

Quality products for metalworking.

**PREMIUM-QUALITY**  
IN ALL COMPONENTS,  
FROM TOOLS TO MACHINERY



- 1 
- 2 
- 3 
- 4 
- 5 
- 6 
- 7 
- 8 
- 9 
- 10 



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Preston, PR1 7JP

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## MAGNETIC HOLE CUTTING MACHINES



# „ONLY THE BEST“

KA40 – KAS40 – KA50 – KAS50 – KATV55 – KATSV55  
KA100 – KAS100 – KATV100 – KATSV100 – KALP45 – KATV140



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

### CONTACT

ATA Garryson Ltd.  
Spring Road  
Ibstock  
LE67 6LR  
United Kingdom  
sales@atagarryson.com

+44 (0) 1530 261 145

### NOW ONLINE FOR YOU!



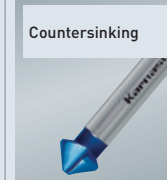
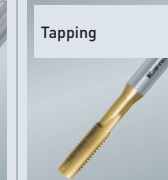


[www.karnasch.co.uk](http://www.karnasch.co.uk)

### ONLINE




# 7.1



- 1 
- 2 
- 3 
- 4 
- 5 
- 6 
- 7 
- 8 
- 9 
- 10 

Core drilling 	Twist drilling 	Countersinking 	Tapping 	Swifel Base  360°	Changeable 
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**KA 35 SILVER-MAG** BEST SELLER TWIN SLIDE 20 8013 EUROPE 21 8013 USA 22 8013 UK  1128-1129

<b>PREMIUM</b> 	<p>Ø 12-35 mm Ø 5/32-1.3/8"</p> <p>Cutting depth max. 4"</p>	<p>Ø 3-18 mm Ø 3/16-45/64"</p>	<p>Ø 10-30 mm Ø 3/8-1.3/16"</p>	-	-	-
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**KA 38 BLUE-MAG** BEST SELLER SENSOR · TWIN-RAIL SLIDE 20 8020 010 EUROPE 20 8020 020 USA 20 8020 030 UK  1135

<b>PROFESSIONAL</b> 	<p>Ø 12-38 mm Ø 5/32-1.1/2"</p> <p>Cutting depth max. 4"</p> <p> UK MADE MACHINES</p>	<p>Ø 3-18 mm Ø 3/16-45/64"</p>	<p>Ø 10-30 mm Ø 3/8-1.3/16"</p>	-	-	✓
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**KA 40 BLUE-MAG** BEST SELLER SENSOR · TWIN-RAIL SLIDE 20 8021 010 EUROPE 20 8021 020 USA 20 8021 030 UK  1136

<b>PROFESSIONAL</b> 	<p>Ø 12-40 mm Ø 5/32-1.37/64"</p> <p>Cutting depth max. 4"</p> <p> UK MADE MACHINES</p>	<p>Ø 3-18 mm Ø 3/16-45/64"</p>	<p>Ø 10-30 mm Ø 3/8-1.3/16"</p>	-	-	✓
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**KAS 40 BLUE-MAG** BEST SELLER SENSOR · TWIN-RAIL SLIDE 20 8022 010 EUROPE 20 8022 020 USA 20 8022 030 UK  1137

<b>PROFESSIONAL</b> 	<p>Ø 12-40 mm Ø 5/32-1.37/64"</p> <p>Cutting depth max. 4"</p> <p> UK MADE MACHINES</p>	<p>Ø 3-18 mm Ø 3/16-45/64"</p>	<p>Ø 10-30 mm Ø 3/8-1.3/16"</p>	-	✓	✓
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**KA 50 BLUE-MAG** BEST SELLER SENSOR · TWIN-RAIL SLIDE 20 8023 010 EUROPE 20 8023 020 USA 20 8023 030 UK  1138

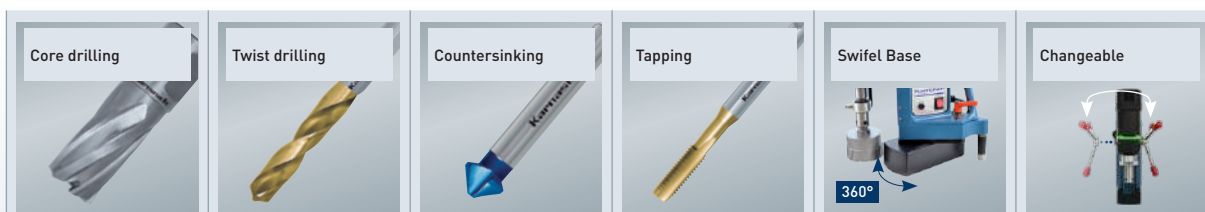
<b>PROFESSIONAL</b> 	<p>Ø 12-50 mm Ø 5/32-1.31/32"</p> <p>Cutting depth max. 4"</p> <p> UK MADE MACHINES</p>	<p>Ø 3-23 mm Ø 3/16-29/32"</p>	<p>Ø 10-40 mm Ø 3/8-1.37/64"</p>	-	-	✓
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**KAS 50 BLUE-MAG** BEST SELLER SENSOR · TWIN-RAIL SLIDE 20 8024 010 EUROPE 20 8024 020 USA 20 8024 030 UK  1139

<b>PROFESSIONAL</b> 	<p>Ø 12-50 mm Ø 5/32-1.31/32"</p> <p>Cutting depth max. 4"</p> <p> UK MADE MACHINES</p>	<p>Ø 3-23 mm Ø 3/16-29/32"</p>	<p>Ø 10-40 mm Ø 3/8-1.37/64"</p>	-	✓	✓
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**KATV 55 BLUE-MAG** BEST SELLER SENSOR · TWIN-RAIL SLIDE 20 8025 010 EUROPE 20 8025 020 USA 20 8025 030 UK  1140

<b>PROFESSIONAL</b> 	<p>Ø 12-55 mm Ø 5/32-2.11/64"</p> <p>Cutting depth max. 4"</p> <p> UK MADE MACHINES</p>	<p>Ø 3-23 mm Ø 3/16-29/32"</p>	<p>Ø 10-40 mm Ø 3/8-1.37/64"</p>	<p>Ø 6-20 mm Ø 15/64-25/32"</p>	-	✓
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**KATSV 55 BLUE-MAG** BEST SELLER SENSOR · TWIN-RAIL SLIDE **20 8026 010 EUROPE** **20 8026 020 USA** **20 8026 030 UK** 1141

**PROFESSIONAL**



Ø 12–55 mm  
Ø 5/32–2.11/64"

Ø 3–23 mm  
Ø 3/16–29/32"

Ø 10–40 mm  
Ø 3/8–1.37/64"

Ø 6–20 mm  
Ø 15/64–25/32"

Cutting depth  
max. 4"



**KA 100 BLUE-MAG** BEST SELLER SENSOR · TWIN-RAIL SLIDE **20 8027 010 EUROPE** **20 8027 020 USA** **20 8027 030 UK** 1142

**PROFESSIONAL**



Ø 12–100 mm  
Ø 15/32–3.15/16"

Ø 3–32 mm  
Ø 3/16–1.17/64"

Ø 10–55 mm  
Ø 3/8–2.11/64"

Cutting depth  
max. 7.7/8"



**KAS 100 BLUE-MAG** BEST SELLER SENSOR · TWIN-RAIL SLIDE **20 8028 010 EUROPE** **20 8028 020 USA** **20 8028 030 UK** 1143

**PROFESSIONAL**



Ø 12–100 mm  
Ø 15/32–3.15/16"

Ø 3–32 mm  
Ø 3/16–1.17/64"

Ø 10–55 mm  
Ø 3/8–2.11/64"

Cutting depth  
max. 9.27/32"



**KATV 100 BLUE-MAG** BEST SELLER SENSOR · TWIN-RAIL SLIDE **20 8029 010 EUROPE** **20 8029 020 USA** **20 8029 030 UK** 1144

**PROFESSIONAL**



Ø 12–100 mm  
Ø 15/32–3.15/16"

Ø 3–32 mm  
Ø 3/16–1.17/64"

