

Quality products for metalworking.

PREMIUM-QUALITY IN ALL COMPONENTS, FROM TOOLS TO MACHINERY



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atagroup.com

MAGNETIC HOLE CUTTING MACHINES



'ONLY THE BEST'

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



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CONTACT

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atagroup.com

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| KA 35 SILVER-MAG <small>BEST SELLER</small> | TWIN SLIDE | 20 8013 EUROPE | 21 8013 USA | 22 8013 UK | 1156-1157 |
|--|-------------------|-----------------------|--------------------|-------------------|-----------|

| | | | | | | |
|--------------------|---|-------------------------------|--------------------------------|---|---|---|
| PREMIUM | Ø 5/32 to 1-3/8" Ø 12-35 mm Cutting depth max. 4" | Ø 3/16 to 45/64" Ø 3-18 mm | Ø 3/8 to 1-3/16" Ø 10-30 mm | - | - | - |
|--------------------|---|-------------------------------|--------------------------------|---|---|---|

| | | | | | |
|--|---------------------------------|---------------------------|------------------------|-----------------------|------|
| KA 38 BLUE-MAG <small>BEST SELLER</small> | SENSOR · TWIN-RAIL SLIDE | 20 8020 010 EUROPE | 20 8020 020 USA | 20 8020 030 UK | 1163 |
|--|---------------------------------|---------------------------|------------------------|-----------------------|------|

| | | | | | | |
|-------------------------|---|-------------------------------|--------------------------------|---|---|---|
| PROFESSIONAL | Ø 5/32 to 1-1/2" Ø 12-38 mm Cutting depth max. 4" | Ø 3/16 to 45/64" Ø 3-18 mm | Ø 3/8 to 1-3/16" Ø 10-30 mm | - | - | ✓ |
|-------------------------|---|-------------------------------|--------------------------------|---|---|---|

| | | | | | |
|--|---------------------------------|---------------------------|------------------------|-----------------------|------|
| KA 40 BLUE-MAG <small>BEST SELLER</small> | SENSOR · TWIN-RAIL SLIDE | 20 8021 010 EUROPE | 20 8021 020 USA | 20 8021 030 UK | 1164 |
|--|---------------------------------|---------------------------|------------------------|-----------------------|------|

| | | | | | | |
|-------------------------|---|-------------------------------|--------------------------------|---|---|---|
| PROFESSIONAL | Ø 12-40 mm Ø 5/32 to 1-37/64" Cutting depth max. 4" | Ø 3/16 to 45/64" Ø 3-18 mm | Ø 3/8 to 1-3/16" Ø 10-30 mm | - | - | ✓ |
|-------------------------|---|-------------------------------|--------------------------------|---|---|---|

| | | | | | |
|---|---------------------------------|---------------------------|------------------------|-----------------------|------|
| KAS 40 BLUE-MAG <small>BEST SELLER</small> | SENSOR · TWIN-RAIL SLIDE | 20 8022 010 EUROPE | 20 8022 020 USA | 20 8022 030 UK | 1165 |
|---|---------------------------------|---------------------------|------------------------|-----------------------|------|

| | | | | | | |
|-------------------------|---|-------------------------------|--------------------------------|---|---|---|
| PROFESSIONAL | Ø 5/32 to 1-37/64" Ø 12-40 mm Cutting depth max. 4" | Ø 3/16 to 45/64" Ø 3-18 mm | Ø 3/8 to 1-3/16" Ø 10-30 mm | - | ✓ | ✓ |
|-------------------------|---|-------------------------------|--------------------------------|---|---|---|

| | | | | | |
|--|---------------------------------|---------------------------|------------------------|-----------------------|------|
| KA 50 BLUE-MAG <small>BEST SELLER</small> | SENSOR · TWIN-RAIL SLIDE | 20 8023 010 EUROPE | 20 8023 020 USA | 20 8023 030 UK | 1166 |
|--|---------------------------------|---------------------------|------------------------|-----------------------|------|

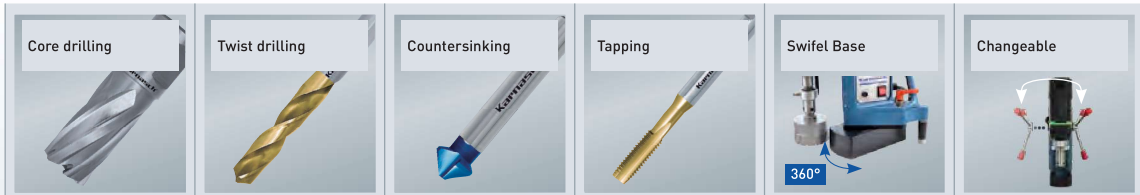
| | | | | | | |
|-------------------------|---|-------------------------------|---------------------------------|---|---|---|
| PROFESSIONAL | Ø 5/32 to 1-31/32" Ø 12-50 mm Cutting depth max. 4" | Ø 3/16 to 29/32" Ø 3-23 mm | Ø 3/8 to 1-37/64" Ø 10-40 mm | - | - | ✓ |
|-------------------------|---|-------------------------------|---------------------------------|---|---|---|

| | | | | | |
|---|---------------------------------|---------------------------|------------------------|-----------------------|------|
| KAS 50 BLUE-MAG <small>BEST SELLER</small> | SENSOR · TWIN-RAIL SLIDE | 20 8024 010 EUROPE | 20 8024 020 USA | 20 8024 030 UK | 1167 |
|---|---------------------------------|---------------------------|------------------------|-----------------------|------|

| | | | | | | |
|-------------------------|---|-------------------------------|---------------------------------|---|---|---|
| PROFESSIONAL | Ø 5/32 to 1-31/32" Ø 12-50 mm Cutting depth max. 4" | Ø 3/16 to 29/32" Ø 3-23 mm | Ø 3/8 to 1-37/64" Ø 10-40 mm | - | ✓ | ✓ |
|-------------------------|---|-------------------------------|---------------------------------|---|---|---|

| | | | | | |
|--|---------------------------------|---------------------------|------------------------|-----------------------|------|
| KATV 55 BLUE-MAG <small>BEST SELLER</small> | SENSOR · TWIN-RAIL SLIDE | 20 8025 010 EUROPE | 20 8025 020 USA | 20 8025 030 UK | 1168 |
|--|---------------------------------|---------------------------|------------------------|-----------------------|------|

| | | | | | | |
|-------------------------|---|-------------------------------|---------------------------------|--------------------------------|---|---|
| PROFESSIONAL | Ø 5/32 to 2-11/64" Ø 12-55 mm Cutting depth max. 4" | Ø 3/16 to 29/32" Ø 3-23 mm | Ø 3/8 to 1-37/64" Ø 10-40 mm | Ø 15/64 to 25/32" Ø 6-20 mm | - | ✓ |
|-------------------------|---|-------------------------------|---------------------------------|--------------------------------|---|---|


