

Drilling. Doweling. Everything under control.

HOMAG

Our CNC-Drilling and Dowel Inserting Machine
DRILLTEQ D-200

YOUR SOLUTION







Drilling and doweling – and always keeping a tight grip on everything.

Whether as individual machine or complementary product in connection with a CNC processing center – the DRILLTEQ D-200 has two tasks: horizontal drilling and doweling. And that makes the machine more efficient than ever before.

YOUR SOLUTION

MORE: [HOMAG.COM](https://www.homag.com)



DRILLTEQ D-200

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High-speed doweling and drilling unit

- For precise processing while drilling and doweling horizontally

1 1 spindle individually selectable
(DRILLTEQ D-200/Models 1 + 2)

2 3 spindles individually selectable
(DRILLTEQ D-200/Models 3 + 4)

The highlights at a glance:

- **Incredibly fast...**

High-speed drilling and dowel insertion aggregate for accurate drill holes and precise positioning of dowels

- **Keeping a tight grip...**

By using up to 8 clamping cylinders, adjustable to length and thickness, any workpiece is held firmly

- **Beneficial...**

The lowerable center stop allows for flexible handling of workpieces thereby ensuring an optimum two-field operation

- **Established all over the world...**

The powerful HOMAG Group software woodWOP

| | Length of the processing field | | Drilling gear | | Control of the axes | | |
|------------------------|--------------------------------|----------|---------------------------|----------------------------|---------------------|--------|--------|
| | 1,250 mm | 2,800 mm | Horizontal with 1 spindle | Horizontal with 3 spindles | X | Y | Z |
| DRILLTEQ D-200/Model 1 | ✓ | - | ✓ | - | CNC | manual | manual |
| DRILLTEQ D-200/Model 2 | - | ✓ | ✓ | - | CNC | manual | manual |
| DRILLTEQ D-200/Model 3 | ✓ | - | - | ✓ | CNC | CNC | CNC |
| DRILLTEQ D-200/Model 4 | - | ✓ | - | ✓ | CNC | CNC | CNC |



Low-pressure glue pump

- Double membrane pump, low-noise level and compact



Vibrating conveyor

- For automatic and reliable feed of standard dowels with dimensions 8x30 mm or 8x35 mm
- Other dowel dimensions on request



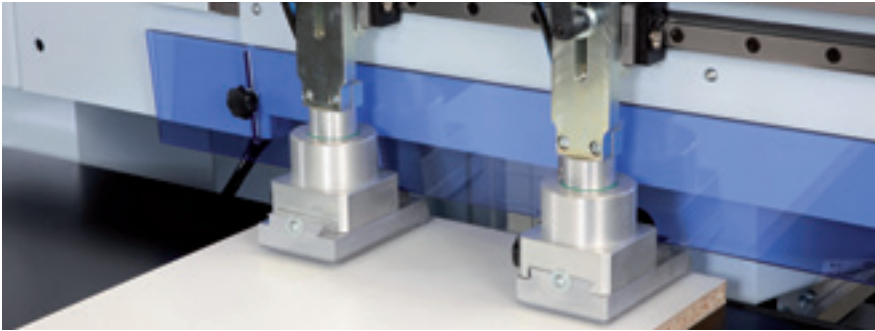
Mobile control panel

- For maximum comfort

All inclusive – Hardware

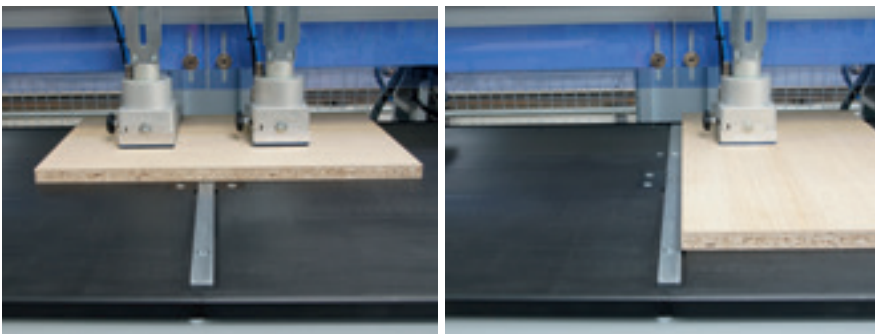
WITH THE DRILLTEQ D-200 YOU ARE PROVIDED WITH TOP-QUALITY EQUIPMENT FROM THE VERY BEGINNING.

Excellent processing quality is guaranteed in the long term by including fundamental technology already in the standard.



