

MB BL-V series -

Universally applicable magnetic drilling machines for drilling, tapping, reaming and countersinking

► BRUSHLESS motor

Brushless motor for higher energy efficiency, lower maintenance requirements and maximum service life

► Soft start

Controlled, material-friendly start reduces mechanical stress, protects the engine and gearbox and increases precision and work safety

► Electronic speed control

Infinitely variable, electronic speed control for optimum adaptation to different materials and applications

► Digital machine monitoring

Integrated display shows all relevant parameters

► Ergonomic operating concept

Large LED silicone buttons in the visible area for intuitive, confusion-proof operation

► Magnetic holding force indicator

Visual control of the holding force for maximum safety

MB 351 BL-V



MB 502 BL-V



MB 653 BL-V



Technical data		MB 351 BL-V	MB 502 BL-V	MB 653 BL-V
Art no.		3866035	3866052	3866065
Core drill-Ø max. with manual feed	mm	35	50	60
Drilling depth max. core drilling with manual feed	mm	50	50	45
Drill holder		Weldon 3/ 4"	Weldon 3/ 4"	MT 3
Speed(s) at idle (clockwise rotation)	min ⁻¹	100 – 550	100 – 260 / 480	190 / 230 / 490
Magnet holding force	N	14800	15600	16000
Magnetic base length/width	mm	166 x 80	166 x 80	202 x 110
Motor power ~50 Hz	kW/V	1.6 / 230	1.8 / 230	2 / 230
Protection class		IP 42	IP 42	IP 42
Dimensions (LxWxH) approx.	mm	250 x 220 x 500	250 x 220 x 500	370 x 180 x 580
Weight approx.	kg	12	12	16

► **Gearbox variants**

Models with 1-, 2- or 3-speed gearboxes for different torque and speed requirements

► **Left/right rotation**

Switchable direction of rotation for versatile applications

► **Tilt sensor**

Automatic switch-off in the event of slipping or tipping for maximum work safety

► **Integrated coolant tank**

Direct coolant supply for extended service life of the core drills and improved drilling performance

► **Easy to transport**

Practical carrying handle and tool case for easy and safe transport



► LED silicone buttons for intuitive, confusion-proof operation

MB 853 BL-V



MB 1003 BL-V



► Integrated display shows all relevant parameters such as voltage, current, real-time power, power factor, mains frequency, operating time, power consumption and motor temperature

Technical data		MB 853 BL-V	MB 1003 BL-V
Art no.		3866085	3866100
Core drill-Ø max. with manual feed	mm	85	100
Drilling depth max. core drilling with manual feed	mm	50	55
Drill holder		MT 3	MT 3
Speed(s) at idle (clockwise rotation)	min ⁻¹	170 / 210 / 430	100 / 130 / 260
Magnet holding force	N	18800	19800
Magnetic base length/width	mm	220 x 110	220 x 110
Motor power ~50 Hz	kW/V	2 / 230	2.3 / 230
Protection class		IP 42	IP 42
Dimensions (LxWxH) approx.	mm	370 x 180 x 580	360 x 250 x 650
Weight approx.	kg	18	18

Accessory	Art. no.
Cutting oil spray 400ml	3872100
"CHIPMAG" Chip removal device	3850015

Scope of delivery
Quick-action drill chuck
Plastic transport case

RB 127 - Pipe drilling machine for hole saws with quick-clamping system and low overall height

Magnetic drilling machine MB 351 F BL-V -

Universally applicable for drilling, tapping, reaming and countersinking

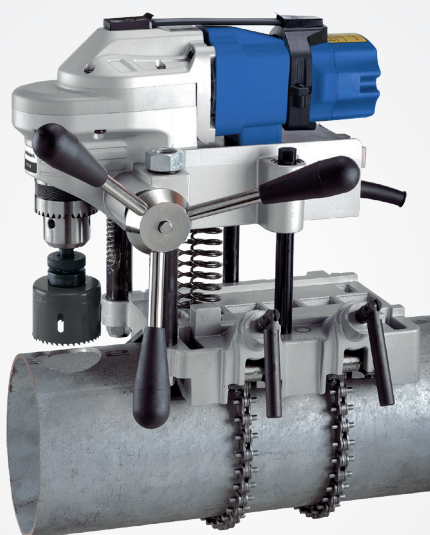
RB 127

- ▶ Integrated spirit level
- ▶ Cutting of holes up to 127 mm possible
- ▶ Horizontal as well as vertical working position possible
- ▶ Bracket for pipes with simple quick-release system and chain

