



GUIDE TO USING THE BDS SPARE PARTS PORTAL

Find spare parts, user manuals, technical drawings and other product information quickly and easily.

www.spareparts.bds-machines.com

SCREEN 1 OPEN THE PORTAL

1. Open your web browser and go to the BDS Spare Parts Portal.

www.spareparts.bds-machines.com

The screenshot displays the BDS Spare Parts Portal website. The browser address bar shows the URL www.spareparts.bds-machines.com. The website header includes the BDS Maschinen logo, contact information (+49 2161 35460, info@bds-maschinen.de), and navigation links for product selection, home, and contact. A search bar is prominently featured with the text "SPARE PARTS, USER MANUALS & TECHNICAL DRAWINGS" and a subtext explaining the automated search functionality. Below the search bar, there are input fields for "PRODUCT CATEGORY" (set to "All Categories") and "ARTICLE NUMBER" (set to "MAB 825"). The main content area is titled "ALL PRODUCTS" and shows a grid of four product listings for the MAB 485 series. Each listing includes an image of the machine, its name, generation, and a brief description of its main components.

SPARE PARTS, USER MANUALS & TECHNICAL DRAWINGS

The industry's first fully automated spare parts search. Select your machine or enter an article number and find the right spare parts, user manuals and technical drawings in seconds.

PRODUCT CATEGORY: All Categories | ARTICLE NUMBER: MAB 825

ALL PRODUCTS 26 of 26

NEW GENERATION WITH LED SWITCHES - 230V & 110V	CLASSIC GENERATION WITH ROCKER SWITCHES - 230V & 110V	NEW GENERATION WITH LED SWITCHES - 230V & 110V	CLASSIC GENERATION WITH ROCKER SWITCHES
			
MAB 485 (New Generation)	MAB 485 (Classic Generation)	MAB 485SB (New Generation)	MAB 485SB (Classic Generation)
The main part of this machine comprise the motor unit and the stand unit.	The main part of this machine comprise the motor unit and the stand unit.	The main part of this machine comprise the motor unit and the stand unit.	The main part of this machine comprise the motor unit and the stand unit.

SCREEN 2 FIND YOUR PRODUCT

2. Enter the machine model or article number in the search field.

3. Alternatively, select the required machine from the product list.

The screenshot displays the BDS Spare Parts Portal website. The browser address bar shows 'spareparts.bds-maschinen.com' with a green arrow labeled '1' pointing to it. The website header includes the BDS logo, contact information (+49 2161 35460, info@bds-maschinen.de), and navigation links like 'SELECT PRODUCT FOR SPARE PARTS, DRAWINGS & MANUALS', 'HOME', 'CONTACT US', and a language selector (EN). A search bar is prominently featured with the text 'SPARE PARTS, USER MANUALS & TECHNICAL DRAWINGS'. Below this, there are two input fields: 'PRODUCT CATEGORY' (set to 'All Categories') and 'ARTICLE NUMBER' (set to 'MAB B25'). A green arrow labeled '2' points to the search bar area. Below the search bar, the 'ALL PRODUCTS' section shows a grid of four product cards. Each card displays an image of a machine, its name, and a brief description. The products are: 'MAB 485 (New Generation)', 'MAB 485 (Classic Generation)', 'MAB 485SB (New Generation)', and 'MAB 485SB (Classic Generation)'. A green arrow labeled '3' points to the product list area. The footer of the website shows the current temperature (18°C, Stark bewölkt) and the Windows taskbar with the search bar and system clock (11:30, 03.09.2026).

BDS Spare Parts Portal | Magn... x +

spareparts.bds-maschinen.com 1

Genuine Spare Parts from BDS Maschinen GmbH, Germany +49 2161 35460 info@bds-maschinen.de

BDS SPARE PARTS PORTAL

SELECT PRODUCT FOR SPARE PARTS, DRAWINGS & MANUALS HOME CONTACT US EN EN Inquiry Cart 7

SPARE PARTS, USER MANUALS & TECHNICAL DRAWINGS

The industry's first fully automated spare parts search. Select your machine or enter an article number and find the right spare parts, user manuals and technical drawings in seconds.