KATSV 55 BLUE-MAG BEST SELLER **SENSOR • TWIN-RAIL SLIDE**

20 8026 010 EUROPE **20 8026 020 USA** **20 8026 030 UK** 1169

| | | | | | | |
|-------------------------|----------------------------------|-------------------------------|---------------------------------|--------------------------------|---|---|
| PROFESSIONAL | Ø 5/32 to 2-11/64" Ø 12-55 mm | Ø 3/16 to 29/32" Ø 3-23 mm | Ø 3/8 to 1-37/64" Ø 10-40 mm | Ø 15/64 to 25/32" Ø 6-20 mm | | |
| | 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** 1170

| | | | | | | |
|-------------------------|------------------------------------|---------------------------------|---------------------------------|---|---|---|
| PROFESSIONAL | Ø 15/32 to 3-15/16" Ø 12-100 mm | Ø 3/16 to 1-17/64" Ø 3-32 mm | Ø 3/8 to 2-11/64" Ø 10-55 mm | | | |
| | 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** 1171

| | | | | | | |
|-------------------------|------------------------------------|---------------------------------|---------------------------------|---|---|---|
| PROFESSIONAL | Ø 15/32 to 3-15/16" Ø 12-100 mm | Ø 3/16 to 1-17/64" Ø 3-32 mm | Ø 3/8 to 2-11/64" Ø 10-55 mm | | | |
| | 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** 1172

| | | | | | | |
|-------------------------|------------------------------------|---------------------------------|---------------------------------|----------------------------------|---|---|
| PROFESSIONAL | Ø 15/32 to 3-15/16" Ø 12-100 mm | Ø 3/16 to 1-17/64" Ø 3-32 mm | Ø 3/8 to 2-11/64" Ø 10-55 mm | Ø 15/64 to 1-17/64" Ø 6-32 mm | | |
| | 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** 1173

| | | | | | | |
|-------------------------|------------------------------------|---------------------------------|---------------------------------|----------------------------------|---|---|
| PROFESSIONAL | Ø 15/32 to 3-15/16" Ø 12-100 mm | Ø 3/16 to 1-17/64" Ø 3-32 mm | Ø 3/8 to 2-11/64" Ø 10-55 mm | Ø 15/64 to 1-17/64" Ø 6-32 mm | | |
| | 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** 1174

| | | | | | | |
|-----------------------|-----------------------------------|------------------------------|--------------------------------|---|---|---|
| SPECIALIST | Ø 15/32 to 1-49/64" Ø 12-45 mm | Ø 15/64 to 5/8" Ø 6-16 mm | Ø 3/8 to 1-3/16" Ø 10-30 mm | | | |
| | 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** 1175

| | | | | | | |
|-----------------------|------------------------------------|---------------------------------|--------------------------------|----------------------------------|---|---|
| SPECIALIST | Ø 15/32 to 5-33/64" Ø 12-140 mm | Ø 3/16 to 1-31/32" Ø 3-50 mm | Ø 3/8 to 3-5/32" Ø 10-80 mm | Ø 15/64 to 1-47/64" Ø 6-44 mm | | |
| | Cutting depth max. 9-27/32" | | | | - | - |

