

Bench drill

OPTIdrill B 24H (400 V)

Robust version with V-belt drive

OPTIMUM[®]
MASCHINEN - GERMANY

Article number ▾

3020243

Brand ▾

Optimum

Catalog directory ▾

Metalworking machines » Drilling machines
» Drilling machines with V-belt drive »
OPTIdrill BH



Shipping informations ▾

| Packaging Metrics | | Weights | | Delivery | | Other | |
|-------------------|----------|---------|--------|----------|----------|---------|-----|
| Length | 760 mm | Gross | 116 kg | Delivery | Carrier | DualUse | ✘ |
| Width | 440 mm | Net | 92 kg | Content | 1 pc(s). | SCIP | n/a |
| Height | 1,170 mm | | | | | SVHC | No |



Description ▼

- Smooth and powerful industrial electric motor
- Separate emergency stop impact switch
- Stable casting column
- depth stop
- Precisely machined drill table with diagonal T-slots and circumferential cooling water channel
- Drilling table 360 ° rotatable
- V-belt cover with safety switch
- V-belt quick-clamping device
- Long, ergonomic cast aluminum sleeve lever cast in one piece (B 16H / B 24H with softgrip handles)
- Massive, large base plate with grooves, strongly ribbed on the back
- By swinging away the drilling table, base plate can be used as a work surface for particularly high workpieces
- Guaranteed concentricity measured better than 0.015 mm in the drill quill
- Drill spindle with precision ball bearings
- High-quality OPTIMUM keyless chuck in the standard scope of delivery
- Large, height-adjustable protective screen with safety switch

from B 24H

- machine light

from B 24H / 400V

- Forward / reverse operation

Delivery content ▼

- Keyless chuck (1 - 16 mm)
- Morse taper MK2 / B16
- T-nuts

Media informations ▼



belt drive

- Smooth running thanks to ground multi-tooth driver
- Best power transmission through aluminum pulleys in conjunction with toothed GATES quality V-belt

Technical data ▼

| Dimensions and weights | | | |
|--------------------------------------|------------------------------|--|---------|
| Column diameter | 80 mm | Length (product) approx. | 665 mm |
| Width/depth (product) approx. | 434 mm | Height (product) approx. | 998 mm |
| Net weight approx. | 92 kg | | |
| Drilling performance | | | |
| Drilling performance steel (S235JR) | 24 mm | Continuous drilling performance steel (S235JR) | 20 mm |
| Drilling table | | | |
| Drilling table workspace length | 280 mm | Drilling table workspace width | 300 mm |
| Drilling table T-groove type | diagonal | Drilling table T-groove size | 14 mm |
| Drilling table rotation | 360 ° | Max. distance spindle - drilling table | 515 mm |
| Speed range | | | |
| Speed range | 350 – 4000 min ⁻¹ | Number of gears | 7 Steps |
| Speed control | Manual | | |
| Electrical Data | | | |
| Supply voltage | 400 V | Mains frequency | 50 Hz |
| Machine base | | | |
| Max. distance spindle - machine base | 590 mm | Machine base workspace length | 280 mm |
| Machine base workspace width | 260 mm | Machine base T-groove size | 14 mm |
| Machine base T-groove number | 2 | Machine base T-groove spacing | 120 mm |
| Spindle | | | |
| Quill stroke | 85 mm | Spindle chuck | MK 2 |
| Reach | 165 mm | | |
| Motor(s) | | | |
| Spindle motor drive output | 0.85 kW | Number of gears spindle motor | 1 Steps |

Accessories ▼



Collet chuck set MK 2 / ER 25 - M10

Article number ▼
3352052

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Collet chuck set MK 2 / ER 32 - M10

Article number ▼
3352053

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Tapping attachment

M5 - M12 / B16

Built-in fast reverse, immediately effective when changing the feed direction

Article number ▼

3352042

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Tapping chuck with inserts

MK 2; M3 - M12

Article number ▼

3050702

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Tapping chuck small

THERMDRILL M3-M12

Article number ▼

3050715

OPTIMUM[®]
MASCHINEN - GERMANY



Tapping chuck big

THERMDRILL M8-M20

Article number ▼

3050716

OPTIMUM[®]
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Precision quick-action drill chuck