PRODUCT CATEGORY ARTICLE NUMBER

All Categories MAB B25

ALL PRODUCTS 26 of 26

NEW GENERATION WITH LED SWITCHES - 230V & 110V



MAB 485
(New Generation)

The main part of this machine comprise the motor unit and the stand unit.

CLASSIC GENERATION WITH ROCKER SWITCHES - 230V & 110V



MAB 485
(Classic Generation)

The main part of this machine comprise the motor unit and the stand unit.

NEW GENERATION WITH LED SWITCHES - 230V & 110V



MAB 485SB
(New Generation)

The main part of this machine comprise the motor unit and the stand unit.

CLASSIC GENERATION WITH ROCKER SWITCHES



MAB 485SB
(Classic Generation)

The main part of this machine comprise the motor unit and the stand unit.

18°C Stark bewölkt Suche 11:30 03.09.2026

SCREEN 3 IDENTIFY YOUR MACHINE

4. Select the machine voltage: **230 V** or **110 V**.

5. Select the **production year** of the machine.

6. Enter the **serial number**, if available, and click **CONTINUE**.

MAB 525 (New Generation) — x +

spareparts.bds-maschinen.com/machines/mab-525-new-generation/identify

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SELECT PRODUCT FOR SPARE PARTS, DRAWINGS & MANUALS HOME CONTACT US EN Inquiry Cart

1 PRODUCT INFORMATION — 2 SELECT MAIN PART — 3 SELECT SPARE PARTS — 4 INQUIRY SUMMARY

IDENTIFY YOUR MACHINE

Please provide the following information to find the correct spare parts for your machine.

NEW GENERATION WITH LED SWITCHES - 230V & 110V



MAB 525 (New Generation)

The main part of this machine comprise the motor unit and the stand unit.

1. VOLT? *
Please select the voltage of your machine.

230V 110V

2. PRODUCTION YEAR *
Please select the production year of your machine.
You can find the production year on the Test Certificate or identify it from the machine's serial number. The two digits immediately after the model number indicate the production year (e.g. 5252606031 → 26 = 2026).

2022

3. SERIAL NUMBER (OPTIONAL)
If you know the serial number, please enter it.

Enter serial number

WHERE TO FIND THE SERIAL NUMBER
The serial number is punched on your machine's magnet, stand, carry case, test certificate and invoice.




CONTINUE

19°C Bewölkt Suche 12:09 03.09.2026

SCREEN 4 PRODUCT DOCUMENTS

7. Download the
PCB Circuit Diagram,
if required.

8. Download the
Technical Drawing,
if required.

9. Download the
User Manual, if required.

Browser: MAB 525 (New Generation) — x +
URL: spareparts.bds-machines.com/machines/mab-525-new-generation/main-part?volt=230V&year=2022&serial=525220102003

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SELECT PRODUCT FOR SPARE PARTS, DRAWINGS & MANUALS | HOME | CONTACT US | EN | Inquiry Cart

1 PRODUCT INFORMATION — 2 SELECT MAIN PART — 3 SELECT SPARE PARTS — 4 INQUIRY SUMMARY



MAB 525 (New Generation)

VOLTAGE
230V

PRODUCTION YEAR
2022

SERIAL NUMBER
525220102003

EDIT INFORMATION

DOWNLOAD PCB CIRCUIT DIAGRAM

DOWNLOAD TECHNICAL DRAWING

DOWNLOAD USER MANUAL

WHAT PART OF THE MACHINE DO YOU NEED SPARE PARTS FOR?

Every BDS magnetic drilling machine consists of two main units: the Motor Unit and the Stand Unit. Select the unit that contains the part you need. In the following steps, you can browse the available assemblies, view detailed exploded diagrams, and identify the exact spare part using the parts list.

MOTOR UNIT

Includes the motor, gearbox, control panel, electrical components and related parts.



