

TRENNJAEGER SAWS

Series DC

HIGHLIGHTS

- Automatic saw cut with electronic control unit, also with data transfer for different bevels
- Inclinations with an accuracy up to 300 intermediate positions per degree
- Saw blade diameter from 400 mm to 600 mm for versatile material dimensions



TECHNICAL DATA AT A GLANCE

Machine type	 mm	 U/min.	 kW
DC 421 MS	400	3.000	2,2
DC 421 PS	420	3.000	2,2
DC 421 PBS	420	3.000	2,2
DC 550 PB	550	3.000	3,0
DC 550 SKH	550	3.000	3,0

Further information on the machine series and numerous accessories can be found on our website:
www.wagner-maschinen.de/en/trennjaeger-saws/trennjaeger-milling-machines

**DOUBLE-HEAD SAWS
DC 421 MS / DC 421 PS / DC 421 PBS /
DC 550 PB / DC 550 SKH**



ALL HIGHLIGHTS AT A GLANCE

- Automatic saw cut with electronic control unit, also with data transfer for different bevels
- Inclinations with an accuracy up to 300 intermediate positions per degree
- Saw blade diameter from 400 mm to 600 mm for versatile material dimensions
- Available for a material cutting length of 4,000 mm or 7,000 mm

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DC 421 MS

TECHNICAL DATA

- Double head with manual travel and swivel
- TRI 400 V brake motor
- Power 2.2 kW
- Cutting speed 3,000 rpm
- Cutting precision: +/- 0.2 mm
- Manual swivelling of the saw heads
- Dual ALU head with manual movement of the right head
- Manual swivelling of the saw heads
- For straight and bevel cuts at 45° for inner and intermediate angles
- Designed for the use of 2 hard metal saw blades with Ø 420 mm

STANDARD EQUIPMENT

- Indexing of 0° / 15° / 22.5° / 30° / 45° angle by the rear stop
- Further intermediate angles are possible thanks to the locking mechanism on the front side of the head
- Oleo-pneumatic blade feed
- 2 horizontal pneumatic vices that enable the tightening from the front
- Pneumatically retractable front protection bar
- Spraying device for lubricating the sawing blades.
- Fixed roller conveyor on the moving head
- 2 intermediate roller supports
- 2-hand control console
- Manual movement of the moving head
- Drive handwheel with Visu for fine adjustment of the position
- Blowing gun for the air cleaning
- Machining bench equipped with a millimetre-control ruler
- 90° mini cutting: 360 mm
- 45° mini cutting: 430 mm

DETAIL PICTURES



Horizontal clamping system



Mobile control panel

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We reserve the right to make design changes in the course of technical improvements. Illustrations, dimensions and weights are not bin

DC 421 PS

TECHNICAL DATA

- CNC double-head circular saw / 1 axis
- TRI 400 V brake motor
- Power 2.2 kW
- Cutting speed 3,000 rpm
- Cutting precision: +/- 0.2 mm
- Pneumatic swivelling of the saw heads
- Automatic inclination of 90° and 45° angles
- Other manual intermediate angles are possible thanks to the locking mechanism on the front side of the head
- Oleo-pneumatic blade feed
- 2 horizontal pneumatic vices that enable the tightening from the front
- Pneumatically retractable front protection bar
- Spraying device for lubricating the sawing blades
- For straight and bevel cuts at 45° for inner and intermediate angles
- Designed for the use of 2 hard metal saw blades with Ø 420 mm

STANDARD EQUIPMENT

- Fixed roller conveyor on the moving head
 - 2 intermediate roller supports
 - Industrial control panel with a small screen
 - Motorised movement of the moving head
 - Blowing gun for the air cleaning
 - Machining bench equipped with a millimetre-control ruler
 - 90° mini cutting: 360 mm
 - Mini cutting at 45°: 430 mm
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DC 421 PBS