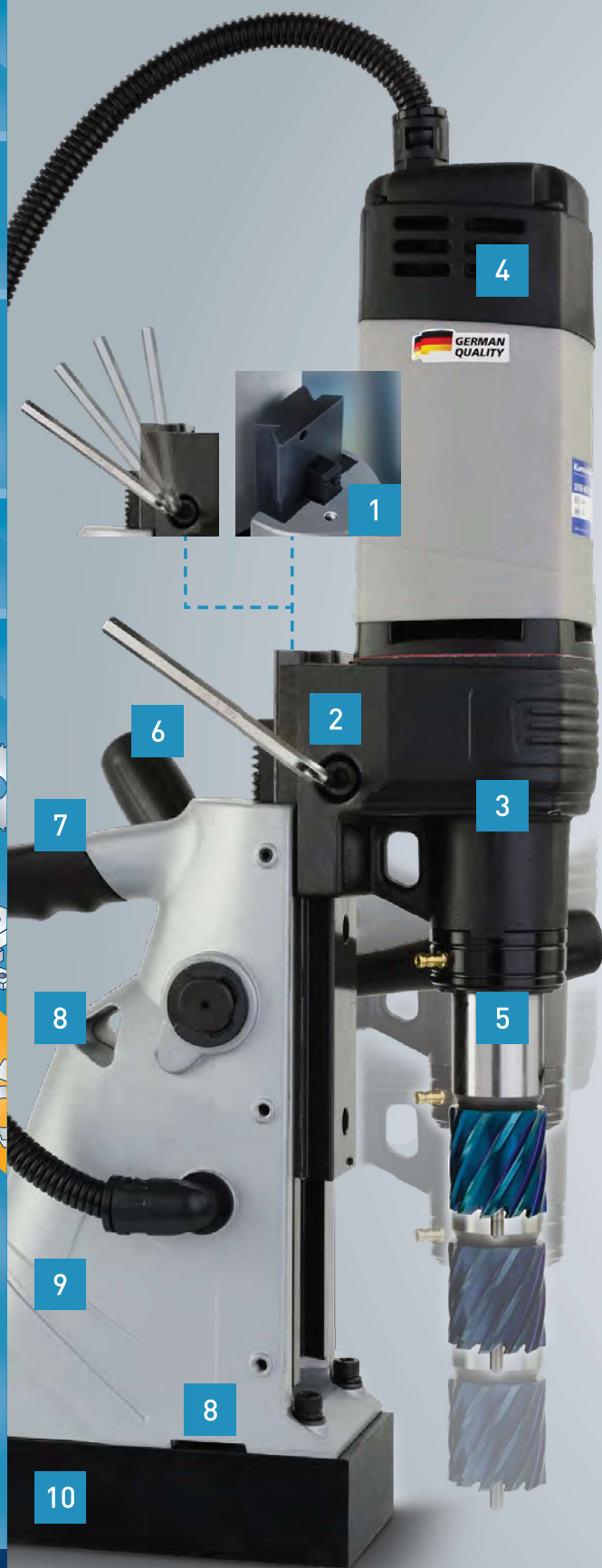
Up to Ø 7-27/32" [200 mm] possible 1176



PREMIUM

KA 35 SILVER-MAG · TWIN SLIDE

SPECIFICATION



- 1 BLACKDUR hardened sliding rail. This results in 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 self-rotate 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 the 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 guarantee 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

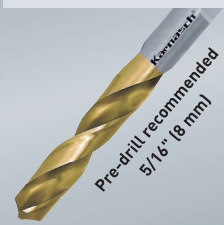
Core drilling



Ø 5/32 to 1-3/8"
12-35 mm

302-429, 448-462

Twist drilling



Ø 3/16 to 45/64"
3-18 mm

568

Countersinking



Ø 3/8 to 1-3/16"
10-30 mm

610-645

Accessories



463-465, 470

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 **2" (55 mm) cutting depth** holder. Please use our 2-part pins (explanation see page 310) for cutters from 45/64" (18 mm) if you need **cutting depth up to 4" (110 mm)**.



Special Characteristics

Thanks to Two-way sliding System stroke up to **8-17/64" (210 mm)** possible. (Description on page 1158).

Included Accessories

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



Motor Power Watts

1100

Tool holder

Directly Weldon 3/4" (19 mm)

Coolant supply

Internal, automatically

Stroke

4-23/32" up to 8-17/64" possible
120 mm up to 210 mm possible

Voltage

110 Volts / 230 Volts

Magnetic adhesion

2200 lb | 1000 kg

Magnetic foot

3-1/8 x 6-1/2"
(80 x 168 mm) Fixed

Weight

23.00 lb
10.50 kg

Movie



Bestseller



1157



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1



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.

2



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.

3



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.

4



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

5

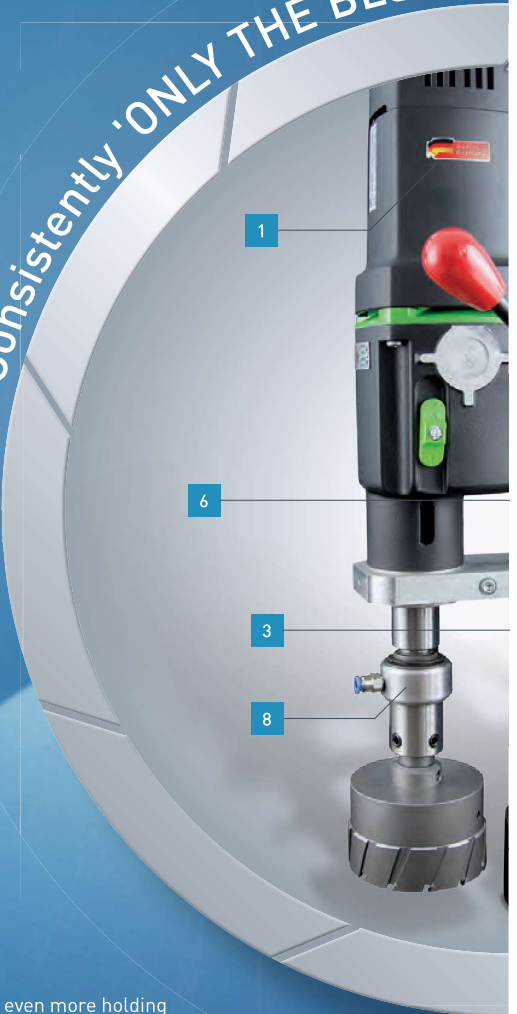


Removable coolant tank for external mounting with magnetic clip supplied. Coolant tank with quick release hose system and coolant fine adjustment. Well thought out and practical.

6



Consistently 'ONLY THE BEST'



7



8



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10



11

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 3/4" (19 mm) Weldon or
1-1/4" (32 mm) 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 5/8" (16 mm) or 13/16" (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



360° 5/8-55/64" (16-22 mm) 1159

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HEAVY-DUTY

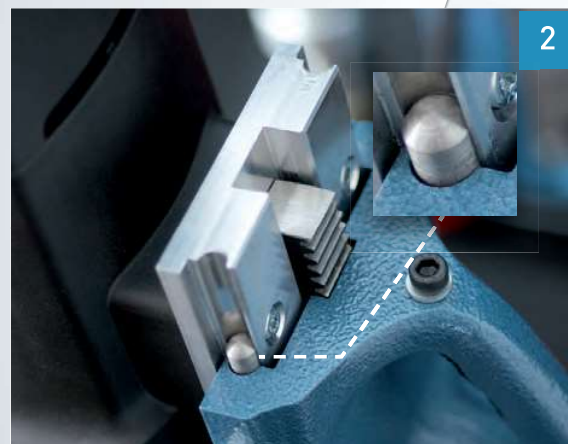
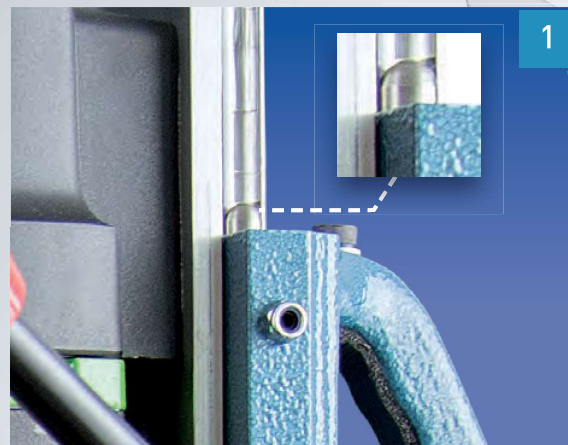
TWIN RAIL SLIDE SYSTEM

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.