Ø 10–55 mm  
Ø 3/8–2.11/64"

Ø 6–32 mm  
Ø 15/64–1.17/64"

Cutting depth  
max. 8.21/32"



**KATSV 100 BLUE-MAG** BEST SELLER SENSOR · TWIN-RAIL SLIDE **20 8030 010 EUROPE** **20 8030 020 USA** **20 8030 030 UK** 1145

**PROFESSIONAL**



Ø 12–100 mm  
Ø 15/32–3.15/16"

Ø 3–32 mm  
Ø 3/16–1.17/64"

Ø 10–55 mm  
Ø 3/8–2.11/64"

Ø 6–32 mm  
Ø 15/64–1.17/64"

Cutting depth  
max. 9.27/32"



**KALP 45 BLUE-MAG** BEST SELLER SENSOR **20 8031 010 EUROPE** **20 8031 020 USA** **20 8031 030 UK** 1146

**SPECIALIST**



Ø 12–45 mm  
Ø 15/32–1.49/64"

Ø 6–16 mm  
Ø 15/64–5/8"

Ø 10–30 mm  
Ø 3/8–1.3/16"

Cutting depth  
max. 2.11/64"



**KATV 140 BLUE-MAG** BEST SELLER SENSOR · TWIN-RAIL SLIDE **20 8032 010 EUROPE** **20 8032 020 USA** **20 8032 030 UK** 1147

**SPECIALIST**



Ø 12–140 mm  
Ø 15/32–5.33/64"

Ø 3–50 mm  
Ø 3/16–1.31/32"

Ø 10–80 mm  
Ø 3/8–3.5/32"

Ø 6–44 mm  
Ø 15/64–1.47/64"

Cutting depth  
max. 9.27/32"

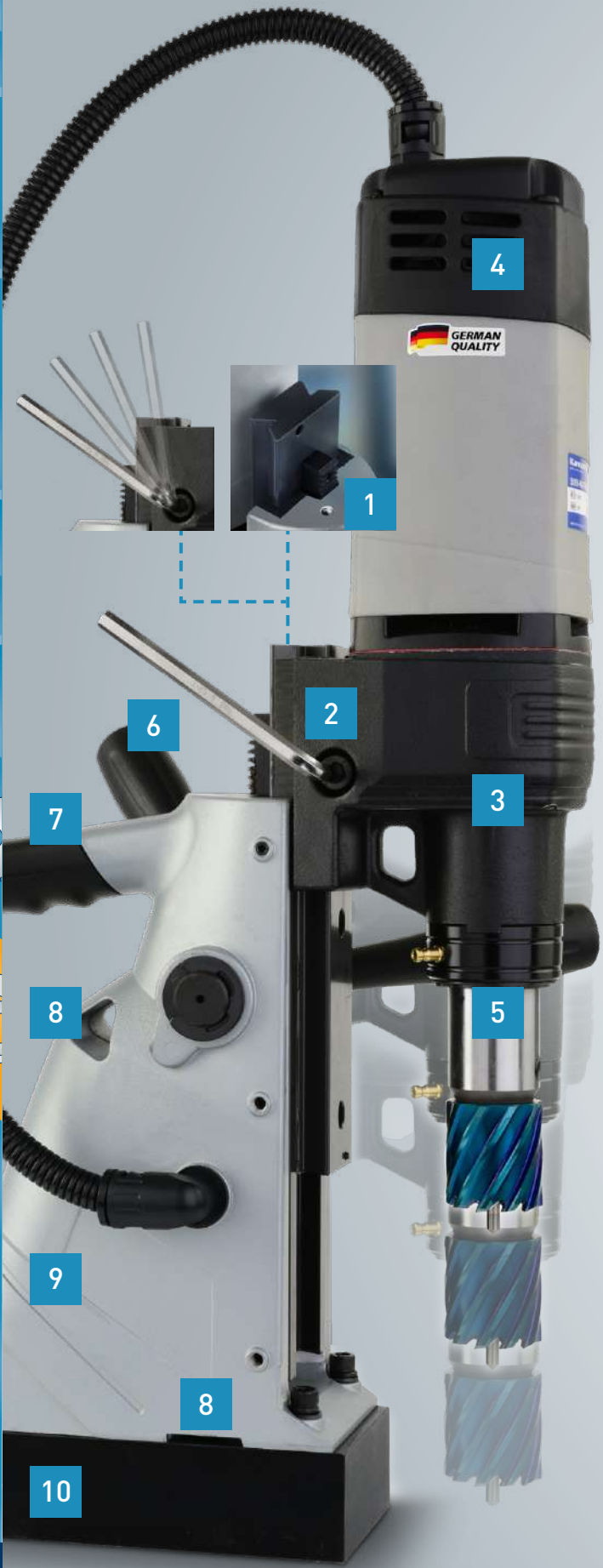


Up to Ø 200 mm possible

1148







- 1 BLACKDUR hardened sliding rail. This results to more than 5 times longer lifetime than conventional dovetail slides.
- 2 Two-way sliding rails, which make the motor height adjustable according to the different requirement. Stroke up to 210 mm. Rail position function, which can make the motor stop at any position to prevent selfrig decline and damage cutter.
- 3 Design of internal self-lubricating function ensures extended life of the gear.
- 4 Tilt protection design for motor air inlet avoid liquid or debris falling into the inside of he motor.
- 5 Automatic internal cooling system. The external cooling ring design prevents cooling liquid overflow into the gear box.
- 6 Ergonomically designed handles for excellent control of the rotary movement.
- 7 Open handle. Ideal for light machines. The machine can be moved easily on the surface.
- 8 Design of overall aerial lifting holes and safety rope holes guarante double protection for the safety of the aerial personal and equipment.
- 9 The design of the entire body is designed for high rigidity to improve drilling quality.
- 10 Magnetic bottom wear design, which reduces the wear of the magnet bottom and extend service life. Magnetic base with maximum magnetic adhesion up to 10 000 N ensure the safety and reliability during drilling operations.



# KA 35 SILVER-MAG · TWIN SLIDE

PREMIUM

EUROPE-VERSION

230 VOLTS

USA-VERSION

110 VOLTS

UK-VERSION

110 VOLTS

20 8013

21 8013

22 8013

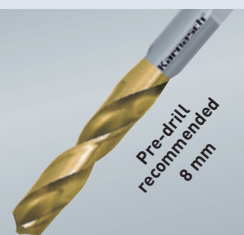
Core drilling



Ø 12-35 mm  
5/32" - 1.3/8"

372-497, 516-530

Twist drilling



Ø 3-18 mm  
3/16" - 45/64"

636

Countersinking



Ø 10-30 mm  
3/8" - 1.3/16"

676-711

Accessories



531-533, 538

Speed full load



Gear stages

1 = 450 rpm

The specified maximum diameter / cutting depths of the magnetic hole cutting machines, can only be guaranteed with **original** Karnasch drilling tools.

\* The machines are supplied as standard with **55 mm cutting depth** holder. Please use our 2-part pins (explanation see page 380) for cutters from 18 mm if you need **cutting depth up to 110 mm**.

Special Characteristics

Thanks to Two-way sliding System stroke up to **210 mm** possible. (Description on page 1130).

Included Accessories

- safety belt
- 3 hex keys
- 2 rubber seals
- coolant bottle with hose



Motor Power Watts

1100

Tool holder

Directly Weldon 19 mm (3/4")

Coolant supply

Internal, automatically

Stroke

120 mm up to 210 mm possible  
4.23/32" up to 8.17/64" possible

Voltage

230 Volts / 110 Volts

Magnetic adhesion

1000 kg | 2200 lb

Magnetic foot

80 × 168 mm Fixed

Weight

10.50 kg  
23.00 lb

Movie



Bestseller - price reduced



1129

230 Volt demonstration models available.



Index



- 1 
- 2 
- 3 
- 4 
- 5 
- 6 
- 7 
- 8 
- 9 
- 10 



This starts with the most important, THE MOTOR. Eibenstock motors 100% Made in Germany are and will remain the best choice when it comes to performance and reliability, motors with high torque and low maintenance.