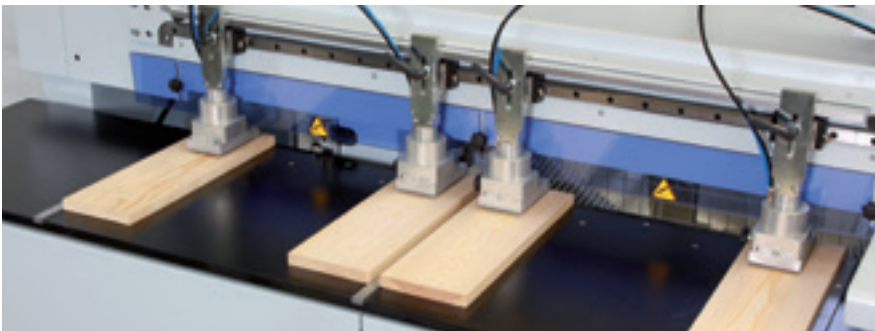
Adjustable clamping cylinders

- Up to 8 adjustable clamping cylinders enable a secure and gentle fixing of the workpieces



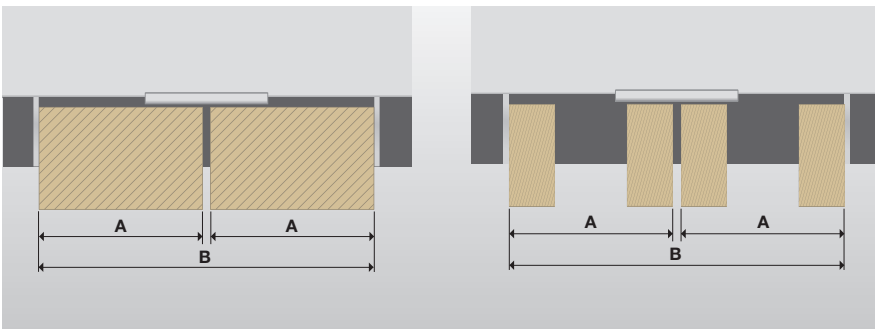
Center stop

- For flexible handling of workpieces
- Pneumatically lowerable
- Picture right: Active center stop



Lateral stops

- Pneumatically lowerable
- Allows the placement of workpieces > 1,250 mm (or 2,800 mm)



Alternate operation

- Depending on the workpiece dimensions the DRILLTEQ D-200 machines can be fed with up to 4 workpieces
- DRILLTEQ D-200/Models 1 + 3: **A:** 600 mm | **B:** 1,250 mm
- DRILLTEQ D-200/Models 2 + 4: **A:** 1.380 mm | **B:** 2,800 mm

Apps that make working life easier.

tapio

Partner

DataSave

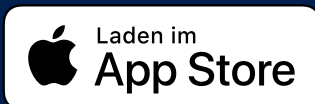
- Protects machine and configuration expertise
- Faster service for machine breakdowns
- Saves time when restarting production
- Saves on maintenance costs
- Automatic backups of several machines

ServiceBoard

- Create service cases quickly and easily and send them to the correct service partner
- Live video diagnostics to solve service cases with image support
- Video reduces the language and distance barriers
- Also works without a machine connection to tapio (and is therefore ideal for older machines)

MachineBoard

- Push notifications
- Machine data and status can be viewed from anywhere in real time
- Lists of errors, warnings, maintenance tasks and actions
- Displays the remaining time until the next intervention by the machine operator



Free demo for all tapio apps, no registration required. Simply download and test.

tapio is the open wood industry ecosystem

This means that everyone involved in the wood industry can participate.
Because together with our business partners, we develop digital solutions for everyone.

Currently available in the EU and Switzerland

(Due to the fast pace of the IT-landscape, the compatibility to the tapio platform is warranted for five years.)

Hardware – Software

WITH THIS SOFTWARE PACKAGE YOU ARE »READY TO RACE«. You will receive one of the most established CNC programming systems, the woodWOP software, which has proven itself by more than 40,000 installations worldwide.