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Karnasch®
PROFESSIONAL QUALITY TOOLS

NOW AVAILABLE ONLINE.

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→ Operating Instructions

→ Safety Instructions

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→ Motor Spare Parts Lists

→ Magnetic Stand Spare Parts List

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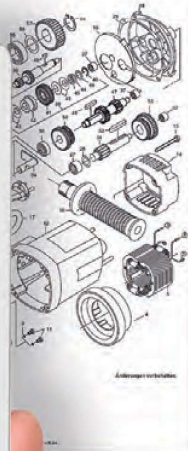
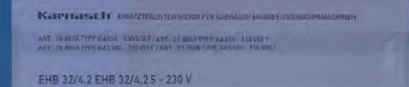
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POWER.
PRECISION.
PERFORMANCE.



Open here



Karnasch
PROFESSIONAL TOOLS

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

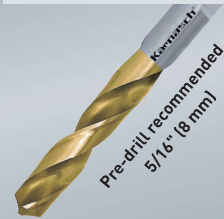
Core drilling



Ø 5/32 to 1-1/2"
12-38 mm

302-429, 448-462

Twist drilling



Ø 3/16 to 45/64"
3-18 mm

568

Countersinking



Ø 3/8 to 1-3/16"
10-30 mm

610-645

Accessories



463-465, 470

Speed full load



Gear stages

1 = 450 rpm

* The machines are supplied as standard with 2" (55 mm) cutting depth holder. Please use our 2-part pins (explanation see page 310) for cutters from 45/64" (18 mm) if you need cutting depth up to 4" (110 mm).



Special Characteristics



Sensor

Thanks to the Heavy Duty Twin Rail Slide System, 4" (110 mm) cutting depth is easily possible. (Description on page 1158).

| | |
|-------------------|---------------------------------------|
| Motor Power Watts | 1100 |
| Tool holder | Directly Weldon 3/4" (19 mm) |
| Coolant supply | Internal, automatically |
| Stroke | 6-5/8" 170 mm |
| Voltage | 110 Volts / 230 Volts |
| Magnetic adhesion | 2425 lb 1100 kg |
| Magnetic foot | 3-5/16 x 6-11/16" (85 x 170 mm) Fixed |
| Weight | 23.00 lb 10.50 kg |

Bestseller



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PROFESSIONAL

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

EUROPE-VERSION

230 VOLTS

USA-VERSION

110 VOLTS

UK-VERSION

110 VOLTS

20 8021 010

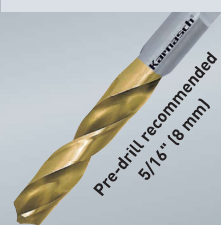
20 8021 020

20 8021 030

Core drilling

 Ø 5/32 to 1-37/64"
 12-40 mm

302-429, 448-462

Twist drilling

 Ø 3/16 to 45/64"
 3-18 mm

568

Countersinking

 Ø 3/8 to 1-3/16"
 10-30 mm

610-645

Accessories


463-465, 470

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 **2" (55 mm) cutting depth holder**. Please use our 2-part pins (explanation see page 310) for cutters from 45/64" (18 mm) if you need **cutting depth up to 4" (110 mm)**.

Special Characteristics


Sensor

 Thanks to the Heavy Duty Twin Rail Slide System, **4" (110 mm) cutting depth** is easily possible. (Description on page 1158).


Motor Power Watts

1100

Tool holder

Directly Weldon 3/4" (19 mm)

Coolant supply

Internal, automatically

Stroke

6-5/8" | 170 mm

Voltage

110 Volts / 230 Volts

Magnetic adhesion

2425 lb | 1100 kg

Magnetic foot

 3-5/16 x
 6-11/16"
 (85 x 170 mm)

Fixed

Weight

**25.00 lb
 11.50 kg**

Movie



Bestseller

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

 Ø 5/32 to 1-37/64"
 12-40 mm

302-429, 448-462

Twist drilling

 Ø 3/16 to 45/64"
 3-18 mm

568

Countersinking

 Ø 3/8 to 1-3/16"
 10-30 mm

610-645

Accessories


463-465, 470

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 2" (55 mm) cutting depth holder. Please use our 2-part pins (explanation see page 310) for cutters from 45/64" (18 mm) if you need cutting depth up to 4" (110 mm).

Special Characteristics


Sensor

Thanks to the Heavy Duty Twin Rail Slide System, 4" (110 mm) cutting depth is easily possible. (Description on page 1158).



| | |
|-------------------|---|
| Motor Power Watts | 1100 |
| Tool holder | Directly Weldon 3/4" (19 mm) |
| Coolant supply | Internal, automatically |
| Stroke | 6-31/32" 180 mm |
| Voltage | 110 Volts / 230 Volts |
| Magnetic adhesion | 2425 lb 1100 kg |
| Magnetic foot | 3-5/16 x 6-11/16" (85 x 170 mm) Swivel rotates 360° |
| Weight | 26.00 lb 12.00 kg |

Movie



Bestseller



1165

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PROFESSIONAL

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

EUROPE-VERSION

230 VOLTS

USA-VERSION

110 VOLTS

UK-VERSION

110 VOLTS

20 8023 010

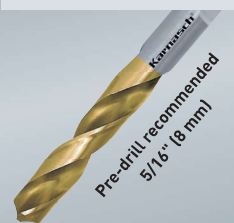
20 8023 020

20 8023 030

Core drilling

 Ø 5/32 to 1-31/32"
 12-50 mm

302-429, 448-462

Twist drilling

 Ø 3/16 to 29/32"
 3-23 mm

568

Countersinking

 Ø 3/8 to 1-37/64"
 10-40 mm

610-645

Accessories


463-465, 470

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 **2" (55 mm) cutting depth** holder. For **cutting depth up to 4" (110 mm)** please use our extra long holders see pages 464/465, or see our 2-part pins (explanation see page 310) for cutters from 45/64" (18 mm). For cutting depth more than 4" (110 mm) please ask us.