This goes on with the slide. Our "HEAVY-DUTY" Twin Rail Slide System (**PATENTED**) is by far superior to standard dovetail slides in the points of stability and precision.



The heart of our magnetic hole cutting machines robust electronic switching units with ergonomically designed switch panels. Controlled by Hightech P.C.B Electronic circuitry built with safety in mind. We have interlocking systems ensuring that magnet must be energized before motor can be started. This high-tech P.C.B control system is common to all models.  
**MAG-TEC SENSOR:** The sensor detects how well the magnet keeps the machine on the ground. It is directly connected to the engine. If the sensor is illuminating "RED", the ground is dirty (rust, varnish residues, chips), the material is thinner than 6 mm or the feed rate is too high. The machine does not have a safe stand. The engine does not start or turns off. If the sensor is illuminating "GREEN", the magnetic holding force is optimal and the use of the machine is safe.



All models of machines are equipped with a rear stabilizer for even more holding power and stability.



Removable coolant tank for external mounting with magnetic clip supplied. Coolant tank with quick release hose system and coolant fine adjustment. Well thought out and practical.

Consistently "ONLY THE BEST"





Compact and robust main body housing made of high grade cast aluminum.  
In case of place problems, the complete handle can be removed and mounted  
on the other side within seconds.  
For KA 38, KA 40, KAS 40, KA 50, KAS 50, KATV 55, KATSV 55

Consistently "ONLY THE BEST!"

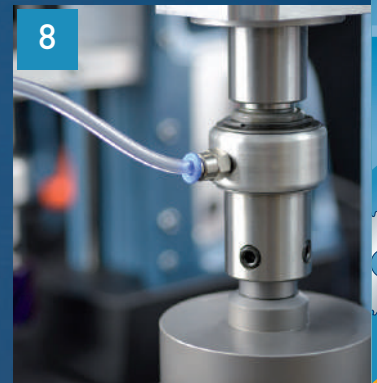
Ergonomic designed two way handle for perfect balance when  
handling and positioning machine.

All machines equipped with automatic internal  
coolant supply through 19 mm (3/4") Weldon or  
32 mm (1.1/4") Weldon arbors.

Consistently only the best transport/storage boxes. All  
machines supplied in heavy-Duty, dust and waterproof  
sealed boxes with internal protective lining. Ideal protection of  
machines in tough conditions.

Almost all models available with swivel base 360 degrees and larger models with additional 16 mm or 22 mm forward/back sliding and lock, for maximum flexibility when positioning the machine.

- A.** Place the machine
- B.** Secure with magnet
- C.** Subsequently positioned precisely and locked ready to drill



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10



# HEAVY-DUTY

## TWIN RAIL SLIDE SYSTEM

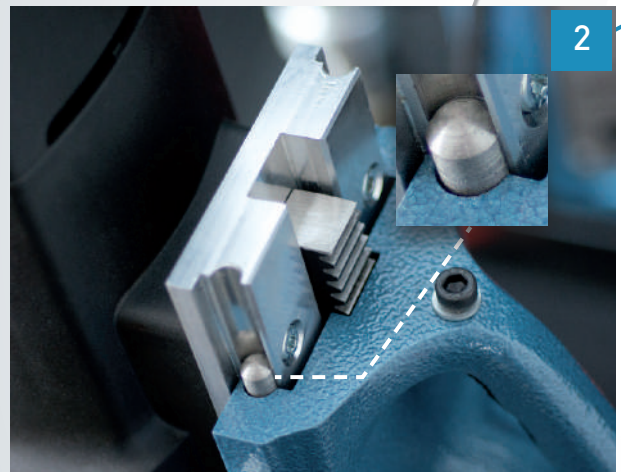
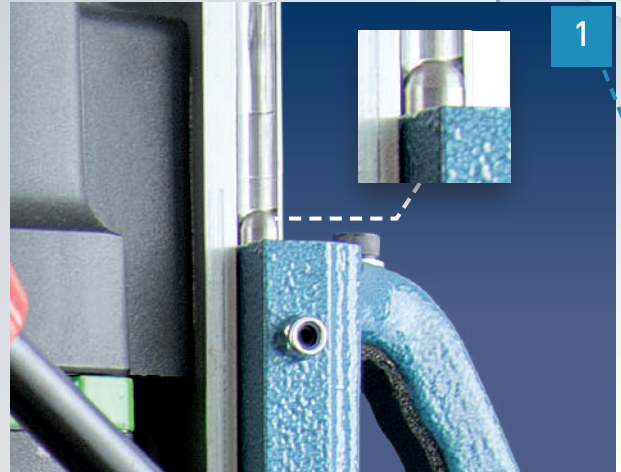


### Advantages of New Twin Rail Slide System "HEAVY-DUTY" over machines with old dovetail system.

- Up to 10 times better stability.
- Extremely tight tolerances of the slide through the round Twin Rail system.
- The slide has no contact with the main body of the machine. The whole construction is connected only by the highly precise and extremely stable rail system.
  - Reduced friction / less wear
  - Low maintenance / better reliability

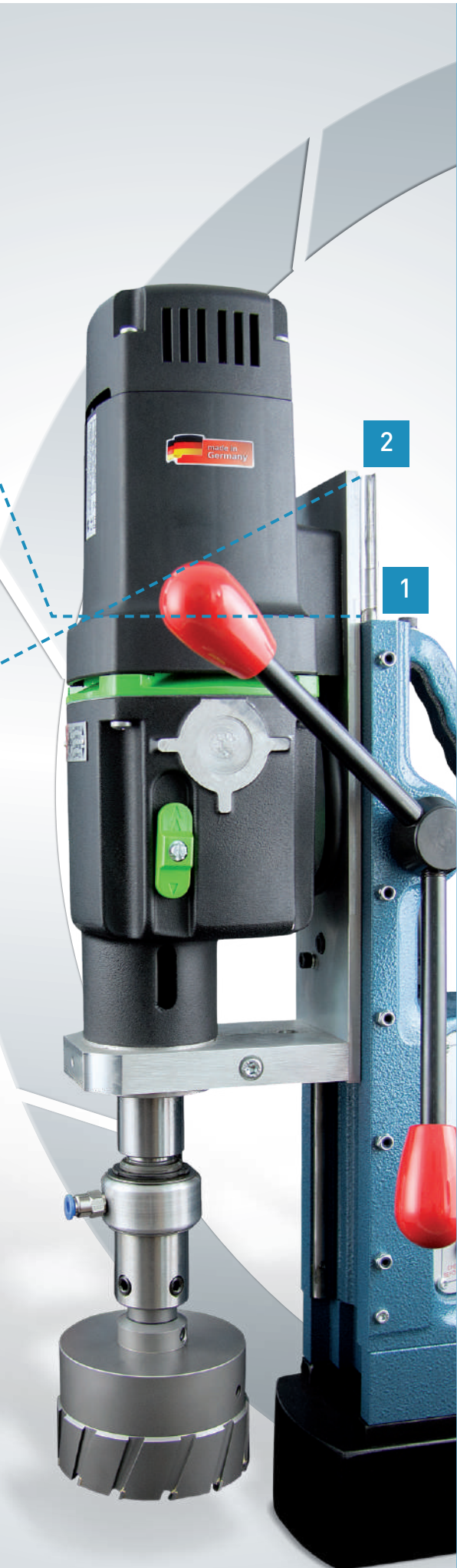
#### Result:

- Improved cutter life
- Reduced cutter breakage
- Improved hole tolerances
- Improved hole surface quality
- Up to 110 mm cutting depth possible already with small machines



Old dove tail system





The machines are delivered instantly ready to use. Complete with all necessary tools and additional parts.



Tools and additional parts: Safety chain/carabina, coolant bottle with fixing bracket and magnetic holder.