Machine operation

- Modern and simple control of the machine functions
- TFT-Display
- Provision of teleservice capability
- USB frontside bus
- Ethernet connection 10/100 Mbit

woodWOP

- Worldwide established CNC programming system – already more than 40,000 installations
- More safety and control in programming by 3D-presentations of all relevant elements

Everything at a glance...

| | Length of the processing field | | Drilling gear | | Control of the axes | | | Doweling unit | Gluing unit | Cleaning device for glue injector |
|------------------------|--------------------------------|----------|---------------------------|----------------------------|---------------------|--------|--------|---------------|-------------|-----------------------------------|
| | 1,250 mm | 2,800 mm | Horizontal with 1 spindle | Horizontal with 3 spindles | X axis | Y axis | Z axis | | | |
| DRILLTEQ D-200/Model 1 | ✓ | - | ✓ | - | CNC | manual | manual | ✓ | ✓ | ✓ |
| DRILLTEQ D-200/Model 2 | - | ✓ | ✓ | - | CNC | manual | manual | ✓ | ✓ | ✓ |
| DRILLTEQ D-200/Model 3 | ✓ | - | - | ✓ | CNC | CNC | CNC | ✓ | ✓ | ✓ |
| DRILLTEQ D-200/Model 4 | - | ✓ | - | ✓ | CNC | CNC | CNC | ✓ | ✓ | ✓ |

Please use our website!

Worldwide largest forum for woodWOP:
forum.homag.com



Further software options

- woodWOP for external PC
- woodAssembler



Barcode connection (optional)

- Barcodescanner / -software
- Supported barcodes:
1D – Barcode, 2D – Data Matrix Code
- Every workpiece is exactly identified for the further workpiece flow



Machine Data Recording






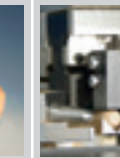


- Collecting and evaluating machine states via time meter and event meter



tapio-ready

- Simply “connect” the machine with tapio to use all innovative digital tapio products
- The free use of tapio MachineBoard is included in the standard

Features

| | | | | | | | | | | | |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |  |  |  |
| Vibrating conveyor | Low-pressure glue pump | tapio-ready | Glue flow control | Pneumatic feed throttle for the drilling feed | Barcode reading system | X-measuring system | Air-conditioning | Special dimensions of the dowels | Add. doweling aggregate | Add. doweling chamber | Add. vibrations conveyor |
| ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |



For you more than...

1,350

service employees worldwide

92%

less on-site service thanks to successful remote diagnosis

5,000

customer training sessions per / year

150,000

machines, all electronically documented in 28 different languages – in eParts

HC LIFE CYCLE SERVICES

Optimal service and individual consultations are included in the purchase of our machines. We support you with service innovations and products which are especially tailored to your requirements. With short response times and fast

customer solutions we guarantee consistently high availability and economic production – over the entire life cycle of your machine.



REMOTE SERVICE

- Hotline support via remote diagnosis by our trained experts regarding control, mechanics and process technology. Thus, more than 92% less on-site service required and consequently a faster solution for you!
- The ServiceBoard App helps to solve tasks in a fast, simple and concrete way. This is achieved by mobile live video diagnosis, automatic sending of service requests or the online spare parts catalog eParts.



SPARE PARTS SERVICE

- High spare parts availability and fast delivery.
- Ensuring quality by predefined spare parts and wear parts kits, comprising original spare parts.
- Identify and inquire for spare parts online under www.eParts.de 24/7, or buy even faster and more comfortably in the new HOMAG eShop (shop.homag.com).



FIELD SERVICE

- Increased machine availability and product quality by certified service staff.
- Regular checks through maintenance / inspection guarantee the highest quality of your products.
- We offer you the highest availability of technicians in order to reduce downtimes in case of unpredictable troubles.

Technical Data



Picture shows the DRILLTEQ D-200/Model 1

| TECHNISCHE DATEN | | DRILLTEQ D-200 Models 1 + 3 | DRILLTEQ D-200 Models 2 + 4 |
|---------------------------|--------|--------------------------------|--------------------------------|
| Workpiece length | mm | 20–1,250 | 20–2,800 |
| Workpiece width | mm | 20–800 | 20–800 |
| Workpiece thickness | mm | 10–60 | 10–60 |
| Compressed air connection | inch | R 1/2" | R 1/2" |
| Compressed air | bar | min. 7 | min. 7 |
| Total connected voltage | kW | approx. 4,5 | approx. 4,5 |
| Extraction connection | mm | 1 x Ø 80 | 1 x Ø 80 |
| Extraction speed | m/sec. | 30 | 30 |
| Supply voltage | A | 10 | 10 |
| Total machine weight | kg | approx. 1,100 | approx. 2,200 |
| Installation dimensions | | | |
| L | mm | 2,260 (2,560*) | 3,810 (4,120*) |
| W | mm | 1,450 | 1,450 |
| H | mm | 1,760 | 1,760 |

* Width incl. control panel

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