MB 351 F BL-V

- ▶ Brushless motor for higher energy efficiency, lower maintenance requirements and maximum service life
- ▶ Soft start
- ▶ Electronic speed control
- ▶ Ergonomic operating concept – silicone buttons in the visible area for intuitive, confusion-proof operation
- ▶ Magnet holding force indicator – Visual control of the holding force for maximum safety
- ▶ Can level – integrated spirit level for precise horizontal alignment of the machine
- ▶ LED work light – for clear illumination of the working area
- ▶ Compact design – extremely small and lightweight design for use in confined and hard-to-reach work areas
- ▶ Space-saving operation – ratchet operation on both sides enables comfortable working
- ▶ Tilt sensor – automatic switch-off in case of slipping or tilting
- ▶ Internal cooling lubrication – hand pump system for direct coolant supply

RB 127 – for pipe drilling



Scope of delivery

Protective device
Operating tool
Plastic carrying case
Bracket for pipes 32– 203 mm
Key-type drill chuck 1 - 16 mm

MB 351 F BL-V – flat design



MB 351 F BL-V
Core drill not included
in the scope of delivery

Scope of delivery

Metal transport case

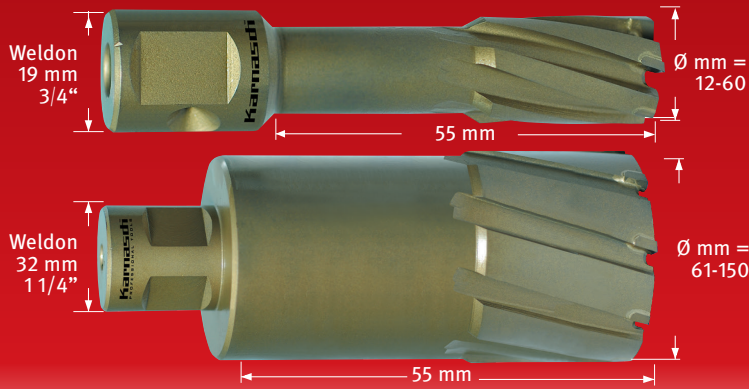
Technical data		RB 127	MB 351 F BL-V
Art no.		3860127	3866030
Hole saws max. Ø		127	–
Core drill-Ø max. with manual feed	mm	–	35
Drilling depth max. core drilling with manual feed	mm	–	35
Drill holder		5/8" – 16	Weldon 3/ 4"
Speed(s) at idle (clockwise rotation)	min ⁻¹	–	850
Magnet holding force	N	–	14500
Magnetic base length/width	mm	–	166 x 80
Motor power ~50 Hz	kW/V	1.1 / 230	1.7 / 230
Protection class		–	IP 42
Dimensions (LxWxH) approx.	mm	440 x 350 x 330	290 x 154 x 160
Weight approx.	kg	14.5	8.5



Accessory	Art. no.
Cutting oil spray 400ml	3872100
"CHIPMAG" Chip removal device	3850015
6-part core drill set in a practical plastic case (Ø 12, 14, 16, 18, 20, 22 mm, length: 25 mm)	3873008

Quality core drills from the HARD-LINE series

- Karnasch carbide-tipped core drills are manufactured in an elaborate pre-cutting/re-cutting geometry. This results in chatter-free, smooth and easy cutting with maximum tool life
- HARD-LINE drills are manufactured with a conical spiral for clean chip flow and maximum cutting performance even with difficult materials
- Karnasch HARD-LINE core drills are fitted exclusively with Sandvik carbide teeth. We believe: Only the best carbide is good enough for Karnasch core drills!



Ømm	38720.1316	Ømm	38720.1316	Ømm	38720.1316
12	38720.131612	42	38720.131642	73	38720.131673
13	38720.131613	43	38720.131643	74	38720.131674
14	38720.131614	44	38720.131644	75	38720.131675
15	38720.131615	45	38720.131645	76	38720.131676
16	38720.131616	46	38720.131646	77	38720.131677
17	38720.131617	47	38720.131647	78	38720.131678
17.5	38720.131617.5	48	38720.131648	79	38720.131679
18	38720.131618	49	38720.131649	80	38720.131680
19	38720.131619	50	38720.131650	82	38720.131682
20	38720.131620	51	38720.131651	83	38720.131683
21	38720.131621	52	38720.131652	84	38720.131684
22	38720.131622	53	38720.131653	85	38720.131685
23	38720.131623	54	38720.131654	88	38720.131688
24	38720.131624	55	38720.131655	90	38720.131690
25	38720.131625	56	38720.131656	92	38720.131692
26	38720.131626	57	38720.131657	95	38720.131695
27	38720.131627	58	38720.131658	100	38720.1316100
28	38720.131628	59	38720.131659	103	38720.1316103
29	38720.131629	60	38720.131660	104	38720.1316104
30	38720.131630	61	38720.131661	105	38720.1316105
31	38720.131631	62	38720.131662	106	38720.1316106
32	38720.131632	63	38720.131663	108	38720.1316108
33	38720.131633	64	38720.131664	110	38720.1316110
34	38720.131634	65	38720.131665	115	38720.1316115
35	38720.131635	66	38720.131666	120	38720.1316120
36	38720.131636	67	38720.131667	125	38720.1316125
37	38720.131637	68	38720.131668	130	38720.1316130
38	38720.131638	69	38720.131669	135	38720.1316135
39	38720.131639	70	38720.131670	140	38720.1316140
40	38720.131640	71	38720.131671	145	38720.1316145
41	38720.131641	72	38720.131672	150	38720.1316150

