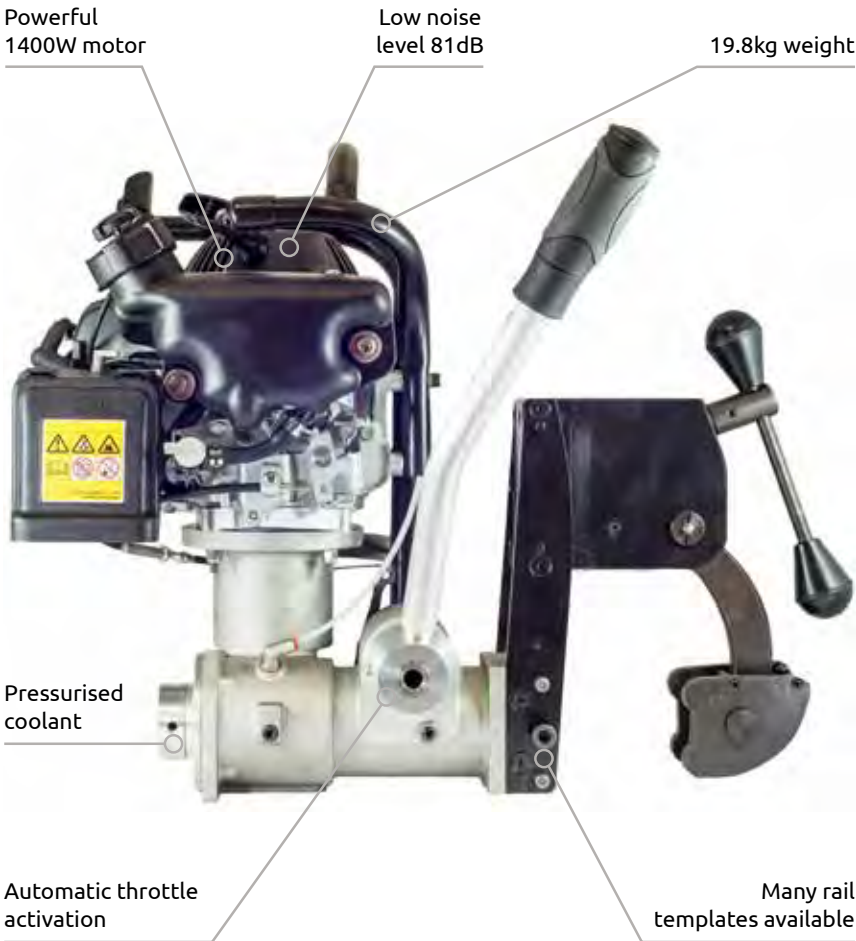
## Clamp

A number of different clamps are available to suit your application, whether this be standard rail or tram rail.



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# RHINO 4



Approvals:



POWERED by  
**HONDA**™

- The 'Rhino 4' is Rotabroach's leading offering for rail drilling applications.
- A 4 stroke engine that gives the advantage of faster drilling.
- The 'Rhino 4' offers low noise, low hand arm vibration and better fuel efficiency than competitors.



Cutter capacity  
40mm x 25mm  
standard



Twist Drill  
capacity  
13.5mm



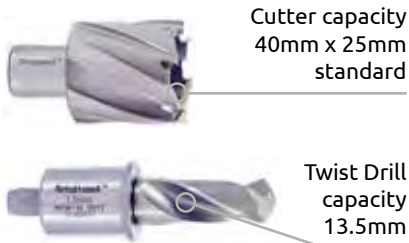
## Rhino 4 • Specifications

Model Number	RD074
Motor Specification	Honda 4 Stroke, 1400W
Displacement	57.0 cm <sup>3</sup>
No Load RPM	320 RPM
Max Hole Cutting Capacity	ø40mm
Overall Dimensions	Height 420mm / Width 420mm with Capstan / Length 540mm
Machine Weight	19.8kg
Safety Features	Centrifugal Clutch





- The 'Rhino 2' is Rotabroach's 2 stroke alternative to the 'Rhino 4'.
- High quality STIHL motor with worldwide support.
- Perfect for applications such as fish plates and bonding.