Special Characteristics

Sensor

Thanks to the Heavy Duty Twin Rail Slide System, **4" (110 mm)** cutting depth is easily possible. (Description on page 1158).



Motor Power Watts

1150

Tool holder

 Morse taper 2 with Weldon 3/4"
 (19 mm)

Coolant supply

Internal, automatically

Stroke

6-5/8" | 170 mm

Voltage

110 Volts / 230 Volts

Magnetic adhesion

2755 lb | 1250 kg

Magnetic foot

 3-5/16 x
 7-1/16"
 (85 x 180 mm)

Fixed

Weight

28.00 lb
13.00 kg

Movie


Bestseller

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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

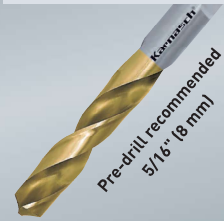
Core drilling



Ø 5/32 to 1-31/32"
12-50 mm

302-429, 448-462

Twist drilling



Ø 3/16 to 29/32"
3-23 mm

568

Countersinking



Ø 3/8 to 1-37/64"
10-40 mm

610-645

Accessories



463-465, 470

Speed full load



Gear stages

1 = 250 rpm

2 = 450 rpm

* The machines are supplied as standard with a 2" (55 mm) cutting depth holder. For cutting depth up to 4" (110 mm) please use our extra long holders see pages 464/465, or see our 2-part pins (explanation see page 310) for cutters from 45/64" (18 mm). For cutting depth more than 4" (110 mm) please ask us.

Special Characteristics



Sensor

Thanks to the Heavy Duty Twin Rail Slide System, 4" (110 mm) cutting depth is easily possible. [Description on page 1158].



Motor Power Watts

1150

Tool holder

Morse taper 2 with Weldon 3/4" (19 mm)

Coolant supply

Internal, automatically

Stroke

6-31/32" | 180 mm

Voltage

110 Volts / 230 Volts

Magnetic adhesion

2755 lb | 1250 kg

Magnetic foot

3-5/16 x 6-11/16"
(85 x 170 mm)

Swivel rotates

360°

Weight

29.80 lb

13.50 kg

Movie



Bestseller

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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

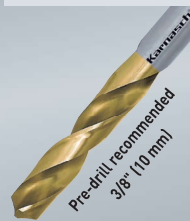
20 8025 030

Core drilling


 Ø 5/32 to 2-11/64"
 12-55 mm

302-429, 448-462

Twist drilling


 Ø 3/16 to 29/32"
 3-23 mm

568

Countersinking


 Ø 3/8 to 1-37/64"
 10-40 mm

610-645

Tapping


 Ø 15/64 to 25/32"
 6-20 mm

569

Accessories



463-465, 470

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 2" (55 mm) cutting depth holder. For cutting depth up to 4" (110 mm) please use our extra long holders see pages 464/465, or see our 2-part pins (explanation see page 310) for cutters from 45/64" (18 mm). For cutting depth more than 4" (110 mm) please ask us.

Special Characteristics



Right/left running



Full wave electronic



Thermal/overheat protection



Sensor

Thanks to the Heavy Duty Twin Rail Slide System, 4" (110 mm) cutting depth is easily possible. (Description on page 1158).



Motor Power Watts

1250

Tool holder

Morse taper 2 with Weldon 3/4" (19 mm)

Coolant supply

Internal, automatically

Stroke

6-5/8" | 170 mm

Voltage

110 Volts / 230 Volts

Magnetic adhesion

2755 lb | 1250 kg

Magnetic foot

 3-5/16 x
 7-1/16"
 (85 x 180 mm)

Fixed

Weight

28.00 lb

13.00 kg

Movie



Bestseller

1



2



3



4



5



6



7



8



9



10



11

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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

