



JOHANNSEN

**Belt
Sanding
Machines**
for wood processing

T 84

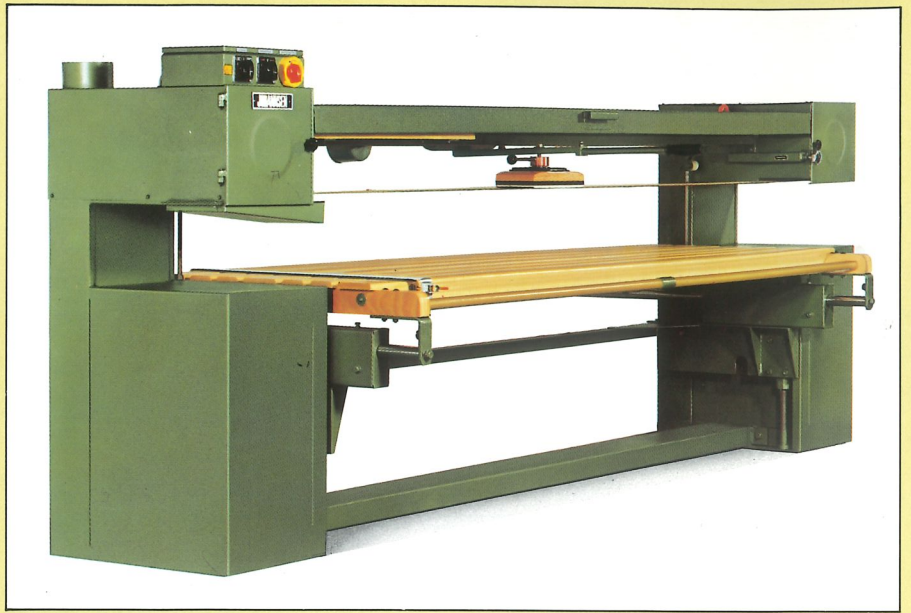
T 85

T 86

Belt Sander

T 84

The large capacity small abrasive belt stroke sander. With twin swan neck and motorised vertical table height adjustment.



The heart of every Johannsen belt stroke sander is our patented Johannsen sanding head with quick release coupling and instant clamping control.