Common assemblies:
Motor & Armature

STAND UNIT

Includes the magnetic base, column, feed mechanism, handles and related parts.



Common assemblies:
Magnetic Base

7
8
9

SCREEN 5 PRODUCT DOCUMENTS

10. Choose whether the required spare part belongs to the **Motor Unit** or **Stand Unit** and click **CONTINUE**.



MAB 525 (New Generation) — X +

spareparts.bds-machines.com/machines/mab-525-new-generation/main-part?volt=230V&year=2022&serial=525220102003

MAB 525 (New Generation)

VOLTAGE
230V

PRODUCTION YEAR
2022

SERIAL NUMBER
525220102003

EDIT INFORMATION

DOWNLOAD PCB CIRCUIT DIAGRAM

DOWNLOAD TECHNICAL DRAWING

DOWNLOAD USER MANUAL

WHAT PART OF THE MACHINE DO YOU NEED SPARE PARTS FOR?

Every BDS magnetic drilling machine consists of two main units: the Motor Unit and the Stand Unit. Select the unit that contains the part you need. In the following steps, you can browse the available assemblies, view detailed exploded diagrams, and identify the exact spare part using the parts list.

MOTOR UNIT

Includes the motor, gearbox, control panel, electrical components and related parts.

Common assemblies:

- Motor & Armature
- Gearbox & Spindle
- Electrical Components
- Control Panel
- Cables & Switches
- Cooling & Air Flow

SELECTED ✓

STAND UNIT

Includes the magnetic base, column, feed mechanism, handles and related parts.

Common assemblies:

- Magnetic Base
- Column & Slide
- Feed Mechanism
- Handles (Feed Handle)
- Rail & Locking Parts
- Other Mechanical Parts

SELECT STAND UNIT →

← BACK

Change Machine

CONTINUE →

19°C Bewölkt

Suche

12:20 03.09.2026

SCREEN 6 SELECT SPARE PARTS

11. Click the numbered position in the exploded drawing to select the required spare part.

A. Shows the spare part name.

B. Shows the BDS article number.

12. Click **ADD TO INQUIRY CART** to add the selected part.

13. Click **GO TO INQUIRY CART** when finished.

The screenshot displays the BDS Spare Parts Portal interface. The browser address bar shows the URL: `spareparts.bds-maschinen.com/machines/mab-525-new-generation/motor-unit/assembly?volt=230V&year=2022&serial=525220102003`. The page header includes the BDS logo, navigation links (SELECT PRODUCT FOR SPARE PARTS, DRAWINGS & MANUALS, HOME, CONTACT US), and a language selector (EN). A shopping cart icon with a '7' indicates items in the cart.

The main content area features a progress bar with four steps: **PRODUCT INFORMATION**, **SELECT MAIN PART**, **3 SELECT SPARE PARTS** (current step), and **INQUIRY SUMMARY**. On the left, a sidebar shows product details for the 'MAB 525 (New Generation)' motor unit, including voltage (230V), production year (2022), and serial number (525220102003). It also lists the main assembly as 'Motor Unit' and provides options to 'EDIT INFORMATION', 'Download PCB Circuit Diagram', 'Download Spare Part List As PDF', and 'Select Spare Parts List'.

The central area displays an exploded view of the motor unit assembly with various components labeled with numbers. A green arrow labeled '11' points to a specific part (1.37) in the assembly. On the right, a 'SELECTED SPARE PART' panel shows the details for '1.37 SPINDLE WITH GROOVE'. This panel includes the BDS logo, the article number '5012361', the article name 'Spindle with groove', the quantity '1', and the description 'Spindle with groove'. It also features two buttons: 'ADD TO INQUIRY CART' and 'GO TO INQUIRY CART'. Green arrows labeled '12' and '13' point to these buttons respectively.

At the bottom of the page, a status bar shows the temperature '19°C Bewölkt' and the time '12:22 03.09.2026'.