Ejector pin

	Ø 12-17 mm	38720.1271
	Ø 18-60 mm	38720.1273
	Ø 61-150 mm	38720.1272

HARD-LINE SET 55



Content	Ø mm 14, 16, 18, 20, 22, 26	38720.1339
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+ 2 ejector pins



also available as HARD-LINE
40, 80 and 110 with 55 mm,
80 mm and 110 mm cutting
depth

Core drill holder

Quick-Change holder for Universal-/Weldon shank 19 mm

- Change core drills in seconds without tools
- Can be used up to the following maximum diameter and cutting depths:
All HSS-XE core drills up to a diameter of 60 mm and cutting depth of 55 mm
All carbide core drills up to a diameter of 50 mm and cutting depth of 55 mm



STARTER SET 2

- 6-part core drill set (Art. no. 3873006)
- Universal cutting paste, 750 g (Art. no. 387601157)
- MT 2 mounting bracket without automatic internal cooling (Art. no. 387201283)

Quick-change holder with automatic internal cooling



MORSE-KONUS 2	Morse taper 2	38720.1303
MORSE-KONUS 3	Morse taper 3	38720.1307

Quick-change holder without automatic internal cooling



MORSE-KONUS 2	Morse taper 2	38720.1301
MORSE-KONUS 3	Morse taper 3	38720.1437

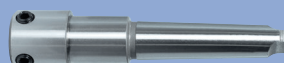
Holder without quick-change for universal/Weldon shank 19 mm

Holder with automatic internal cooling



MORSE-KONUS 2	Morse taper 2	38720.1287
MORSE-KONUS 3	Morse taper 3	38720.1289

Holder without automatic internal cooling



MORSE-KONUS 2	Morse taper 2	38720.1283
MORSE-KONUS 3	Morse taper 3	38720.1293

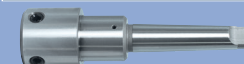
Holder without quick-change for universal/Weldon shank 32 mm

Holder with automatic internal cooling



MORSE-KONUS 3	Morse taper 3	38720.1290
MORSE-KONUS 4	Morse taper 4	38720.1292

Holder without automatic internal cooling



MORSE-KONUS 3	Morse taper 3	38720.1286
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Quality core drills from the SILVER-LINE and GOLD-LINE series

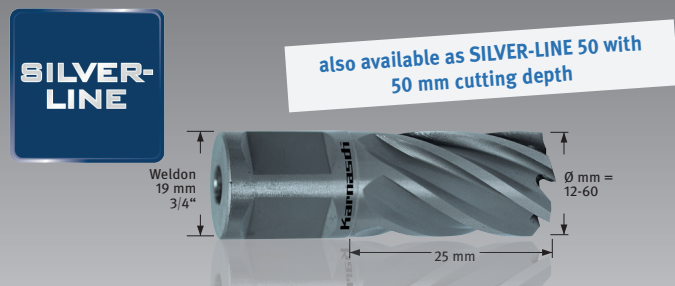
- ▶ Hardened in stages. This results in extremely hard tooth tips (68 HRC) and a nevertheless flexible core drill
- ▶ Both SILVER-LINE and GOLD-LINE made of high-alloy HSS-XE special steel for extreme hardness at the tooth tips (up to 68 HRC), thus high wear resistance and long service life
- ▶ With five cutting edge geometries specially adapted to the different diameters and cutting depths

Advantages GOLD-LINE

- ▶ Completely ground from the solid material. This fine sanding increases the cutting performance while simultaneously reducing friction, resulting in a longer service life
- ▶ The special Gold-Tech surface treatment further increases the service life

Weldon holder (3/4" + 1/4"): ALFRA, ALFRA ROTA-QUICK, BDS, EUROBOOR, EVOLUTION, HOUGEN, MAGTRON, POWERBOR, RUKO, RUKO EASY-LOCK, ROTABROACH, SLUGGER and many more. Almost every core drilling machine in Europe has this holder.