Consistently "ONLY THE BEST" machinery requires only the best available transport boxes. All machines supplied in heavy-duty dust and water proof sealed transport containers with internal protection. Ideal for machines used in tough conditions.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10



# KA 38 BLUE-MAG · SENSOR · TWIN-RAIL SLIDE

PROFESSIONAL

EUROPE-VERSION

230 VOLTS

USA-VERSION

110 VOLTS

UK-VERSION

110 VOLTS

20 8020 010

20 8020 020

20 8020 030

**Core drilling**



110 mm  
4"

Ø 12-38 mm  
5/32"-1.1/2"

**Twist drilling**



Pre-drill recommended  
8 mm

Ø 3-18 mm  
3/16"-45/64"

**Countersinking**




Ø 10-30 mm  
3/8"-1.3/16"

**Accessories**



**Speed full load**



Gear stages

1 = 450 rpm

372-497, 516-530

636

676-711

531-533, 538

The specified maximum diameter / cutting depths of the magnetic hole cutting machines, can only be guaranteed with **original** Karnasch drilling tools.

\* The machines are supplied as standard with **55 mm cutting depth** holder. Please use our 2-part pins (explanation see page 380) for cutters from 18 mm if you need **cutting depth up to 110 mm**.

Special Characteristics



Sensor

Thanks to "HEAVY-DUTY" Twin Rail Slide System easily **110 mm** cutting depth possible. (Description on page 1130).



Motor Power Watts	1100
Tool holder	Directly Weldon 19 mm (3/4")
Coolant supply	Internal, automatically
Stroke	170 mm   6.5/8"
Voltage	230 Volts / 110 Volts
Magnetic adhesion	1100 kg   2425 lb
Magnetic foot	85 x 170 mm Fixed
Weight	10.50 kg 23.00 lb

Movie



Bestseller - price reduced

230 Volt demonstration models available.



Index

PROFESSIONAL

# KA 40 BLUE-MAG · SENSOR · TWIN-RAIL SLIDE

EUROPE-VERSION

230 VOLTS

USA-VERSION

110 VOLTS

UK-VERSION

110 VOLTS

20 8021 010

20 8021 020

20 8021 030

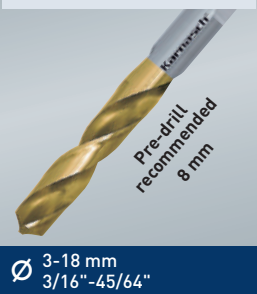
**Core drilling**



Ø 12-40 mm  
5/32" - 1.37/64"

372-497, 516-530

**Twist drilling**



Ø 3-18 mm  
3/16" - 45/64"

636

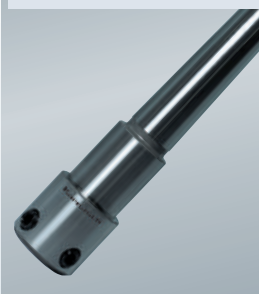
**Countersinking**



Ø 10-30 mm  
3/8" - 1.3/16"

676-711

**Accessories**



531-533, 538

**Speed full load**



Gear stages

1 = 450 rpm

The specified maximum diameter / cutting depths of the magnetic hole cutting machines, can only be guaranteed with **original** Karnasch drilling tools.

\* The machines are supplied as standard with **55 mm cutting depth** holder. Please use our 2-part pins (explanation see page 380) for cutters from 18 mm if you need **cutting depth up to 110 mm**.

**Special Characteristics**



Sensor

Thanks to "HEAVY-DUTY" Twin Rail Slide System easily **110 mm** cutting depth possible. (Description on page 1130).



BEST SELLER



Motor Power Watts	1100
Tool holder	Directly Weldon 19 mm
Coolant supply	Internal, automatically
Stroke	170 mm   6.5/8"
Voltage	230 Volts / 110 Volts
Magnetic adhesion	1100 kg   2425 lb
Magnetic foot	85 x 170 mm Fixed
Weight	11.50 kg 25.00 lb

Movie



Bestseller - price reduced

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10



# KAS 40 BLUE-MAG · SENSOR · TWIN-RAIL SLIDE

PROFESSIONAL

EUROPE-VERSION

230 VOLTS

USA-VERSION

110 VOLTS

UK-VERSION

110 VOLTS

20 8022 010

20 8022 020

20 8022 030

**Core drilling**



110 mm  
4"

Ø 12-40 mm  
5/32"-1.37/64"

**Twist drilling**



Pre-drill recommended  
8 mm

Ø 3-18 mm  
3/16"-45/64"

**Countersinking**




Ø 10-30 mm  
3/8"-1.3/16"

**Accessories**



**Speed full load**

Gear stages



1 = 450 rpm

372-497, 516-530

636

676-711

531-533, 538

The specified maximum diameter / cutting depths of the magnetic hole cutting machines, can only be guaranteed with **original** Karnasch drilling tools.

\* The machines are supplied as standard with **55 mm cutting depth** holder. Please use our 2-part pins (explanation see page 380) for cutters from 18 mm if you need **cutting depth up to 110 mm**.



Special Characteristics



Thanks to "HEAVY-DUTY" Twin Rail Slide System easily **110 mm** cutting depth possible. (Description on page 1130).

Motor Power Watts	1100
Tool holder	Directly Weldon 19 mm
Coolant supply	Internal, automatically
Stroke	180 mm   6.31/32"
Voltage	230 Volts / 110 Volts
Magnetic adhesion	1100 kg   2425 lb
Magnetic foot	85 × 170 mm Swivel rotates 360°
Weight	12.00 kg 26.00 lb

Bestseller - price reduced



Movie

230 Volt demonstration models available.



PROFESSIONAL

# KA 50 BLUE-MAG · SENSOR · TWIN-RAIL SLIDE

EUROPE-VERSION

230 VOLTS

USA-VERSION

110 VOLTS

UK-VERSION

110 VOLTS

20 8023 010

20 8023 020

20 8023 030

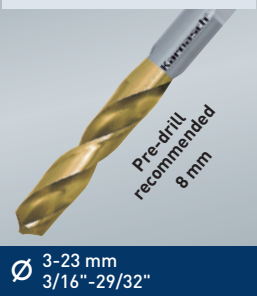
Core drilling



Ø 12-50 mm  
5/32" - 1.31/32"

372-497, 516-530

Twist drilling



Ø 3-23 mm  
3/16" - 29/32"

636

Countersinking



Ø 10-40 mm  
3/8" - 1.37/64"

676-711

Accessories



531-533, 538

Speed full load



Gear stages

1 = 250 rpm

2 = 450 rpm

The specified maximum diameter / cutting depths of the magnetic hole cutting machines, can only be guaranteed with **original** Karnasch drilling tools.

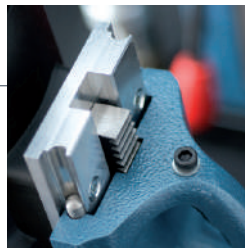
\* The machines are supplied as standard with a **55 mm cutting depth** holder. For **cutting depth up to 110 mm** please use our extra long holders see page 532/533, or see our 2-part pins (explanation see page 380) for cutters from 18 mm. For cutting depth more than 110 mm please ask us.



UK MADE MACHINES

BEST SELLER

made in Germany



Special Characteristics



Sensor

Thanks to "HEAVY-DUTY" Twin Rail Slide System easily **110 mm** cutting depth possible. (Description on page 1130).

Motor Power Watts	1150
Tool holder	Morse taper 2 with Weldon 19 mm
Coolant supply	Internal, automatically
Stroke	170 mm   6.5/8"
Voltage	230 Volts / 110 Volts
Magnetic adhesion	1250 kg   2755 lb
Magnetic foot	85 x 180 mm Fixed
Weight	13.00 kg 28.00 lb

Movie



Bestseller - price reduced

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10



# KAS 50 BLUE-MAG · SENSOR · TWIN-RAIL SLIDE

PROFESSIONAL

EUROPE-VERSION

230 VOLTS

USA-VERSION

110 VOLTS

UK-VERSION

110 VOLTS

20 8024 010

20 8024 020

20 8024 030

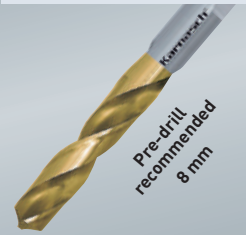
Core drilling



Ø 12-50 mm  
5/32" - 1.31/32"

372-497, 516-530

Twist drilling



Ø 3-23 mm  
3/16" - 29/32"

636

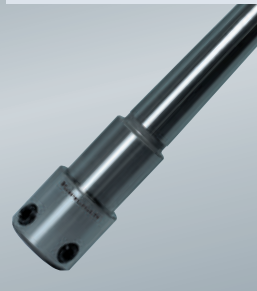
Countersinking



Ø 10-40 mm  
3/8" - 1.37/64"

676-711

Accessories



531-533, 538

Speed full load



Gear stages

1 = 250 rpm

2 = 450 rpm

The specified maximum diameter / cutting depths of the magnetic hole cutting machines, can only be guaranteed with **original** Karnasch drilling tools.