SCREEN 7 SEARCH SPARE PARTS

14. Click SELECT SPARE PARTS LIST to open the complete parts list.

The screenshot displays the BDS Spare Parts Portal interface for a motor unit assembly. The browser address bar shows the URL: `spareparts.bds-maschinen.com/machines/mab-525-new-generation/motor-unit/assembly?volt=230V&year=2022&serial=525220102003`. The page header includes contact information: +49 2161 35460 and info@bds-maschinen.de. The navigation bar shows the current step: **3 SELECT SPARE PARTS**, with previous steps (PRODUCT INFORMATION, SELECT MAIN PART) and the next step (INQUIRY SUMMARY) also visible.

On the left sidebar, the product details for the MAB 525 (New Generation) are listed: Voltage 230V, Production Year 2022, and Serial Number 525220102003. The 'Main Assembly' section shows 'Motor Unit' selected. Below this, there are buttons for 'EDIT INFORMATION', 'Download PCB Circuit Diagram', 'Download Spare Part List As PDF', and 'Select Spare Parts List'. A green arrow labeled '14' points to the 'Select Spare Parts List' button.

The main area displays a detailed exploded view diagram of the motor unit assembly, with various components labeled with numbers (e.g., 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 1.10, 1.11, 1.12, 1.13, 1.14, 1.15, 1.16, 1.17, 1.18, 1.19, 1.20, 1.21, 1.22, 1.23, 1.24, 1.25, 1.26, 1.27, 1.28, 1.29, 1.30, 1.31, 1.32, 1.33, 1.34, 1.35, 1.36, 1.37, 1.38, 1.39, 1.40, 1.41, 1.42, 1.43, 1.44, 1.45, 1.46, 1.47, 1.48, 1.49, 1.50, 1.51, 1.52, 1.53, 1.54, 1.55, 1.56, 1.57, 1.58, 1.59, 1.60, 1.61, 1.62, 1.63, 1.64, 1.65, 1.66, 1.67, 1.68, 1.69, 1.70, 1.71, 1.72, 1.73, 1.74, 1.75, 1.76, 1.77, 1.78, 1.79, 1.80, 1.81, 1.82, 1.83, 1.84, 1.85, 1.86, 1.87, 1.88, 1.89, 1.90, 1.91, 1.92, 1.93, 1.94, 1.95, 1.96, 1.97, 1.98, 1.99, 2.00). The 'SELECTED SPARE PART' panel on the right shows the selected part: **1.1 ARMATURE 230V**. It includes the article number 5012193, the article name 'Armature 230V', a quantity of 1, and a description 'Armature 230V'. There are buttons for 'ADD TO INQUIRY CART' and 'GO TO INQUIRY CART'.

The bottom of the screen shows a Windows taskbar with the search bar and various application icons. The system clock indicates the time is 14:34 on 03.09.2026.

SCREEN 8 SEARCH SPARE PARTS

15. Search by description, article number or position number.

MOTOR UNIT — FULL PARTS LIST

Q Search by description, article no. or position...

POS.	DESCRIPTION	ARTICLE NO.	QTY	VIEW	ADD
1.1	Armature 230V	5012193	1	VIEW	ADD
1.2	Field coil 230V	5011611	1	VIEW	ADD
1.3	Motor housing since 02/2012	5012562	1	VIEW	ADD
1.4	Air conducting ring	5012241	1	VIEW	ADD
1.5	Carbon brush holder complete	5011601	1	VIEW	ADD
1.6	Set of carbon brushes 6,3x16x20 L85F10 230...	5012532	1	VIEW	ADD
1.7	Pressboard washer	5011741	1	VIEW	ADD
1.8	Sealing sleeve	5013411	1	VIEW	ADD
1.9	Self tapping screw CM4 x 12	5013991	1	VIEW	ADD
1.10	Corrugated spring washer B4 DIN 137	5013981	1	VIEW	ADD
1.11	Ring magnet	5011571	1	VIEW	ADD
1.12	Bearing cap	5011561	1	VIEW	ADD