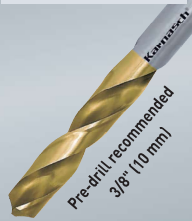
Core drilling



Ø 5/32 to 2-11/64"
12-55 mm

302-429, 448-462

Twist drilling



Ø 3/16 to 29/32"
3-23 mm

568

Countersinking



Ø 3/8 to 1-37/64"
10-40 mm

610-645

Tapping



Ø 15/64 to 25/32"
6-20 mm

569

Accessories



463-465, 470

Speed full load

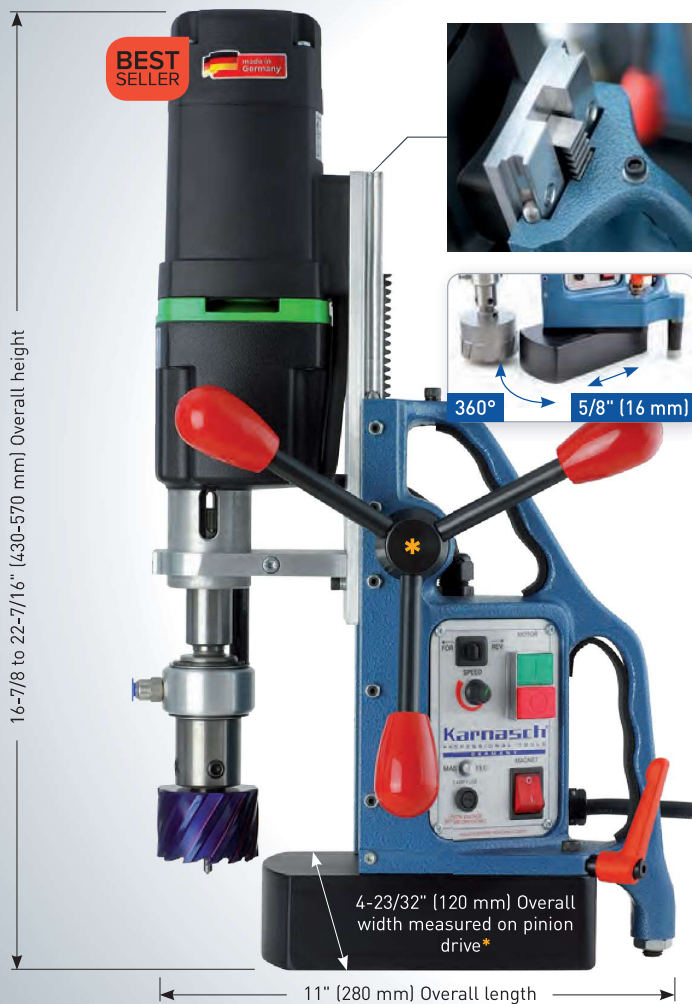


1 = 100-250 rpm

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 2" (55 mm) cutting depth holder. For cutting depth up to 4" (110 mm) please use our extra long holders see pages 464/465, or see our 2-part pins (explanation see page 310) for cutters from 45/64" (18 mm). For cutting depth more than 4" (110 mm) please ask us.



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.

Special Characteristics



Right/left running



Full wave electronic



Thermal/overheat protection



Sensor

Thanks to the Heavy Duty Twin Rail Slide System, 4" (110 mm) cutting depth is easily possible. (Description on page 1158).

Motor Power Watts

1250

Tool holder

Morse taper 2 with Weldon 3/4" (19 mm)

Coolant supply

Internal, automatically

Stroke

7-7/8" | 195 mm

Voltage

110 Volts / 230 Volts

Magnetic adhesion

2755 lb | 1250 kg

Magnetic foot

3-5/16 x 7-1/16" (85 x 180 mm)

Rotates 360°, moveable 5/8" (16 mm) forward & backwards

Weight

29.80 lb

13.50 kg

Movie



Bestseller

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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 15/32 to 3-15/16"
 12-100 mm

302-429, 448-462

Twist drilling

 Ø 3/16 to 1-17/64"
 3-32 mm

568

Countersinking

 Ø 3/8 to 2-11/64"
 10-55 mm

610-645

Accessories


463-465, 470

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 **2" (55 mm) cutting depth holder**. For **cutting depth up to 4" (110 mm)** please use our extra long holders see pages 464/465, or see our 2-part pins (explanation see page 310) for cutters from 45/64" (18 mm). For cutting depth more than 4" (110 mm) please ask us.

Special Characteristics

Mechanical clutch

Sensor

Thanks to the Heavy Duty Twin Rail Slide System, **7-27/32" (200 mm) cutting depth** is easily possible. (Description on page 1158).


Motor Power Watts
1700
Holder in Machine

 Morse taper 3 with Weldon 3/4" (19 mm) for annular cutter
 Ø 5/32 to 2-23/64" (12-60 mm)
 Morse taper for Ø = 2-13/32 to 3-15/16" (61-100 mm), see accessories, pages 463-465

Coolant supply

Internal, automatically

Stroke
10-15/64" | 255 mm
Voltage

110 Volts / 230 Volts

Magnetic adhesion
4520 lb | 2050 kg
Magnetic foot

 4 x 8-5/8"
 (102 x 212 mm)

Fixed

Weight
**46.00 lb
 21.00 kg**

Movie


Bestseller

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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

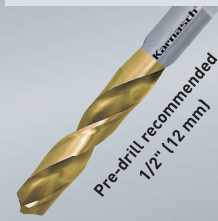
Core drilling



Ø 15/32 to 3-15/16"
12-100 mm

302-429, 448-462

Twist drilling



Ø 3/16 to 1-17/64"
3-32 mm

568

Countersinking



Ø 3/8 to 2-11/64"
10-55 mm

610-645

Accessories



463-465, 470

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 **2" (55 mm) cutting depth holder**. For **cutting depth up to 4" (110 mm)** please use our extra long holders see pages 464/465, or see our 2-part pins (explanation see page 310) for cutters from 45/64" (18 mm). For cutting depth more than 4" (110 mm) please ask us.

Special Characteristics



Mechanical clutch



Sensor

Thanks to the Heavy Duty Twin Rail Slide System, **9-7/16" (240 mm) cutting depth** is easily possible. (Description on page 1158).



Motor Power Watts

1700

Holder in Machine

Morse taper 3 with Weldon 3/4" (19 mm) for annular cutter Ø 5/32 to 2-23/64" (12-60 mm)
Morse taper for Ø = 2-13/32 to 3-15/16" (61-100 mm), see accessories, pages 463-465

Coolant supply

Internal, automatically

Stroke

12" | 295 mm

Voltage

110 Volts / 230 Volts

Magnetic adhesion

4520 lb | 2050 kg

Magnetic foot

4 × 8-5/8"
(102 × 212 mm)

Rotates 360°, moveable 55/64" (22 mm) forward & backwards

Weight

49.00 lb
22.50 kg

Movie



Bestseller



1171

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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 | o |


| Core drilling | Twist drilling | Countersinking | Tapping | Accessories | Speed full load |
|---|--|---|--|---|---|
|  8-21/32" * 220 mm |  Pre-drill recommended 1 1/2" (12 mm) |  |  |  |  Gear stages 1 = 60-140 rpm 2 = 200-470 rpm |
| Ø 15/32 to 3-15/16" 12-100 mm | Ø 3/16 to 1-17/64" 3-32 mm | Ø 3/8 to 2-11/64" 10-55 mm | Ø 15/64 to 1-17/64" 6-32 mm | | |
| 302-429, 448-462 | 568 | 610-645 | 569 | 463-465, 470 | |

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 2" (55 mm) cutting depth holder. For cutting depth up to 4" (110 mm) please use our extra long holders see pages 464/465, or see our 2-part pins (explanation see page 310) for cutters from 45/64" (18 mm). For cutting depth more than 4" (110 mm) please ask us.