\* The machines are supplied as standard with a **55 mm cutting depth holder**. For **cutting depth up to 110 mm** please use our extra long holders see page 532/533, or see our 2-part pins (explanation see page 380) for cutters from 18 mm. For cutting depth more than 110 mm please ask us.



UK MADE MACHINES

BEST SELLER



430-570 mm Overall height

Overall width measured on pinion drive\*

280 mm Overall length

Special Characteristics



Sensor

Thanks to "HEAVY-DUTY" Twin Rail Slide System easily **110 mm** cutting depth possible. (Description on page 1130).

Motor Power Watts

1150

Tool holder

Morse taper 2 with Weldon 19 mm

Coolant supply

Internal, automatically

Stroke

180 mm | 6.31/32"

Voltage

230 Volts / 110 Volts

Magnetic adhesion

1250 kg | 2755 lb

Magnetic foot

85 x 170 mm

Swivel rotates

360°

Weight

13.50 kg  
29.80 lb

Movie



Bestseller - price reduced

230 Volt demonstration models available.



1139

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

Index

PROFESSIONAL

# KATV 55 BLUE-MAG · SENSOR · TWIN-RAIL SLIDE

EUROPE-VERSION

230 VOLTS

USA-VERSION

110 VOLTS

UK-VERSION

110 VOLTS

20 8025 010

20 8025 020

20 8025 030

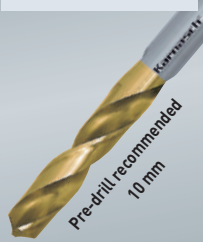
Core drilling



Ø 12-55 mm  
5/32"-2.11/64"

372-497, 516-530

Twist drilling



Ø 3-23 mm  
3/16"-29/32"

636

Countersinking



Ø 10-40 mm  
3/8"-1.37/64"

676-711

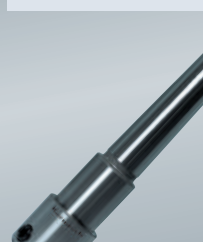
Tapping



Ø 6-20 mm  
15/64"-25/32"

637

Accessories



531-533, 538

Speed full load

Gear stages

1 = 100-250 rpm

2 = 180-450 rpm

The specified maximum diameter / cutting depths of the magnetic hole cutting machines, can only be guaranteed with **original** Karnasch drilling tools.

\* The machines are supplied as standard with a **55 mm cutting depth** holder. For **cutting depth up to 110 mm** please use our extra long holders see page 532/533, or see our 2-part pins (explanation see page 380) for cutters from 18 mm. For cutting depth more than 110 mm please ask us.



420-560 mm Overall height

BEST SELLER

Overall width measured on pinion drive\*

280 mm Overall length

Special Characteristics



Right/left running



Full wave electronic



Thermal/overheat protection



Sensor

Thanks to "HEAVY-DUTY" Twin Rail Slide System easily **110 mm** cutting depth possible. (Description on page 1130).

Motor Power Watts

1250

Tool holder

Morse taper 2 with Weldon 19 mm

Coolant supply

Internal, automatically

Stroke

170 mm | 6.5/8"

Voltage

230 Volts / 110 Volts

Magnetic adhesion

1250 kg | 2755 lb

Magnetic foot

85 x 180 mm Fixed

Weight

13.00 kg  
28.00 lb

Movie



Bestseller - price reduced

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10



# KATSV 55 BLUE-MAG · SENSOR · TWIN-RAIL SLIDE

**PROFESSIONAL**

EUROPE-VERSION

230 VOLTS

USA-VERSION

110 VOLTS

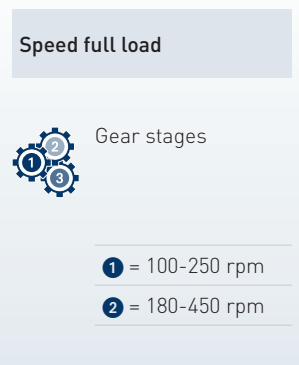
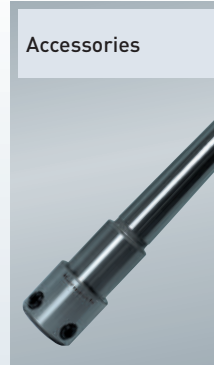
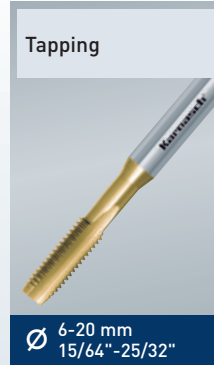
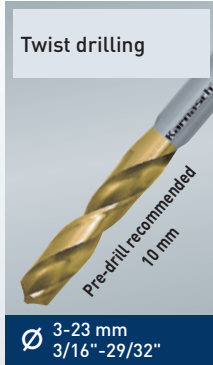
UK-VERSION

110 VOLTS

20 8026 010

20 8026 020

20 8026 030



372-497, 516-530

636

676-711

637

531-533, 538

The specified maximum diameter / cutting depths of the magnetic hole cutting machines, can only be guaranteed with **original** Karnasch drilling tools.

\* The machines are supplied as standard with a **55 mm cutting depth holder**. For **cutting depth up to 110 mm** please use our extra long holders see page 532/533, or see our 2-part pins (explanation see page 380) for cutters from 18 mm. For cutting depth more than 110 mm please ask us.



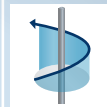
UK MADE MACHINES



Special Characteristics



Right/left running



Full wave electronic



Thermal/overheat protection



Sensor

Thanks to "HEAVY-DUTY" Twin Rail Slide System easily **110 mm** cutting depth possible. (Description on page 1130).

Motor Power Watts	1250
Tool holder	Morse taper 2 with Weldon 19 mm
Coolant supply	Internal, automatically
Stroke	195 mm   7.7/8"
Voltage	230 Volts / 110 Volts
Magnetic adhesion	1250 kg   2755 lb
Magnetic foot	85 x 180 mm Rotates 360°, moveable 16 mm forward & backwards
Weight	13.50 kg 29.80 lb

Constant torque forward and reverse **with built in time delay** for motor start. Gives motor and gearbox protection when switching from forward to reverse when tapping or reaming.

230 Volt demonstration models available.

Bestseller – price reduced



Movie



1141



Index

PROFESSIONAL

## KA 100 BLUE-MAG · SENSOR · TWIN-RAIL SLIDE

EUROPE-VERSION

230 VOLTS

USA-VERSION

110 VOLTS

UK-VERSION

110 VOLTS

20 8027 010

20 8027 020

20 8027 030

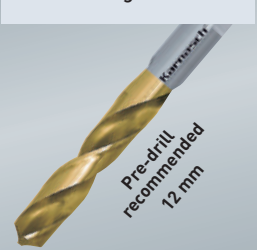
Core drilling



Ø 12-100 mm  
15/32" - 3.15/16"

372-497, 516-530

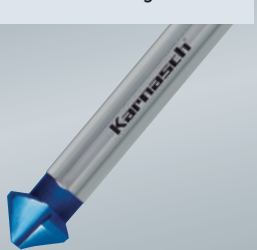
Twist drilling



Ø 3-32 mm  
3/16" - 1.17/64"

636

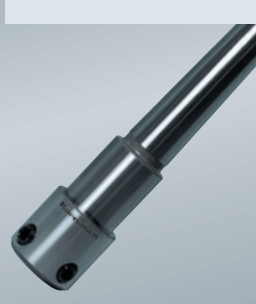
Countersinking



Ø 10-55 mm  
3/8" - 2.11/64"

676-711

Accessories



531-533, 538

Speed full load



Gear stages

- 1 = 110 rpm
- 2 = 175 rpm
- 3 = 245 rpm
- 4 = 385 rpm

The specified maximum diameter / cutting depths of the magnetic hole cutting machines, can only be guaranteed with **original** Karnasch drilling tools.