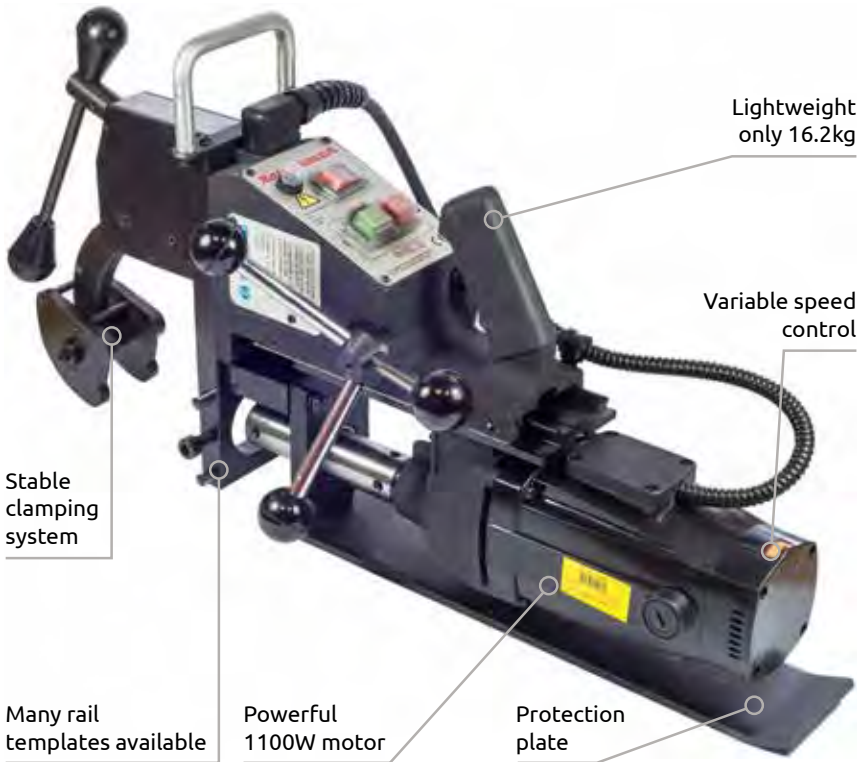


### Rhino 2 • Specifications

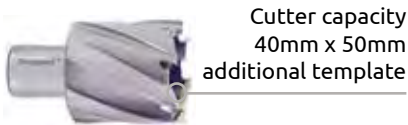
Model Number	RD07A
Motor Specification	STIHL 2 Stroke, 1300W
Displacement	36.3cm <sup>3</sup>
No Load RPM	200 RPM
Max Hole Cutting Capacity	ø40mm
Overall Dimensions	Height 500mm / Width 380mm with Capstan / Length 520mm
Machine Weight	19.2kg
Safety Features	Mechanical Clutch

Rotabroach

# RHINO E



- The 'Rhino E' is Rotabroach's Electric offering for rail drilling applications.
- With a powerful 1100W motor this gives the advantage of faster drilling and less wear to your cutters than other machines on the market.