SELECTED SPARE PART

1.1 ARMATURE 230V

Article No.
5012193

Article Name
Armature 230V

Quantity
1

Description
Armature 230V

ADD TO INQUIRY CART

GO TO INQUIRY CART

SCREEN 9 DOWNLOAD SPARE PARTS LIST PDF

16. Click DOWNLOAD SPARE PART LIST AS PDF to save the complete spare parts list.

Here is an example of how the spare parts PDF should look:

https://drive.google.com/file/d/1LmxlEtq-RXm_cPM1Gyov0B-fPGYEOkb2/view?usp=drive_link

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The screenshot shows the BDS Spare Parts Portal interface. The top navigation bar includes the BDS logo, contact information, and a search bar. The main content area is titled 'SELECT SPARE PARTS' and features a technical drawing of a motor unit with numbered callouts. The left sidebar contains product information and a list of motor unit assemblies. The right panel displays the selected spare part, 'ARMATURE 230V', with its article number, name, quantity, and description. The bottom of the screen shows a Windows taskbar with the date and time.

PRODUCT INFORMATION

- Voltage: 230V
- Production Year: 2022
- Serial Number: 525220102003
- Main Assembly: ☒ Motor Unit ☐ Stand Unit

Motor Unit Assemblies

- 1.1 Armature 230V
- 1.2 Field coil 230V
- 1.3 Motor housing since 02/2012
- 1.4 Air conducting ring
- 1.5 Carbon brush holder complete

SELECTED SPARE PART

1.1 ARMATURE 230V

Article No. 5012193

Article Name Armature 230V

Quantity 1

Description Armature 230V

ADD TO INQUIRY CART

GO TO INQUIRY CART

SCREEN 10 INQUIRY CART

17. Click
GO TO INQUIRY CART
after selecting all
required parts.

MAB 525 (New Generation) — x

spareparts.bds-machines.com/machines/mab-525-new-generation/stand-unit/assembly?volt=230V&year=2022&serial=525220102003

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SELECT PRODUCT FOR SPARE PARTS, DRAWINGS & MANUALS HOME CONTACT US EN Inquiry Cart 2

← Back PRODUCT INFORMATION SELECT MAIN PART 3 SELECT SPARE PARTS 4 INQUIRY SUMMARY

MAB 525 (New Generation) Voltage 230V Production Year 2022 Serial Number 525220102003 Main Assembly ☐ Motor Unit ☒ Stand Unit EDIT INFORMATION Download PCB Circuit Diagram Download Spare Part List As PDF Select Spare Parts List

Stand Unit Assemblies

- 2.1 Housing for screwed guide rails...
- 2.2 Spring washer 6,1 DIN 7980
- 2.3 Hexagon socket cylinder head ...
- 2.4 Magnet (electric) with indi... ✓
- 2.5 Indicator with cable

RESET View

SELECTED SPARE PART

2.4 MAGNET (ELECTRIC) WITH INDICATOR

BDS MASCHINEN ORIGINAL GENUINE SPARE PART

Article No. 6010054
Article Name Magnet (electric) with indicator
Quantity 1
Description Magnet (electric) with indicator