Special Characteristics

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

Thanks to the Heavy Duty Twin Rail Slide System, 8-21/32" (220 mm) cutting depth is easily possible. (Description on page 1158).

| | |
|-------------------|--|
| Motor Power Watts | 1800 |
| Holder in Machine | Morse taper 3 with Weldon 3/4" (19 mm) for annular cutter Ø 5/32 to 2-23/64" (12-60 mm) Morse taper for Ø = 2-13/32 to 3-15/16" (61-100 mm), see accessories, pages 463-465 |
| Coolant supply | Internal, automatically |
| Stroke | 10-15/64" 255 mm |
| Voltage | 110 Volts / 230 Volts |
| Magnetic adhesion | 4520 lb 2050 kg |
| Magnetic foot | 3-5/16 × 7-1/16" (85 × 180 mm) Fixed |
| Weight | 45.00 lb 20.50 kg |

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



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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

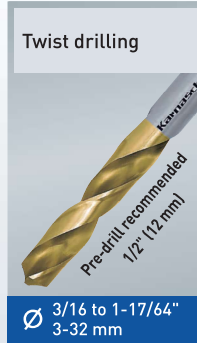
20 8030 030



Core drilling

Ø 15/32 to 3-15/16"
12-100 mm

302-429, 448-462



Twist drilling

Ø 3/16 to 1-17/64"
3-32 mm

568



Countersinking

Ø 3/8 to 2-11/64"
10-55 mm

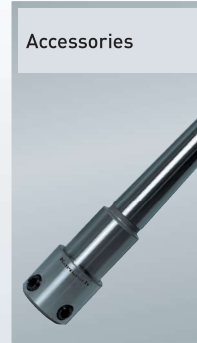
610-645



Tapping

Ø 15/64 to 1-17/64"
6-32 mm

569



Accessories

463-465, 470

Speed full load



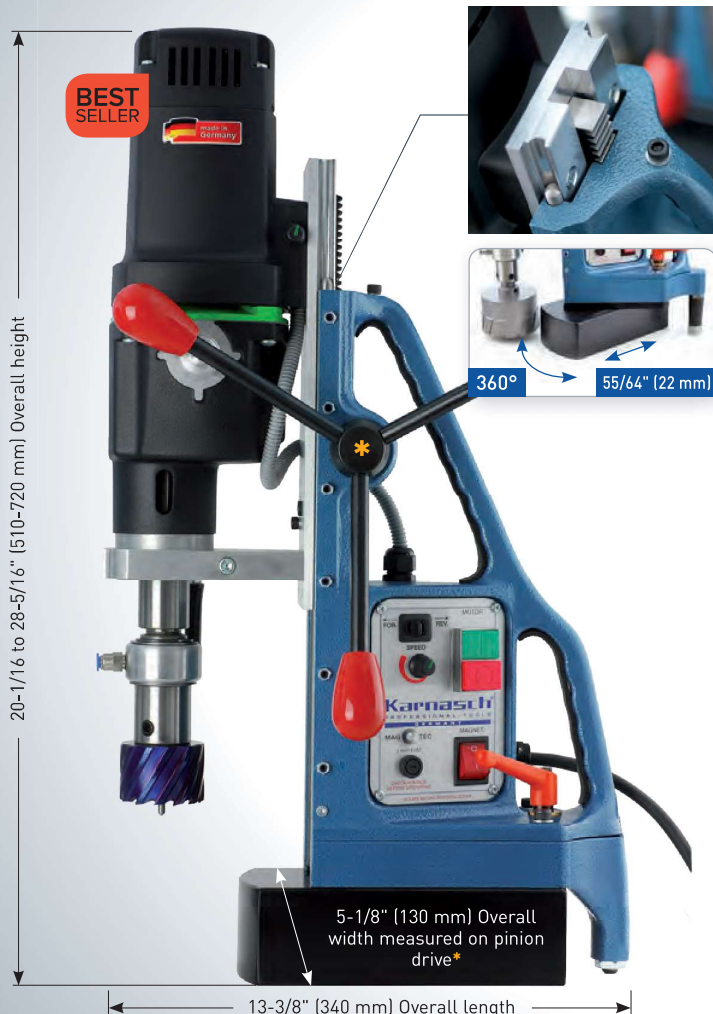
Gear stages

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 **2" (55 mm) cutting depth holder**. For **cutting depth up to 4" (110 mm)** please use our extra long holders see pages 464/465, or see our 2-part pins (explanation see page 310) for cutters from 45/64" (18 mm). For cutting depth more than 4" (110 mm) please ask us.



Special Characteristics

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

Thanks to the Heavy Duty Twin Rail Slide System, **9-7/16" (240 mm) cutting depth** is easily possible. [Description on page 1158].

| | |
|-------------------|--|
| Motor Power Watts | 1800 |
| Holder in Machine | Morse taper 3 with Weldon 3/4" (19 mm) for annular cutter Ø 5/32 to 2-23/64" (12-60 mm) Morse taper for Ø = 2-13/32 to 3-15/16" (61-100 mm), see accessories, pages 463-465 |
| Coolant supply | Internal, automatically |
| Stroke | 12" 295 mm |
| Voltage | 110 Volts / 230 Volts |
| Magnetic adhesion | 4520 lb 2050 kg |
| Magnetic foot | 3-5/16" x 7-1/16" (85 x 180 mm) Rotates 360°, moveable 55/64" (22 mm) forward & backwards |
| Weight | 56.00 lb 25.50 kg |

Movie



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

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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 15/32 to 1-49/64
 12-45 mm

302-429, 448-462

Twist drilling

 Ø 15/64 to 5/8"
 6-16 mm

462

 Only possible
 with twist drill
 Art. 20 1710

Countersinking

 Ø 3/8 to 1-3/16"
 10-30 mm

610-645

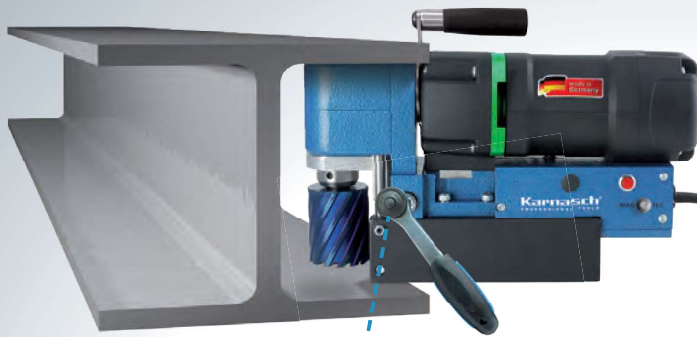
Accessories


463-465, 470

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.