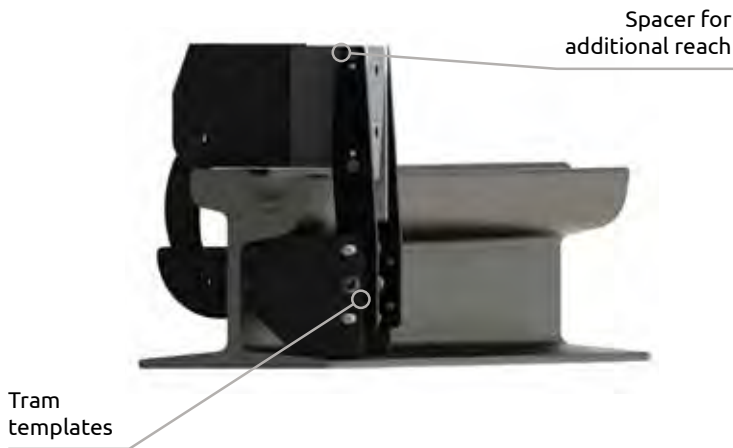


## Rhino E • Specifications

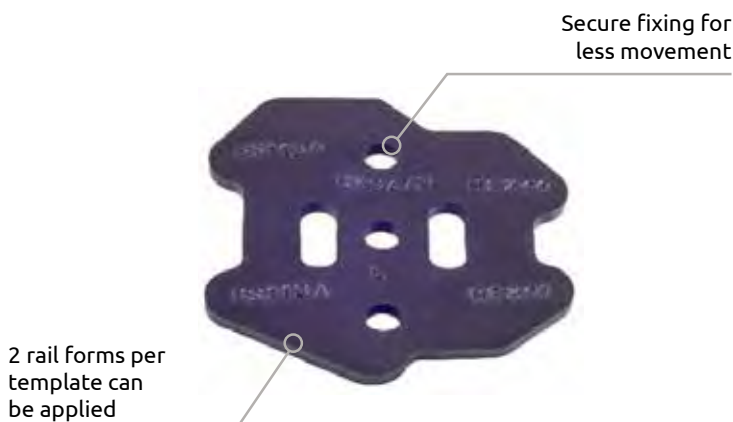
Model Number	CM/127/1 / CM/127/3
Motor Specification	110V, 1100W / 230V, 1100W
No Load RPM	270 - 610 RPM
Max hole Cutting Capacity	ø40mm
Overall Dimensions	Height 320mm / Width 180mm with Capstan / Length 640mm
Machine Weight	16.2kg
Safety Features	Mechanical Clutch / Electronic Overload

# RAIL & TRAM ACCESSORIES

Rotabroach



Robust design, holds fast to the rail



## Tram Adaptor

Both the 'Rhino 4' and the 'Rhino E' can be adapted for the drilling of tram rail. With the fitting of an adaptor kit the rail clamp can be elongated to fit over the wider rail.

Rotabroach supports most common types of tram rail with a number of different multiform templates to suit varying requirements.

With the advantages of a design department Rotabroach can also design to suit all your needs. Please contact us if you have an enquiry and we will be happy to help.

## Hole Centre Locators

Rotabroach have a number of different designs of hole centres locators. Used for the correct measurements for fish plates, S&T, bonding holes and axle counters.

All rail forms and spacings can be catered for, we have a number of designs on file for most common rail.

For special requirements our design team will be happy to help accommodate your request.

## Multiform Templates

To ensure our rail drills can drill at the correct height multiform templates are a fast, easy and accurate system.

Two rail profiles are allowed per template so your machine can be used on a multitude of rail.

If we do not have the template you require please contact our design department who will be happy to accommodate your request.

Rotabroach

# ACCESSORIES



Range of cutting fluids available

Highly portable options



Secured fixing to reduce movement



Lightweight and easy to use

## Cutting Lubricants

Rotabroach cutting fluid and lubricants have been formulated to ensure you get the most out of your cutters.

For applications where fluid is unsuitable we have our 'Slick-Stik™' lubrication sticks ensuring you can still use lubrication even when working at height.

Part Number	Volume
RD208	1L Neat Cutting Fluid
RD229	5L Neat Cutting Fluid
RD2098	1L Bio-degradable Cutting Fluid
RD2096	5L Bio-degradable Cutting Fluid
RSO05	5L Water Soluble Cutting Fluid
RSO20	20L Water Soluble Cutting Fluid
RD2094	Cutting Paste 500g
RD40068	Slick-Stik™ 1.68oz
RD40065	Slick-Stik™ 16oz

## Pipe Adaptor

With the addition of a simple adaptor kit, Rotabroach machines can be used for cutting holes in most pipes.