Exception: Fine quick-in holder: FINE QUICK-IN
Universal + Weldon: (suitable for all machines as described above for the Weldon holder) and additionally for NITTO machines



Ø mm	38720.1255	Ø mm	38720.1255
12	38720.125512	37	38720.125537
13	38720.125513	38	38720.125538
14	38720.125514	39	38720.125539
15	38720.125515	40	38720.125540
16	38720.125516	41	38720.125541
17	38720.125517	42	38720.125542
18	38720.125518	43	38720.125543
19	38720.125519	44	38720.125544
20	38720.125520	45	38720.125545
21	38720.125521	46	38720.125546
22	38720.125522	47	38720.125547
23	38720.125523	48	38720.125548
24	38720.125524	49	38720.125549
25	38720.125525	50	38720.125550
26	38720.125526	51	38720.125551
27	38720.125527	52	38720.125552
28	38720.125528	53	38720.125553
29	38720.125529	54	38720.125554
30	38720.125530	55	38720.125555
31	38720.125531	56	38720.125556
32	38720.125532	57	38720.125557
33	38720.125533	58	38720.125558
34	38720.125534	59	38720.125559
35	38720.125535	60	38720.125560
36	38720.125536		

Ejector pin



38720.1261

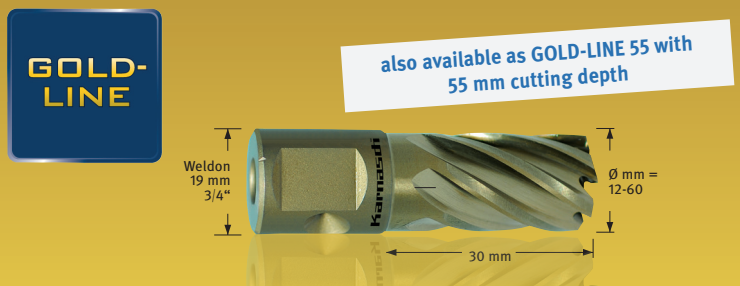
SILVER-LINE SET 25



Content	Ø mm	38720.1474
	12, 14, 16, 18, 20, 22	
+ 2 Ejector pins 6.34 x 77 mm		

Chipmag chip removal device

- ▶ Art no. 3850015
- ▶ For removing magnetic metal chips
- ▶ For cleaning and collecting small magnetic parts



Ø mm	38720.1260U	Ø mm	38720.1260U
12	38720.1260U12	34	38720.1260U34
13	38720.1260U13	35	38720.1260U35
13.5	38720.1260U13.5	36	38720.1260U36
14	38720.1260U14	37	38720.1260U37
15	38720.1260U15	38	38720.1260U38
15.5	38720.1260U15.5	39	38720.1260U39
16	38720.1260U16	40	38720.1260U40
17	38720.1260U17	41	38720.1260U41
17.5	38720.1260U17.5	42	38720.1260U42
18	38720.1260U18	43	38720.1260U43
19	38720.1260U19	44	38720.1260U44
19.5	38720.1260U19.5	45	38720.1260U45
20	38720.1260U20	46	38720.1260U46
21	38720.1260U21	47	38720.1260U47
22	38720.1260U22	48	38720.1260U48
23	38720.1260U23	49	38720.1260U49
24	38720.1260U24	50	38720.1260U50
25	38720.1260U25	51	38720.1260U51
26	38720.1260U26	52	38720.1260U52
26.5	38720.1260U26.5	53	38720.1260U53
27	38720.1260U27	54	38720.1260U54
28	38720.1260U28	55	38720.1260U55
29	38720.1260U29	56	38720.1260U56
30	38720.1260U30	57	38720.1260U57
31	38720.1260U31	58	38720.1260U58
32	38720.1260U32	59	38720.1260U59
33	38720.1260U33	60	38720.1260U60

Ejector pin



38720.1261

GOLD-LINE SET 30



Content	Ø mm	38720.1322
	14, 16, 18, 20, 22, 26	
+ 2 ejector pins		

Universal cutting paste

- ▶ Art no. 38760.1157
- ▶ 750 g
- ▶ Paste adheres to the tool, ideal for constrained positions such as "overhead use", for machining work in all types of steel and non-ferrous metals Chlorine-free