✗ REMOVE FROM INQUIRY CART

📄 GO TO INQUIRY CART

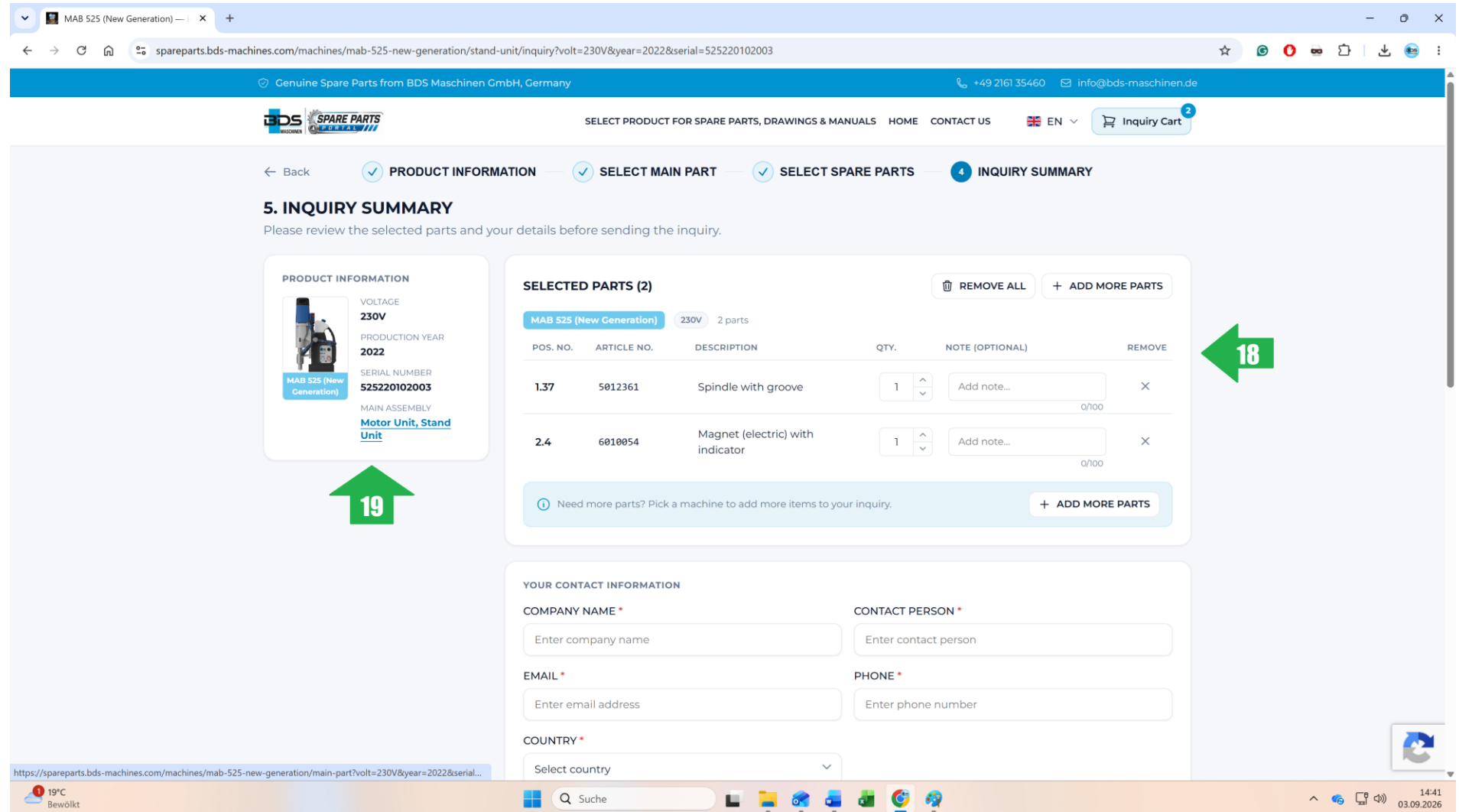
19°C Bewölkt Suche 14:38 03.09.2026

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SCREEN 11 REVIEW INQUIRY

18. Review the selected parts and adjust the quantity or add a note, if required.

19. Click **ADD MORE PARTS** to select additional spare parts.



spareparts.bds-maschinen.com/machines/mab-525-new-generation/stand-unit/inquiry?volt=230V&year=2022&serial=525220102003

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SELECT PRODUCT FOR SPARE PARTS, DRAWINGS & MANUALS HOME CONTACT US EN Inquiry Cart 2

Back PRODUCT INFORMATION SELECT MAIN PART SELECT SPARE PARTS 4 INQUIRY SUMMARY

5. INQUIRY SUMMARY

Please review the selected parts and your details before sending the inquiry.