TECHNICAL DATA DC 421 PBS

- CNC double-head circular saw, 1 axis
- ALU double head with automatic movement of the right head by a digitally controlled DC motor
- Pneumatic swivelling of the saw heads
- For straight and bevel cuts at 45° for inner and intermediate angles
- Designed for the use of 2 hard metal saw blades with Ø 420 mm
- Fixed roller conveyor on the moving head
- 2 pneumatic intermediate roller supports
- 2-hand control console
- Motorised movement of the moving head
- Industrial printer for barcode labels
- Blowing gun for the air cleaning
- Machining bench equipped with a millimetre-control ruler
- 90° mini cutting: 360 mm
- Mini cutting at 45°: 430 mm

STANDARD EQUIPMENT DC 421 PBS

- Fixed roller conveyor on the moving head
- 2 pneumatic intermediate roller supports
- 2-hand control console
- Motorised movement of the moving head
- Industrial printer for barcode labels
- Blowing gun for the air cleaning
- Machining bench equipped with a millimetre-control ruler
- Windows interface® with touch screen
- Import of the cutting list by files of the type „MDB“ to USB media
- 65536 programmable cutting lines
- Possibility to perform 90° cuttings automatically, whereby the moving head is used as the feed
- Automatic cycle for cuttings below or above the machine capacities
- Remote access over the internet

Control panel that enables the following:

- Motorised movement of the moving head

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DC 550 PB

TECHNICAL DATA

- CNC double-head circular saw, 1 axis
- For straight and angled cuttings of 45° to the inside up to 22.5° to the outside, and intermediate angles
- Designed for the use hard metal head saw milling devices with Ø 550 mm
- TRI 400 V brake motor
- Power 3.0 kW
- Cutting speed 3,000 rpm
- Cutting precision +/- 0.1 mm
- Pneumatic swivelling of the saw heads
- Oleo-pneumatic blade feed
- 2 horizontal pneumatic vices that enable the tightening from the front
- 1 vertical pneumatic vice
- Pneumatically retractable front protection bar
- Spraying device for lubricating the sawing blades
- 90° mini cutting: 400 mm
- Mini cutting at 45° outside: 400 mm + 2x profile height
- Mini cutting at 45° inside: 580 mm

STANDARD EQUIPMENT

- 2 hard metal saw blades Ø 550 mm
- Fixed roller conveyor on the moving head
- 2 pneumatic intermediate roller supports
- 2-hand control console
- Motorised movement of the moving head
- Industrial printer for barcode labels
- Blowing gun for the air cleaning
- Machining bench equipped with a millimetre-control ruler
- Windows interface® with 15-inch colour touch screen
- Import of the cutting list by files of the type „MDB“ to USB media
- Possibility to perform inside cuts of 90° and 45°, whereby the moving head is used as the feed
- Automatic cycle for cuttings below or above the machine capacities
- Remote access over the internet

Control panel that enables the following:

- Motorised movement of the moving head

DETAIL PICTURES



Mobile control panel



Control unit with graphical representation



Control unit with label printer

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DC 550 SKH

TECHNICAL DATA

- TRI 400 V Bremsmotor
- TRI 400 V brake motor
- Power 3.0 kW
- Cutting speed 3,000 rpm
- Cutting precision: +/- 0.1 mm
- Motorised swivelling of the saw heads between 45° to the inside and 22.5° to the outside (controlled by numeric control unit and brushless motor)
- 2 horizontal pneumatic vices that enable the tightening from the front
- 1 vertical pneumatic vice
- Oleo-pneumatic blade feed
- Pneumatically retractable front protection bar
- Spraying device for lubricating the sawing blades
- 90° mini cutting: 400 mm
- Mini cutting at 45° outside: 400 mm + 2x profile height
- Mini cutting at 45° inside: 580 mm

STANDARD EQUIPMENT

- Fixed roller conveyor on the moving head
- 2 pneumatic intermediate roller supports
- 2-hand control console
- Motorised movement of the moving head
- Industrial printer for barcode labels
- Electronic profile height measuring device (in the version DC 550 SK also possible without this device)
- Blowing gun for the air cleaning
- Machining bench equipped with a millimetre-control ruler

Control panel that enables the following:

- Motorised movement of the moving head
- Windows interface® with 15-inch colour touch screen
- Import of the cutting list by files of the type „MDB“ to USB media
- Possibility to perform inside cuts of 90° and 45°, whereby the moving head is used as the feed
- Automatic cycle for cuttings below or above the machine capacities
- Remote access over the internet

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