Two plates attach to the magnet base providing a positive non-slip position which assures central hole location.

The 'Pipe Adaptor' kit is suitable for all pipes with a diameter of 60mm upwards. For use with Element 30, Element 40, Commando 40, Cobra, Eagle and Gator.

Part Number	RD2311
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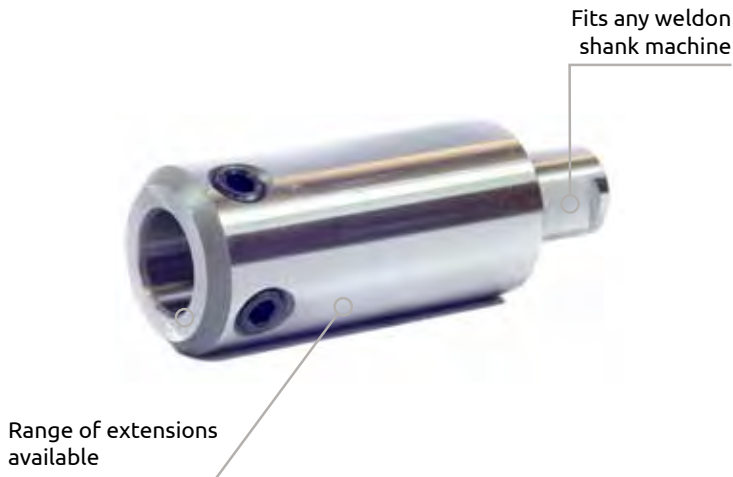
## Swarf Stick

The Rotabroach 'Swarf Stick' helps keep your work place tidy. This hand held lightweight tool helps attract ferrous metal chippings and swarf to the stick which can easily be removed from the work area.

To operate simply push in the handle and place the tool over the metal chippings and swarf. The stick will attract the waste to itself, holding them until you withdraw the handle.

Part Number	CT/010/100
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## Extension Arbor

Designed for extended reach our high precision 'Extension Arbor's' maintain concentricity over various lengths.

Part Number	Extension
RD2091	25mm
RD2090	50mm
RD2092	75mm
RD2102	100mm
RD2103	150mm
RD2104	200mm
RD2105	250mm



## Morse Taper Arbors

Rotabroach produce a number of 'Morse Tapers' from 2 morse - 5 morse, to allow the use of our cutters in any morse taper machine.

All come with coolant adaptors and are suitable for any machine with a morse taper fitting.

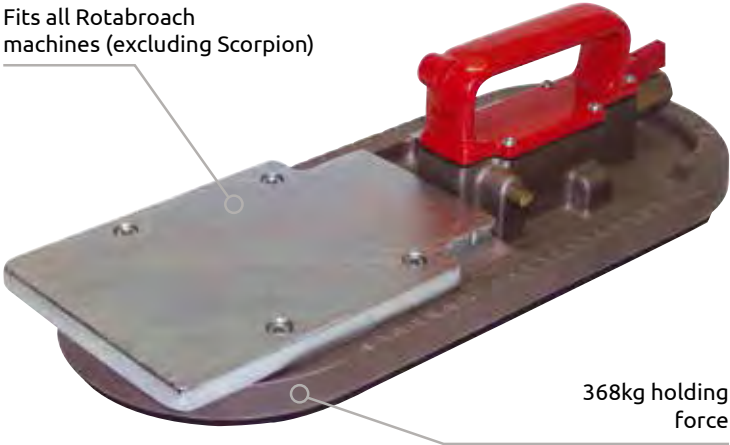


Part Number	Morse Taper	Shank	Depth
CA120	2	19.05mm	50mm
RMT3	3	19.05mm	50mm
RMT3 + Pilot RA3120	3	19.05mm	75mm
RMT3 + Pilot RA3122	3	19.05mm	100mm
RMT3X	3	32mm	50mm
RMT3X + Pilot RA3121	3	32mm	75mm
RMT3X + Pilot RA3123	3	32mm	100mm
CA140	4	19.05mm	50mm
CA1475	4	19.05mm	75mm
CA340	4	32mm	50mm
CA3475	4	32mm	75mm
CA1575	5	19.05mm	75mm
CA3510	5	32mm	100mm
CA1510	5	19.05mm	100mm