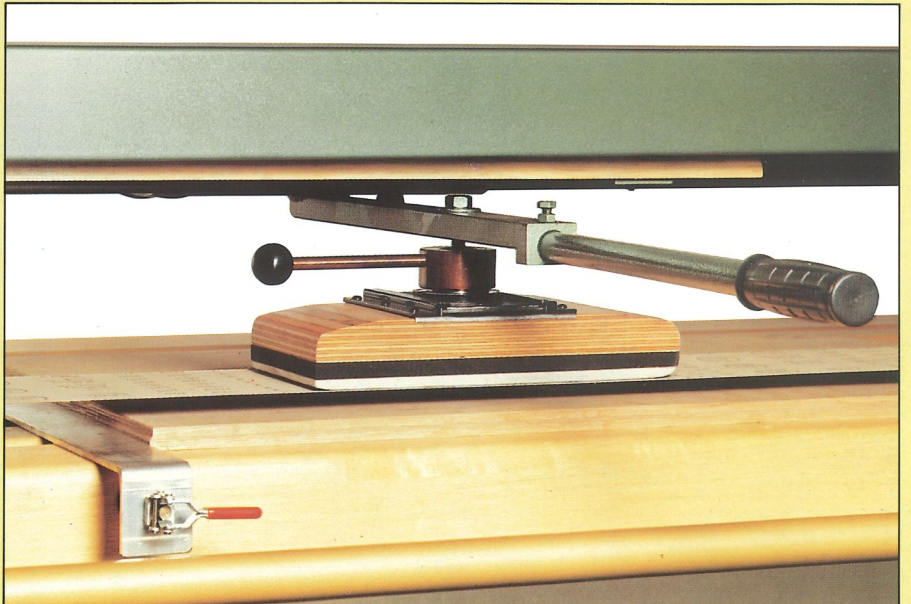
JOHANNSEN

belt sanders

reliable

safe

superior

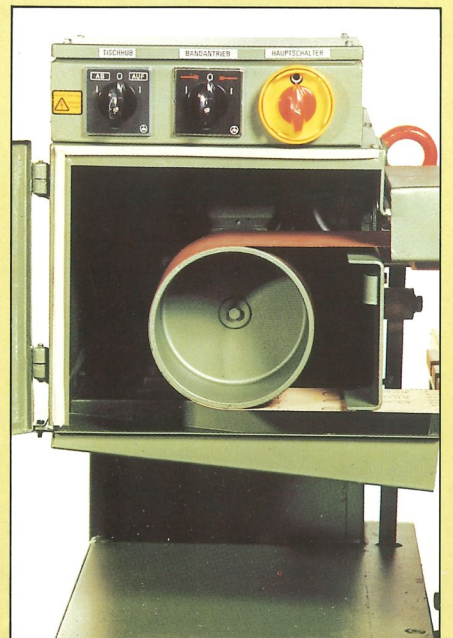


Left hand machine column

The photograph shows the top belt guard in the open position and the platen underneath the top belt. The left hand machine column has a generous swan neck incorporating the dust extraction flange. The adjustable aluminium table stop is standard equipment.

Abrasive belt and table drive

Simple and safe electrical controls. On/off rotary switch for abrasive belt. Raise and lower switch for table. Mains switch.



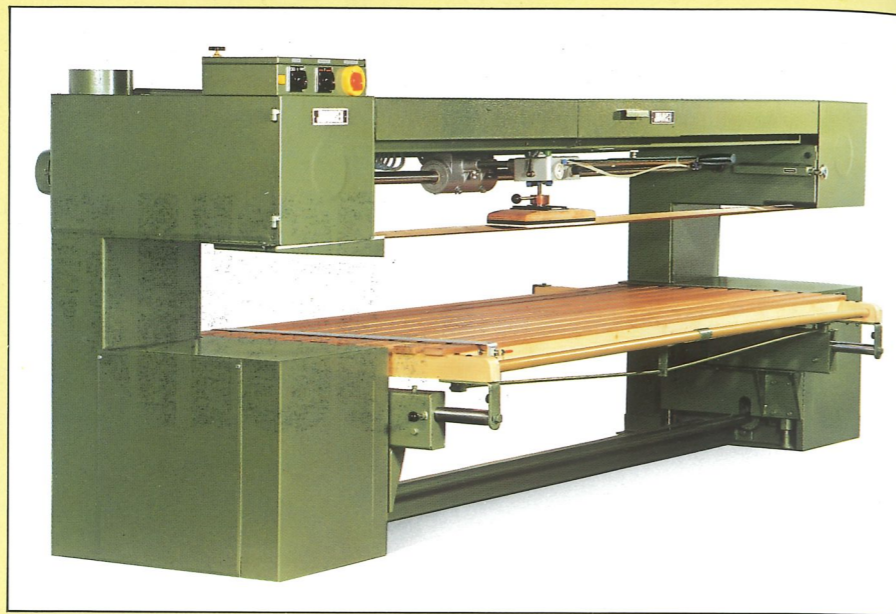
Belt Sander

T 85

Both model T 85 and model T 86 offer more features. The compact design allows maximum capacity within small space requirements.

Both models have twin swan necks and motorised vertical table height adjustment as standard.

Size of swan necks, table dimensions and belt drive motor size vary.

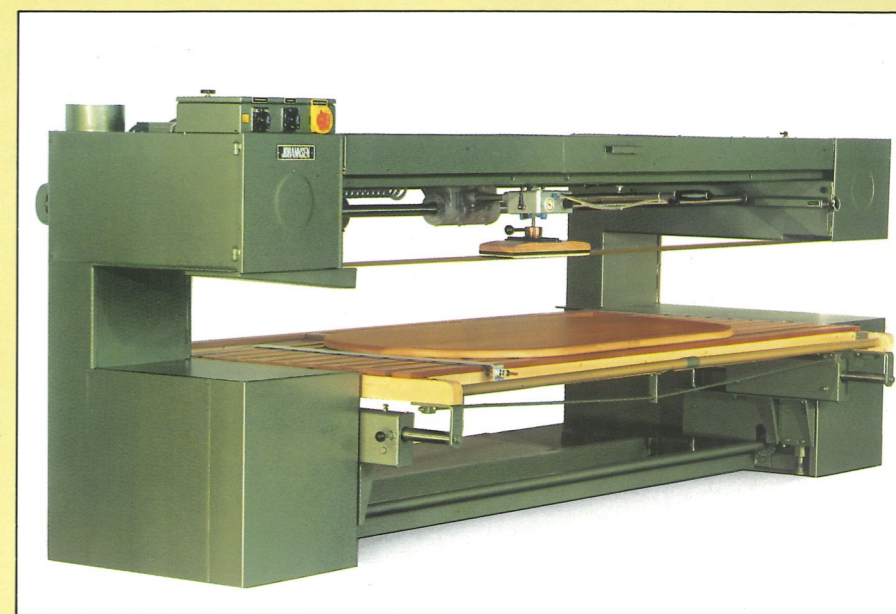


Belt Sander

T 86

Both models T 85 and T 86 are equipped with a powerful, quiet ventilator.