Quality core drills from the BLUE-LINE and BLUE-LINE PRO series

- Hardened in stages. This results in extremely hard tooth tips (68 HRC) and a nevertheless flexible core drill
- With five cutting edge geometries specially adapted to the different diameters and cutting depths
- Completely ground from the solid material. This fine sanding increases the cutting performance while simultaneously reducing friction, resulting in a longer service life

- Unique and patented Durablue coating
- Extreme surface hardness and smoothness result in extreme service life

BLUE-LINE

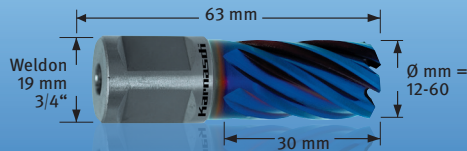
- Manufactured from high-alloy HSS-XE special steel, for extreme hardness at the tooth tips (up to 68 HRC), thus high wear resistance

BLUE-LINE PRO

- Manufactured from ASP powder steel for drilling even the most difficult materials such as railway tracks, stainless steels and exotic alloys
- Can always be used where maximum wear resistance and service life are required



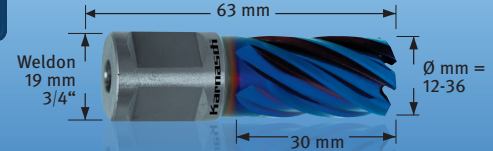
also available as BLUE-LINE 55 with 55 mm cutting depth



Ø mm	38720.1312	Ø mm	38720.1312
12	38720.131212	37	38720.131237
13	38720.131213	38	38720.131238
14	38720.131214	39	38720.131239
15	38720.131215	40	38720.131240
16	38720.131216	41	38720.131241
17	38720.131217	42	38720.131242
18	38720.131218	43	38720.131243
19	38720.131219	44	38720.131244
20	38720.131220	45	38720.131245
21	38720.131221	46	38720.131246
22	38720.131222	47	38720.131247
23	38720.131223	48	38720.131248
24	38720.131224	49	38720.131249
25	38720.131225	50	38720.131250
26	38720.131226	51	38720.131251
27	38720.131227	52	38720.131252
28	38720.131228	53	38720.131253
29	38720.131229	54	38720.131254
30	38720.131230	55	38720.131255
31	38720.131231	56	38720.131256
32	38720.131232	57	38720.131257
33	38720.131233	58	38720.131258
34	38720.131234	59	38720.131259
35	38720.131235	60	38720.131260
36	38720.131236		



Also available as BLUE-LINE PRO 55 with 55 mm cutting depth



Ø mm	38720.1284	Ø mm	38720.1284
12	38720.128412	25	38720.128425
13	38720.128413	26	38720.128426
14	38720.128414	27	38720.128427
15	38720.128415	28	38720.128428
16	38720.128416	29	38720.128429
17	38720.128417	30	38720.128430
18	38720.128418	31	38720.128431
19	38720.128419	32	38720.128432
20	38720.128420	33	38720.128433
21	38720.128421	34	38720.128434
22	38720.128422	35	38720.128435
23	38720.128423	36	38720.128436
24	38720.128424		

Cutting oil spray



It is versatile for drilling, cutting, broaching and milling. It improves chip removal and is suitable for both machine and manual processing.

400 ml

3872100

Special cutting wax



Especially for non-ferrous metals such as aluminium, copper, brass Wax adheres to the tool Ideal for working overhead, for example Chlorine-free

350 g

38760.1200

Ejector pin



6.34 x 77 mm

38720.1261

BLUE-LINE SET 30



Content	Ø mm	
	12, 14, 16, 18, 20, 22	38720.1325
+ 2 ejector pins		

BLUE-LINE PRO SET 30



Content	Ø mm	
	12, 14, 16, 18, 20, 26	38720.1331
+ 2 ejector pins		

High-performance cutting oil "MECUTOIL 100"



For mixing with water 5% oil = for normal structural steels and all non-ferrous metals, 10% oil = for steels of higher strength, including stainless steels. For the most difficult cutting problems, up to 50% oil can be mixed into the water. Can also be used pure. Ideal oil for all machining work.
For filling, e.g. in Karnasch coolant pressure bottles.

2.5 kg

10 kg

38760.110025

38760.110010

High-performance cutting spray "MECUTSPRAY"



Propellant-free due to manual pump mechanism. Contents 500 ml.
The ideal spray for machining work on all types of steel. + non-ferrous metals Biodegradable according to CEC-L-33-T82

500 ml

38760.1150