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

 Machine rotates 360° possible.
 Price on request

 Handle removeable /
 moveable

**BEST
 SELLER**
Special Characteristics

Sensor
Included Accessories

- safety belt
- ratched
- hex keys
- aerosols

 Up to **2" (55 mm)** cutting
 depth can be achieved with
 machine height of only **7-1/16"**
(180 mm). Probably the
 lowest machine with the
 largest cutting depth on
 the market.

Motor Power Watts

1100

Tool holder

Directly Weldon 3/4" (19 mm)

Coolant supply

Manual

Stroke

2-1/2" | 63 mm

Voltage

110 Volts / 230 Volts

Magnetic adhesion

2645 lb | 1200 kg

Magnetic foot

 3-3/8 ×
 7-11/16"
 (86 × 196 mm)

Fixed

Weight

**24.00 lb
 11.00 kg**

Movie


Bestseller

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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 15/32 to 5-33/64\"
12-140 mm

302-429, 448-462

Twist drilling



Ø 3/16 to 1-31/32\"
3-50 mm

568

Countersinking



Ø 3/8 to 3-5/32\"
10-80 mm

610-645

Tapping



Ø 15/64 to 1-47/64\"
6-44 mm

569

Accessories



463-465, 470

Speed full load

Gear stages



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

* The machines are supplied as standard with a 2" (55 mm) cutting depth holder. For cutting depth up to 4" (110 mm) please use our extra long holders see pages 464/465, or see our 2-part pins (explanation see page 310) for cutters from 45/64" (18 mm). For cutting depth more than 4" (110 mm) please ask us.



Special Characteristics



Right/left running



Full wave electronic



Thermal/overheat protection



Mechanical clutch



Sensor

Thanks to the Heavy Duty Twin Rail Slide System, 9-7/16" (240 mm) cutting depth is easily possible. (Description on page 1158).

Motor Power Watts

2300

Accessories in machine

Adapter weldon 1-1/4" (32 mm) to 3/4" (19 mm)
For annular cutter Ø 5/32 to 2-23/64" (12-60 mm)
Morse taper 4 with weldon 1-1/4" (32 mm)
For annular cutter Ø 2-13/32 to 5-33/64" (61-140 mm)

Coolant supply

Internal, automatically

Stroke

12" | 320 mm

Voltage

110 Volts / 230 Volts

Magnetic adhesion

5897 lb | 2675 kg

Magnetic foot

4-11/16 × 9-7/16" (120 × 240 mm)

Fixed

Weight

73.00 lb
35.00 kg

Movie





Bestseller



SPECIALIST

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






| EUROPE-VERSION | 230 VOLTS | USA-VERSION | 110 VOLTS | UK-VERSION | 110 VOLTS |
|----------------|-----------------------|-------------|-----------------------|-------------|-----------------------|
| 20 8033 010 | <input type="radio"/> | 20 8033 020 | <input type="radio"/> | 20 8033 030 | <input type="radio"/> |

| Core drilling | Twist drilling | Countersinking | Tapping | Accessories | Speed full load |
|--|--|---|--|---|--|
|  <p>9-27/32" * 240 mm</p> |  <p>Pre-drill recommended 1/2" + 1/2" (12 mm + 12 mm)</p> |  |  |  |  <p>Gear stages</p> <ul style="list-style-type: none"> 1 = 30-80 rpm 2 = 50-120 rpm 3 = 130-350 rpm 4 = 210-550 rpm |
| <p>Ø 15/32 to 7-7/8" 12-200 mm</p> <p>302-429, 448-462</p> | <p>Ø 3/16 to 1-31/32" 3-50 mm</p> <p>568</p> | <p>Ø 3/8 to 3-5/32" 10-80 mm</p> <p>610-645</p> | <p>Ø 15/64 to 1-47/64" 6-44 mm</p> <p>569</p> | <p>463-465, 470</p> | |

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 2" (55 mm) cutting depth holder. For cutting depth up to 4" (110 mm) please use our extra long holders see pages 464/465, or see our 2-part pins (explanation see page 310) for cutters from 45/64" (18 mm). For cutting depth more than 4" (110 mm) please ask us.

You are looking on a machine up to Ø 7-27/32" (200 mm)?
We have a suitable model. Please contact us for more details.

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

Thanks to the Heavy Duty Twin Rail Slide System, 9-7/16" (240 mm) cutting depth is easily possible. (Description on page 1158).



| | |
|------------------------|---|
| Motor Power Watts | 2300 |
| Accessories in machine | Adapter weldon 1-1/4" (32 mm) to 3/4" (19 mm) For annular cutter Ø 5/32 to 2-23/64" (12-60 mm) Morse taper 4 with weldon 1-1/4" (32 mm) For annular cutter Ø 2-13/32 to 7-27/32" (61-200 mm) |
| Coolant supply | Internal, automatically |
| Stroke | 12" 320 mm |
| Voltage | 110 Volts / 230 Volts |
| Magnetic adhesion | 9039 lb 4100 kg |
| Magnetic foot | 8-1/16 × 8-1/4" (205 × 210 mm) Fixed |
| Weight | 99.20 lb 45.00 kg |

Movie



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