Both models are available with a range of optional features which makes them better suited for certain special applications, e.g. sanding pad with pneumatic contact pressure, lighting, vacuum suction holding pads, belt cleaning nozzles.



Pneumatic sanding unit

The pressure is variable according to material and workpiece quality. The effort on the sanding unit can be reduced to a minimum by means of a switch. This makes it possible for the operator to save his energy (on request).

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Aluminium frame sanding pad cross

Allows efficient and economical sanding of large frames (optional).

Quick change sanding pad

Sanding pads of varying lengths can be changed in seconds. Special 300 mm long sanding pad for narrow components.

Pad 450 mm long for veneer-sanding. If equipped with pneumatic sanding unit, 650 mm long pad available on request.



Belt blow-out nozzle

Mounted in the left machine body over the driving belt pulley. To clean the belt (on request).

Belt tensioning

Standard by handwheel with threaded spindle. Belt shown untensioned.

Pneumatic belt tensioning

Available as optional extra. The photograph shows the belt tensioned.

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Quality for generations

Full width top flatbed platen

Can be raised and lowered via excen-ter. Covered with graphite cloth and felt (optional).

Vacuum suction holding pads

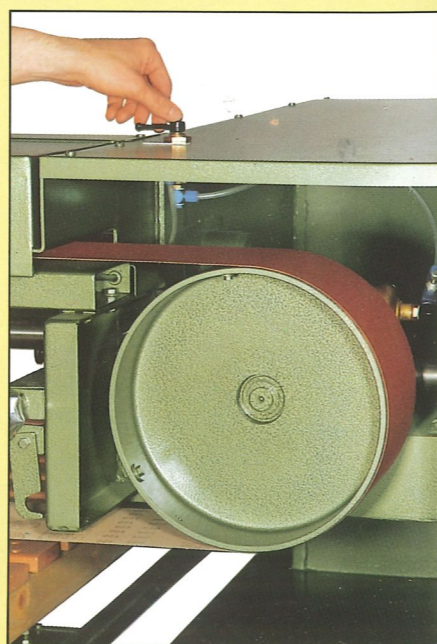
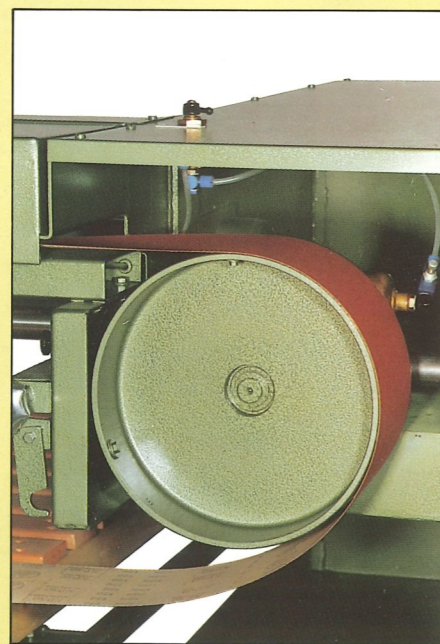
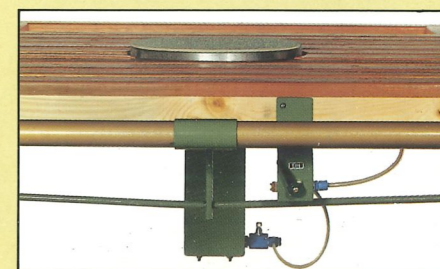
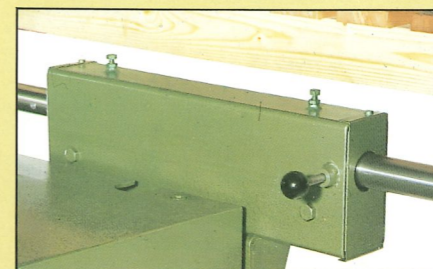
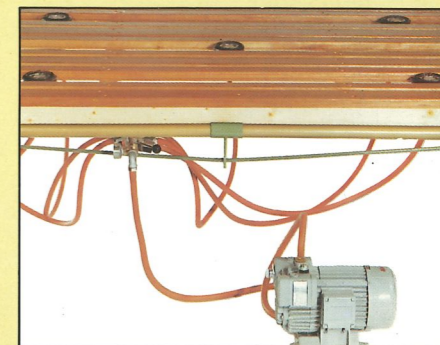
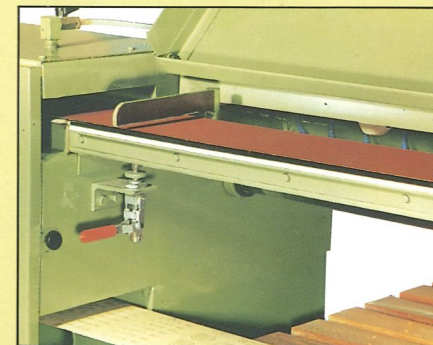
Built into table. Ideal for holding thin plywood panels, etc. (optional).