\* The machines are supplied as standard with a **55 mm cutting depth holder**. For **cutting depth up to 110 mm** please use our extra long holders see page 532/533, or see our 2-part pins (explanation see page 380) for cutters from 18 mm. For cutting depth more than 110 mm please ask us.



UK MADE MACHINES



Special Characteristics



Mechanical clutch



Sensor

Thanks to "HEAVY-DUTY" Twin Rail Slide System easily **200 mm** cutting depth possible (Description on page 1130).

Motor Power Watts **1700**

Holder in Machine Morse taper 3 with Weldon 19 mm (3/4") for annular cutter Ø 12-60 mm Morse taper for Ø = 61-100 mm, see accessories, page 531-533

Coolant supply Internal, automatically

Stroke **255 mm | 10.15/64"**

Voltage 230 Volts / 110 Volts

Magnetic adhesion **2050 kg | 4520 lb**

Magnetic foot 102 x 212 mm Fixed

Weight **21.00 kg | 46.00 lb**

Movie



Bestseller - price reduced



# KAS 100 BLUE-MAG · SENSOR · TWIN-RAIL SLIDE

PROFESSIONAL

EUROPE-VERSION

230 VOLTS

USA-VERSION

110 VOLTS

UK-VERSION

110 VOLTS

20 8028 010

20 8028 020

20 8028 030

**Core drilling**



240 mm  
9.21/32"

Ø 12-100 mm  
15/32"-3.15/16"

**Twist drilling**



Pre-drill recommended  
12 mm

Ø 3-32 mm  
3/16"-1.17/64"

**Countersinking**




Ø 10-55 mm  
3/8"-2.11/64"

**Accessories**



**Speed full load**



Gear stages

- 1 = 110 rpm
- 2 = 175 rpm
- 3 = 245 rpm
- 4 = 385 rpm

372-497, 516-530

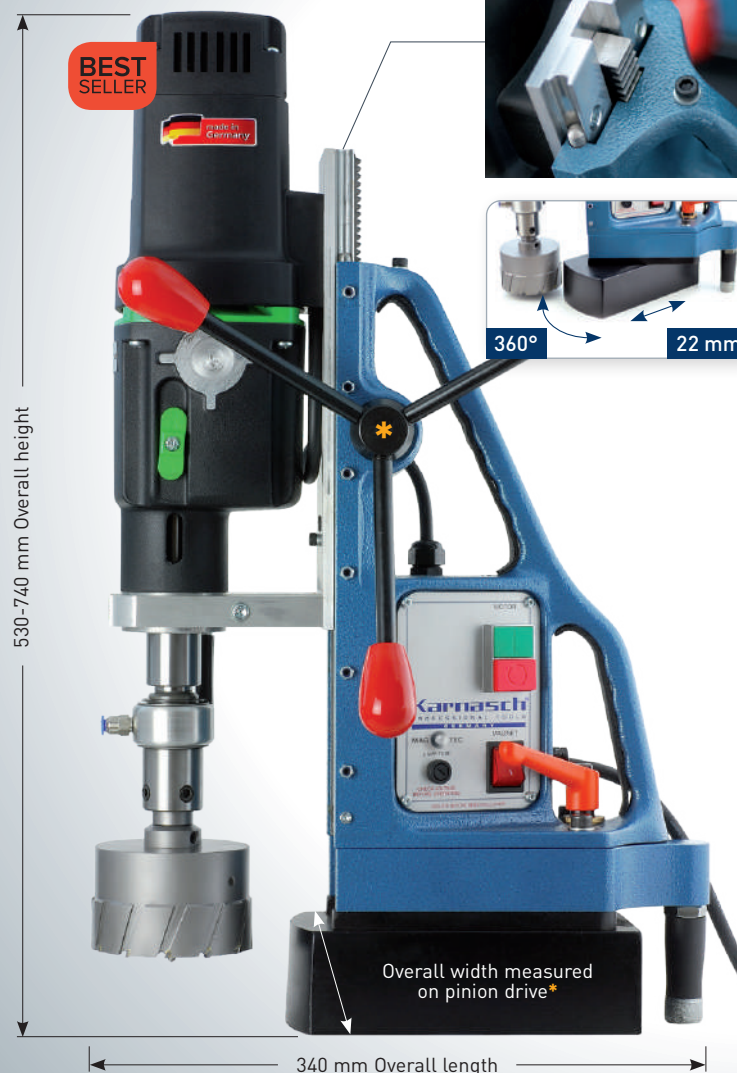
636

676-711

531-533, 538

The specified maximum diameter / cutting depths of the magnetic hole cutting machines, can only be guaranteed with **original** Karnasch drilling tools.

\* The machines are supplied as standard with a **55 mm cutting depth** holder. For **cutting depth up to 110 mm** please use our extra long holders see page 532/533, or see our 2-part pins (explanation see page 380) for cutters from 18 mm. For cutting depth more than 110 mm please ask us.



Special Characteristics



Mechanical clutch



Sensor

Thanks to "HEAVY-DUTY" Twin Rail Slide System easily **240 mm** cutting depth possible (Description on page 1130).

Motor Power Watts	1700
Holder in Machine	Morse taper 3 with Weldon 19 mm (3/4") for annular cutter Ø 12-60 mm Morse taper for Ø = 61-100 mm, see accessories, page 531-533
Coolant supply	Internal, automatically
Stroke	295 mm   12"
Voltage	230 Volts / 110 Volts
Magnetic adhesion	2050 kg   4520 lb
Magnetic foot	102 x 212 mm Rotates 360°, moveable 22 mm forward & backwards
Weight	22.50 kg 49.00 lb

230 Volt demonstration models available.

Bestseller - price reduced



PROFESSIONAL

# KATV 100 BLUE-MAG · SENSOR · TWIN-RAIL SLIDE

EUROPE-VERSION

230 VOLTS

USA-VERSION

110 VOLTS

UK-VERSION

110 VOLTS

20 8029 010

20 8029 020

20 8029 030

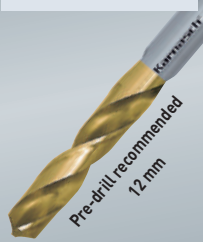
Core drilling



Ø 12-100 mm  
15/32" - 3.15/16"

372-497, 516-530

Twist drilling



Ø 3-32 mm  
3/16" - 1.17/64"

636

Countersinking



Ø 10-55 mm  
3/8-2.11/64"

676-711

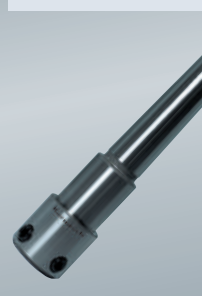
Tapping



Ø 6-32 mm  
15/64" - 1.17/64"

637

Accessories



531-533, 538

Speed full load

Gear stages

- 1 = 60-140 rpm
- 2 = 200-470 rpm

The specified maximum diameter / cutting depths of the magnetic hole cutting machines, can only be guaranteed with **original** Karnasch drilling tools.

\* The machines are supplied as standard with a **55 mm cutting depth** holder. For **cutting depth up to 110 mm** please use our extra long holders see page 532/533, or see our 2-part pins (explanation see page 380) for cutters from 18 mm. For cutting depth more than 110 mm please ask us.



Special Characteristics

- Right/left running
- Full wave electronic
- Thermal/overheat protection
- Mechanical clutch
- Sensor

Thanks to "HEAVY-DUTY" Twin Rail Slide System easily **220 mm** cutting depth possible (Description on page 1130).