PRODUCT INFORMATION



VOLTAGE
230V

PRODUCTION YEAR
2022

SERIAL NUMBER
525220102003

MAIN ASSEMBLY
[Motor Unit, Stand Unit](#)

SELECTED PARTS (2) REMOVE ALL + ADD MORE PARTS

POS. NO.	ARTICLE NO.	DESCRIPTION	QTY.	NOTE (OPTIONAL)	REMOVE
1.37	5012361	Spindle with groove	1	Add note...	X
2.4	6010054	Magnet (electric) with indicator	1	Add note...	X

Need more parts? Pick a machine to add more items to your inquiry. + ADD MORE PARTS

YOUR CONTACT INFORMATION

COMPANY NAME * CONTACT PERSON *

Enter company name Enter contact person

EMAIL * PHONE *

Enter email address Enter phone number

COUNTRY *

Select country

SCREEN 12 SEND INQUIRY

20. Enter your contact details and click SEND INQUIRY.
BDS Germany will respond within 24 working hours.

MAB 525 (New Generation) — x +

spareparts.bds-machines.com/machines/mab-525-new-generation/stand-unit/inquiry?volt=230V&year=2022&serial=525220102003

Indicator

Q/100

Need more parts? Pick a machine to add more items to your inquiry. + ADD MORE PARTS

PRODUCT INFORMATION

 **MAB 525 (New Generation)**

VOLTAGE
230V

PRODUCTION YEAR
2022

SERIAL NUMBER
525220102003

MAIN ASSEMBLY
Motor Unit, Stand Unit

YOUR CONTACT INFORMATION

COMPANY NAME *
Enter company name

CONTACT PERSON *
Enter contact person

EMAIL *
Enter email address

PHONE *
Enter phone number

COUNTRY *
Select country

ADDITIONAL MESSAGE / COMMENT
e.g. Please quote delivery time and price.

☐ I agree that BDS Maschinen GmbH may save, process and use my data communicated here for the purpose of providing the information requested here and my further support. I also agree that BDS Maschinen GmbH may forward my inquiry to the Authorized Dealer or Distributor in my country and they can contact me for further support. I can object to the processing and use of my data at any time to BDS Maschinen GmbH, Mönchengladbach., info@bds-maschinen.de *

SUBSCRIBE TO NEWSLETTER
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← BACK + CONTINUE ADDING PARTS DOWNLOAD SUMMARY SEND INQUIRY

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SCREEN 13 DOWNLOAD SUMMARY

21. Click
DOWNLOAD SUMMARY
to save the inquiry and
forward it to your internal
team instead of sending it
directly to BDS Germany.

MAB 525 (New Generation) — x +

spareparts.bds-machines.com/machines/mab-525-new-generation/stand-unit/inquiry?volt=230V&year=2022&serial=525220102003

indicator 0/100

1 Need more parts? Pick a machine to add more items to your inquiry. + ADD MORE PARTS

PRODUCT INFORMATION

 **MAB 525 (New Generation)**

VOLTAGE
230V

PRODUCTION YEAR
2022

SERIAL NUMBER
525220102003

MAIN ASSEMBLY
Motor Unit, Stand Unit

YOUR CONTACT INFORMATION

COMPANY NAME * Enter company name

CONTACT PERSON * Enter contact person

EMAIL * Enter email address

PHONE * Enter phone number

COUNTRY * Select country

ADDITIONAL MESSAGE / COMMENT

e.g. Please quote delivery time and price.

☐ I agree that BDS Maschinen GmbH may save, process and use my data communicated here for the purpose of providing the information requested here and my further support. I also agree that BDS Maschinen GmbH may forward my inquiry to the Authorized Dealer or Distributor in my country and they can contact me for further support. I can object to the processing and use of my data at any time to BDS Maschinen GmbH, Mönchengladbach, info@bds-maschinen.de *

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← BACK + CONTINUE ADDING PARTS **21** DOWNLOAD SUMMARY SEND INQUIRY

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For any questions or support regarding our Spare Parts Portal, please contact our BDS After Sales Service team.

BDS After Sales Service, Germany

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