Table lock

Locks table in position for loading with heavy workpieces. Standard equipment with models T 85 and T 86.

Turntable

Built into table and height adjustable (optional).



Technical specification:

| Dimensions in mm | | T84 | T85 | T86 |
|--|----------------|-----------------------------|---------------------------|---------------------------|
| Space requirements | length | 3800 | 3950 | 3950 |
| | width | 2100 | 2300 | 2300 |
| Abrasive belt dimensions | width x length | 150 x 7100 | 150 x 7800 | 150 x 7800 |
| Table size | | 2700x x 800 | 2800 x 950 | 2800 x 1250 |
| Max. effective sanding width between machine columns | | 2500 | 2600 | 2600 |
| Sanding width at <u>one</u> table movement | | 850 | 1000 | 1000 |
| Gap under belt, table height adjustment <u>motorised</u> | | 430 | 340 | 340 |
| Swan neck | left | 450 x 220 | 550 x 310 | 550 x 310 |
| | right | 450 x 220 | 550 x 310 | 1000 x 310 |
| Standard drive motor (direct) | | 4 kW | 4 kW | 5,5 kW |
| Star delta switch for clock and anti-clockwise rotation, overload protection, main switch. | | - | - | standard |
| Switch for clock and anti-clockwise rotation, overload protection, main switch. | | standard | standard | - |
| Ventilator motor | | - | 1,1 kW | 1,1 kW |
| Extraction flange on left hand machine column, capacity | | 1200 cbm/h | 1800 cbm/h | 1800 cbm/h |
| Recommended filter area | | 8 m ² | 14 m ² | 14 m ² |
| Extraction flange dia., vertical | Ø | 140 | 180 | 180 |
| Standard voltage | | 380 V, 50 Per. | 380 V, 50 Per. | 380 V, 50 Per. |
| Belt speed with pole change motor | | 27 m/sec. 13,5/17 m/sec. | 22 m/sec. 11/22 m/sec. | 22 m/sec. 11/22 m/sec. |
| Weight, net | kg | 520 | 750 | 900 |

Optional extras as shown on price list:

- pole change motor
- pneumatic sanding head
- aluminium sanding pad
- special lacquer sanding pad
- built in fluorescent light fitting
- upper belt support
- angle stop on upper belt support
- rotating belt cleaning nozzle
- vacuum holding system
- pneumatic belt tensioning
- turntable
- motor brake switch
- felt or graphite cover
- brushing unit for rustic finish (see back page)