Motor Power Watts	1800
Holder in Machine	Morse taper 3 with Weldon 19 mm (3/4") for annular cutter Ø 12-60 mm Morse taper for Ø = 61-100 mm, see accessories, page 531-533
Coolant supply	Internal, automatically
Stroke	255 mm   10.15/64"
Voltage	230 Volts / 110 Volts
Magnetic adhesion	2050 kg   4520 lb
Magnetic foot	85 x 180 mm Fixed
Weight	20.50 kg 45.00 lb

Constant torque forward and reverse with **built in time delay** for motor start. Gives motor and gearbox protection when switching from forward to reverse when tapping or reaming.

Bestseller – price reduced

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10



# KATSV 100 BLUE-MAG · SENSOR · TWIN-RAIL SLIDE

**PROFESSIONAL**

EUROPE-VERSION

230 VOLTS

USA-VERSION

110 VOLTS

UK-VERSION

110 VOLTS

20 8030 010

20 8030 020

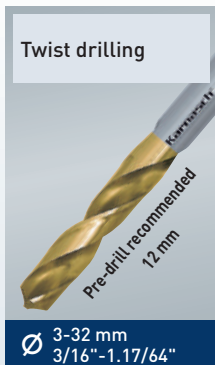
20 8030 030



Core drilling

Ø 12-100 mm  
15/32"-3.15/16"

372-497, 516-530



Twist drilling

Ø 3-32 mm  
3/16"-1.17/64"

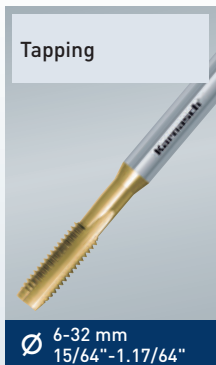
636



Countersinking

Ø 10-55 mm  
3/8"-2.11/64"

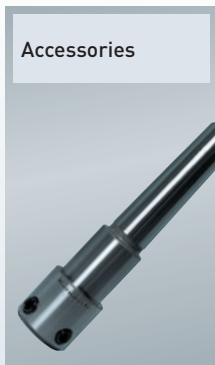
676-711



Tapping

Ø 6-32 mm  
15/64"-1.17/64"

637



Accessories

531-533, 538

Speed full load



Gear stages

1 = 60-140 rpm

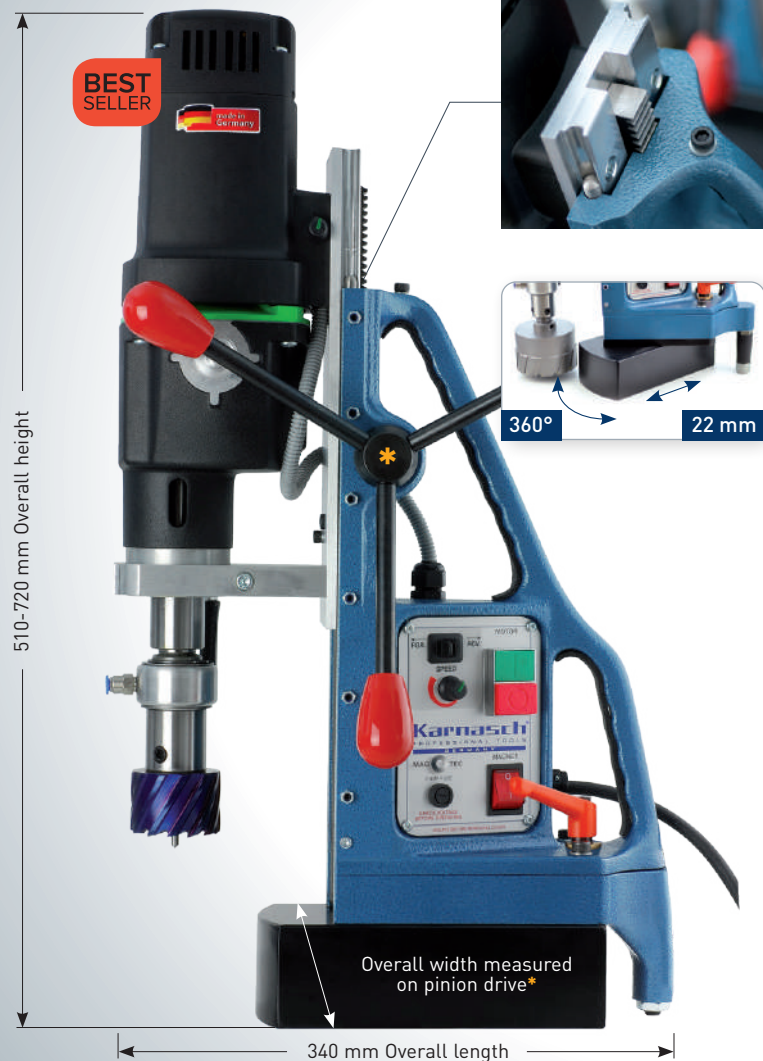
2 = 200-470 rpm

The specified maximum diameter / cutting depths of the magnetic hole cutting machines, can only be guaranteed with **original** Karnasch drilling tools.

\* The machines are supplied as standard with a **55 mm cutting depth holder**. For **cutting depth up to 110 mm** please use our extra long holders see page 532/533, or see our 2-part pins (explanation see page 380) for cutters from 18 mm. For cutting depth more than 110 mm please ask us.



UK MADE MACHINES



BEST SELLER



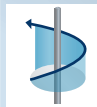
MADE IN GERMANY

Overall width measured on pinion drive\*

### Special Characteristics



Right/left running



Full wave electronic



Thermal/overheat protection



Mechanical clutch



Sensor

Thanks to "HEAVY-DUTY" Twin Rail Slide System easily **240 mm** cutting depth possible (Description on page 1130).

Motor Power Watts	1800
Holder in Machine	Morse taper 3 with Weldon 19 mm (3/4") for annular cutter Ø 12-60 mm Morse taper for Ø = 61-100 mm, see accessories, page 531-533
Coolant supply	Internal, automatically
Stroke	295 mm   12"
Voltage	230 Volts / 110 Volts
Magnetic adhesion	2050 kg   4520 lb
Magnetic foot	85 x 180 mm Rotates 360°, moveable 22 mm forward & backwards
Weight	25.50 kg 56.00 lb

Constant torque forward and reverse with built in time delay for motor start. Gives motor and gearbox protection when switching from forward to reverse when tapping or reaming.

230 Volt demonstration models available.

Bestseller - price reduced



SPECIALIST

# KALP 45 BLUE-MAG · SENSOR

EUROPE-VERSION

230 VOLTS

USA-VERSION

110 VOLTS

UK-VERSION

110 VOLTS

20 8031 010

20 8031 020

20 8031 030

### Core drilling



Ø 12-45 mm  
15/32" - 1.49/64"

372-497, 516-530

### Twist drilling



Ø 6-16 mm  
15/64" - 5/8"

530

Only possible with twist drill Art. 20 1710

### Countersinking



Ø 10-30 mm  
3/8" - 1.3/16"

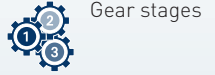
676-711

### Accessories



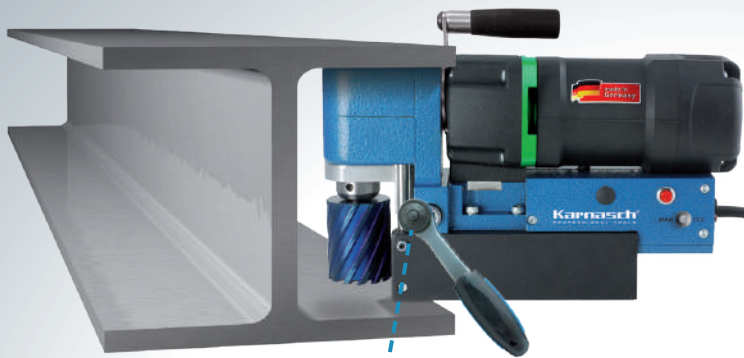
531-533, 538

### Speed full load



1 = 450 rpm

The specified maximum diameter / cutting depths of the magnetic hole cutting machines, can only be guaranteed with **original** Karnasch drilling tools.