1-10 mm, B16

Article number ▼

3050610

OPTIMUM[®]
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Keyless drill chuck
DKC13 1-13 mm

Article number ▼
3050632

OPTIMUM®
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Keyless drill chuck
DKC16 1-16 mm

Article number ▼
3050633

OPTIMUM®
MASCHINEN - GERMANY



OPTIMUM direct quick-action drill chuck
MK 2 1 - 16 mm; up to 6000 min⁻¹

Article number ▼
3050571

OPTIMUM®
MASCHINEN - GERMANY



OPTIMUM direct quick-action drill chuck
MK 2 1 - 13 mm; up to 8000 min⁻¹

Article number ▼
3050572

OPTIMUM®
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Clamping tool kit
SPW 12

Article number ▼
3352017

OPTIMUM®
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T-nut
M 12/14 mm

Article number ▼
3353025

OPTIMUM®
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T-nut
M 12 / 15.7 mm

Article number ▼
3353024

OPTIMUM®
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Twist drill HSS with Morse taper
MT 2

Article number ▼
3051002

OPTIMUM®
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Twist Drill Set
25 pieces, 1 - 13 mm

Article number ▼
3201010

OPTIMUM®
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Twist Drill Set
41-piece, 6 - 10 mm (0.1 mm rising)

Article number ▼
3201021

OPTIMUM®
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Countersink set
6 pieces: 6/8/10 / 11.5 / 15/19 mm

Article number ▼
3201050

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Countersink set
HSS, 6 pieces

Article number ▼
3201051

OPTIMUM®
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Sheet metal cone drill set
HSS, 3-part, 3 - 30.5 mm

Article number ▼
3201055

OPTIMUM®
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Thread repair assortment
M5 - M12

Article number ▼
3202010

OPTIMUM®
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Morse taper
MK2-B16

Article number ▼
3050659

OPTIMUM®
MASCHINEN - GERMANY



Extension sleeve
MK 2-MK 3

Article number ▼
3050667

OPTIMUM®
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Cone ejector
MSP1

Article number ▼
3050636

OPTIMUM®
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Down device
Table groove 14 mm / M 12

Article number ▼
3352031

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Collet chuck
THERMDRILL B16 - ER32

Article number ▼
3060007

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Universal coolant device
230 V

Article number ▼
3351999

OPTIMUM®
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Universal machine and tool trolley
MSU 3

Article number ▼
3352990

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Universal machine and tool trolley
MSU 4

Article number ▼
3352991

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Machine vice
BMP 100

Article number ▼
3052610

OPTIMUM®
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Machine vice
BMP 130

Article number ▼
3052613

OPTIMUM®
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Machine vice
BSI 100

Article number ▼
3000210

OPTIMUM®
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Machine vice
BSI-Q 100

Article number ▼
3000230

OPTIMUM®
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Clamping tool kit
SPW 10

Article number ▼
3352016

OPTIMUM®
MASCHINEN - GERMANY



Cooling lubricant nebulizer
MMC1

Article number ▼
3356663

OPTIMUM®
MASCHINEN - GERMANY



Coolant hoses with magnetic base
KMS 2

Article number ▼
3356660

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Workplace mat
1840 x 640 mm
For the dry and wet area
Article number ▼
6800000

unicraft®
Werkstatttechnik



Workplace mat
1840 x 940 mm
For the dry and wet area
Article number ▼
6800005

unicraft®
Werkstatttechnik



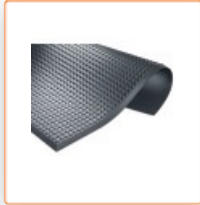
Workplace mat

3040 x 940 mm

For the dry and wet area

Article number ▼

6800006



Workplace mat

3040 x 640 mm

For the dry and wet area

Article number ▼

6800001