Brushing head for rustic finish also

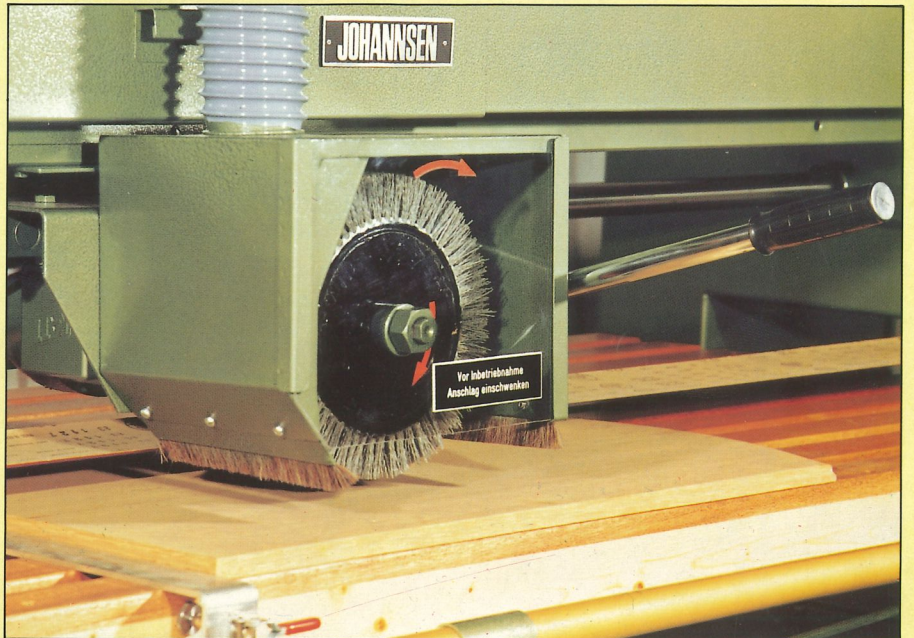
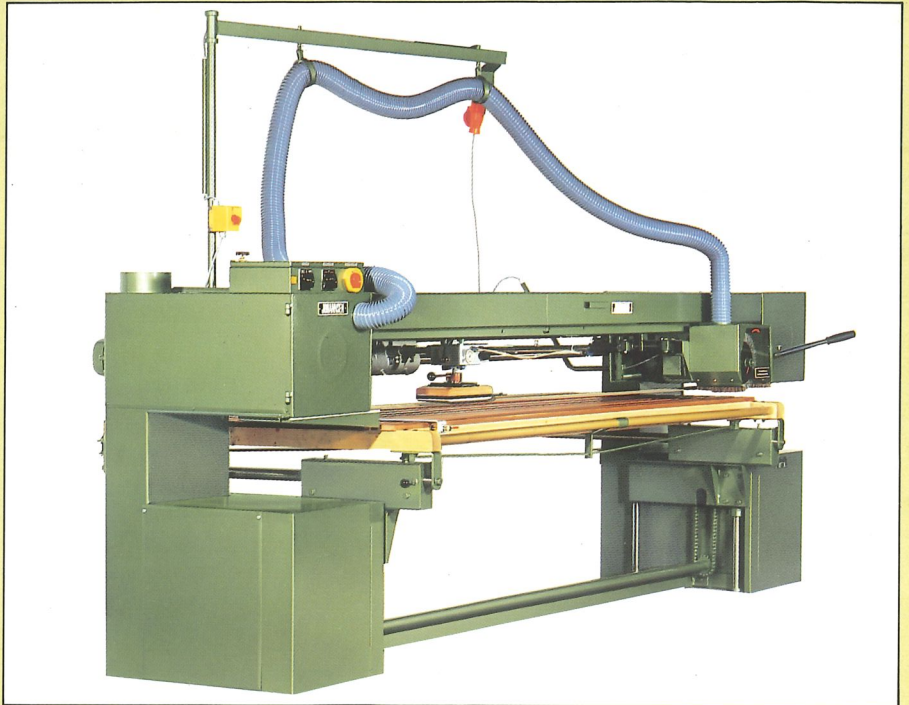
You can use your Johannsen sander as a brushing machine

The brushing head considerably widens the scope of your Johannsen sander. You will be able to offer your customers a whole new range of finishes: rustic, brushed, satinized, polished. The rustic finish removes some of the softer wood grain and gives the surface a three dimensional finish.

The brushing head is an optional extra and can be fitted at any time. If not already ordered with the original machine we can supply a complete kit together with simple instructions.

These are the benefits a brushing head can offer you:

- Can be fitted to existing Johannsen sanders
- Simple fitting and easy operation
- Effortless brushing action
- Heavy duty motor
- Simple and fast brush changes
- Robust design
- Effective dust extraction hood



Technical Specification:

| | |
|-------------|--|
| Motor | 2,2 kW, 1500 min ⁻¹ , 380 V |
| Brush Dia. | 250 mm |
| Brush width | max. 150 mm |
| Brush bore | 30 mm |

All our machines are built to UW VBG 7j and VDE. They also carry the German Safety Standard Seal



We reserve the right to make dimensional and design changes without prior notice.

Your local stockist



JOHANNSEN

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