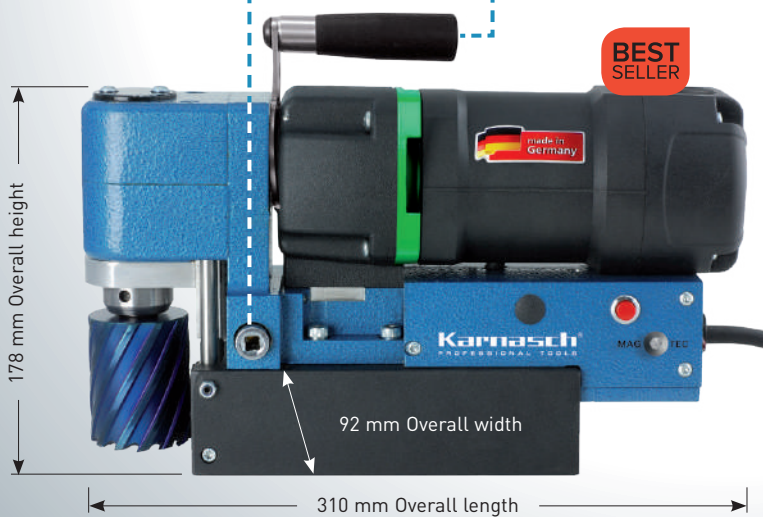
Feed via ratchet lever. Changeable for right and left hand operation.



Machine rotates 360° possible. Price on request



Handle removeable / moveable



### Special Characteristics



Sensor

Up to **55 mm** cutting depth can be achieved with machine height of only **178 mm**. Probably the lowest machine with the largest cutting depth on the market.

### Included Accessories

- safety belt
- ratched
- hex keys
- aerosols

Motor Power Watts	1100
Tool holder	Directly Weldon 19 mm
Coolant supply	Manual
Stroke	63 mm   2.1/2"
Voltage	230 Volts / 110 Volts
Magnetic adhesion	1200 kg   2645 lb
Magnetic foot	86 x 196 mm Fixed
Weight	11.00 kg 24.00 lb

Bestseller - price reduced

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10



# KATV 140 BLUE-MAG · SENSOR · TWIN-RAIL SLIDE

**SPECIALIST**

EUROPE-VERSION

230 VOLTS

USA-VERSION

110 VOLTS

UK-VERSION

110 VOLTS

20 8032 010

20 8032 020

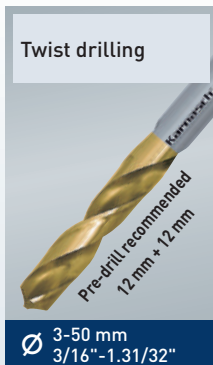
20 8032 030



Core drilling

Ø 12-140 mm  
15/32"-5.33/64"

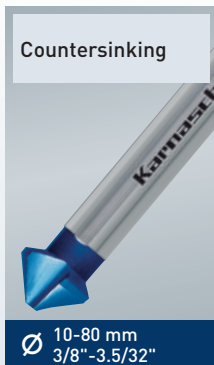
372-497, 516-530



Twist drilling

Ø 3-50 mm  
3/16"-1.31/32"

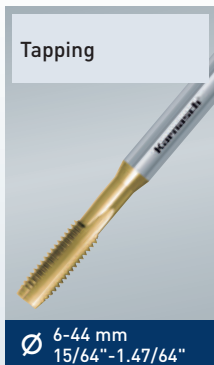
636



Countersinking

Ø 10-80 mm  
3/8"-3.5/32"

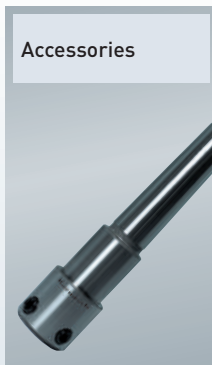
676-711



Tapping

Ø 6-44 mm  
15/64"-1.47/64"

637



Accessories

531-533, 538

Speed full load

Gear stages

- 1 = 30-80 rpm
- 2 = 50-120 rpm
- 3 = 130-350 rpm
- 4 = 210-550 rpm

The specified maximum diameter / cutting depths of the magnetic hole cutting machines, can only be guaranteed with **original** Karnasch drilling tools.

\* The machines are supplied as standard with a **55 mm cutting depth holder**. For **cutting depth up to 110 mm** please use our extra long holders see page 532/533, or see our 2-part pins (explanation see page 380) for cutters from 18 mm. For cutting depth more than 110 mm please ask us.



UK MADE MACHINES



**BEST SELLER**

### Special Characteristics

- Right/left running
- Full wave electronic
- Thermal/overheat protection
- Mechanical clutch
- Sensor

Thanks to "HEAVY-DUTY" Twin Rail Slide System easily **240 mm** cutting depth possible (Description on page 1130).

Motor Power Watts	2300
Accessories in machine	Adapter weldon 32 mm to 19 mm For annular cutter Ø 12-60 mm Morse taper 4 with weldon 32 mm (1.1/4") For annular cutter Ø 61-140 mm
Coolant supply	Internal, automatically
Stroke	320 mm   12"
Voltage	230 Volts / 110 Volts
Magnetic adhesion	2675 kg   5897 lb
Magnetic foot	120 x 240 mm Fixed
Weight	35.00 kg 73.00 lb

| Bestseller - price reduced

230 Volt demonstration models available.



SPECIALIST

# KATV 200 BLUE-MAG · SENSOR · TWIN-RAIL SLIDE

EUROPE-VERSION

230 VOLTS

USA-VERSION

110 VOLTS

UK-VERSION

110 VOLTS

20 8033 010

On request

20 8033 020

On request

20 8033 030

On request

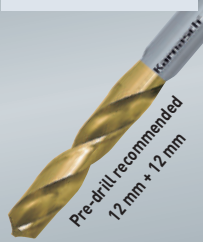
Core drilling



Ø 12-200 mm  
15/32"-7.7/8"

372-497, 516-530

Twist drilling



Ø 3-50 mm  
3/16"-1.31/32"

636

Countersinking



Ø 10-80 mm  
3/8"-3.5/32"

676-711

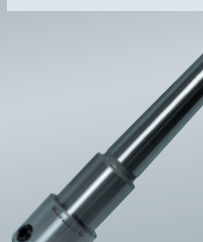
Tapping



Ø 6-44 mm  
15/64"-1.47/64"

637

Accessories



531-533, 538

Speed full load



Gear stages

- 1 = 30-80 rpm
- 2 = 50-120 rpm
- 3 = 130-350 rpm
- 4 = 210-550 rpm

The specified maximum diameter / cutting depths of the magnetic hole cutting machines, can only be guaranteed with **original** Karnasch drilling tools.

\* The machines are supplied as standard with a **55 mm cutting depth** holder. For **cutting depth up to 110 mm** please use our extra long holders see page 532/533, or see our 2-part pins (explanation see page 380) for cutters from 18 mm. For cutting depth more than 110 mm please ask us.

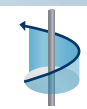


You are looking on a machine up to Ø 200 mm?  
We have a suitable model. Please contact us for more details.

Special Characteristics



Right/left running



Full wave electronic

Thanks to "HEAVY-DUTY" Twin Rail Slide System easily **240 mm** cutting depth possible (Description on page 1130).



Thermal/overheat protection



Mechanical clutch



Sensor



Motor Power Watts **2300**

Accessories in machine

Adapter weldon 32 mm to 19 mm  
For annular cutter Ø 12-60 mm  
Morse taper 4 with weldon 32 mm (1.1/4")  
For annular cutter Ø 61-200 mm

Coolant supply

Internal, automatically

Stroke

**320 mm | 12"**

Voltage

230 Volts / 110 Volts

Magnetic adhesion

**4100 kg | 9039 lb**

Magnetic foot

205  
x  
210 mm

Fixed

Weight

**45.00 kg  
99.20 lb**



# 7 MACHINES

MAGNETIC HOLE CUTTING MACHINES

7.1



1



2



3



4



5



6



7



8



9



10