Rotabroach

# ACCESSORIES

Fits all Rotabroach machines (excluding Scorpion)



368kg holding force

Can be adapted for any twist drill up to 13.5mm



Fits any weldon shank machine

## Vacuum Pad

For applications where it is unsuitable to fit the magnet of a drill directly to the material surface, Rotabroach offer a powerful vacuum pad.

With a holding force of 368kg at the centre position means that magnetic drills can be used on even non magnetic surfaces.

For use of the 'Vac Pad' an air supply of 4 cubic feet per minute and minimum pressure of 70psi is required.

Part Number	DB121
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## Twist Drill Adaptors

Rotabroach's 'Twist Drill Adaptors' are designed for use with stub length drills from 4mm - 13.5mm.

Machined to a high tolerance and finish ensuring concentricity is maintained.

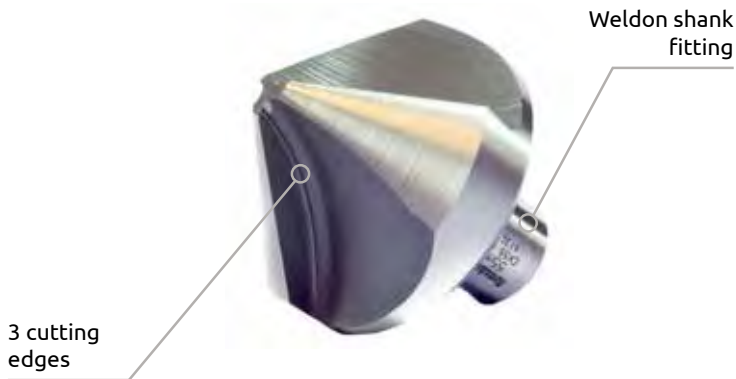
For use with any Rotabroach magnetic drill and rail drill.

Part Number	Size (mm)
RD2003/060	6
RD2003/070	7
RD2003/072	7.2
RD2003/080	8
RD2003/085	8.5
RD2003/090	9
RD2003/098	9.8
RD2003/100	10
RD2003/110	11
RD2003/120	12
RD2003/130	13
RD2003/135	13.5

Rotabroach aim to provide a solution for all of your hole cutting requirements. For bespoke requirements, please contact us.



**Rotabroach** • The original name for hole cutting systems



## Countersinks

Manufactured from extremely tough high speed steel. Suitable for all types of portable drills with 3/4" shank.

3 cutting edges, smooth chamfering and high surface finish.

Part Number	Range
CK30	Countersinks holes up to ø30mm
CK40	Countersinks holes up to ø40mm
CK55	Countersinks holes up to ø55mm



## Piloted TCT Countersinks

Manufactured from extremely tough high speed steel.

TCT tipped for greater tool life and harder materials.

Suitable for all types of portable drills with 3/4" shank.

3 cutting edges, smooth chamfering and high surface finish.

Manufactured with pilot bore for greater stability and accuracy.

Part Number	Range
RPCC201	Countersinks holes up to ø42mm
RPCC100	Countersinks kit includes pilots for 14mm, 18mm & 22mm holes Countersinks holes up to ø42mm



## Cutter Adaptors

For the adaptation of using Rotabroach cutters in competitor machines fitted with a quick fit system.

Conversion	Range
CQA01	Fein Quick-In Shank
CQA02	One-Touch Shank
CQA03	Nitto Threaded Adaptor