

...ing and/or calibrating
...ing all different kinds of
...ultiple-head execution.

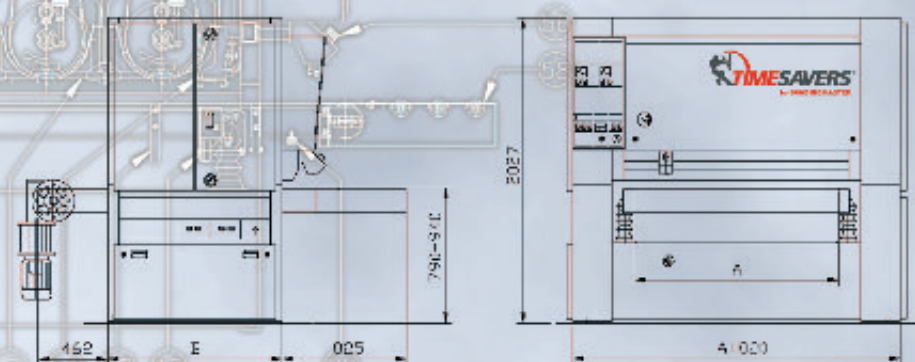
Machine size and weight:

Machine weight:

| | 900 mm | 1100 mm | 1350 mm |
|-------------|---------|---------|---------|
| One head | 1600 kg | 1900 kg | 2200 kg |
| Two heads | 2500 kg | 2800 kg | 3100 kg |
| Three heads | 3400 kg | 3700 kg | 4000 kg |
| Four heads | 4300 kg | 4500 kg | 4800 kg |

Final machine weight depends on options

Machine size:



| | 900 | 1100 | 1350 |
|---|-----|------|------|
| A | 900 | 1100 | 1350 |
| B | 780 | 1150 | 1600 |
| C | 800 | 800 | 800 |
| D | 800 | 800 | 800 |
| E | 800 | 800 | 800 |
| F | 800 | 800 | 800 |
| G | 800 | 800 | 800 |
| H | 800 | 800 | 800 |
| I | 800 | 800 | 800 |
| J | 800 | 800 | 800 |
| K | 800 | 800 | 800 |
| L | 800 | 800 | 800 |
| M | 800 | 800 | 800 |
| N | 800 | 800 | 800 |
| O | 800 | 800 | 800 |
| P | 800 | 800 | 800 |
| Q | 800 | 800 | 800 |
| R | 800 | 800 | 800 |
| S | 800 | 800 | 800 |
| T | 800 | 800 | 800 |
| U | 800 | 800 | 800 |
| V | 800 | 800 | 800 |
| W | 800 | 800 | 800 |
| X | 800 | 800 | 800 |
| Y | 800 | 800 | 800 |
| Z | 800 | 800 | 800 |

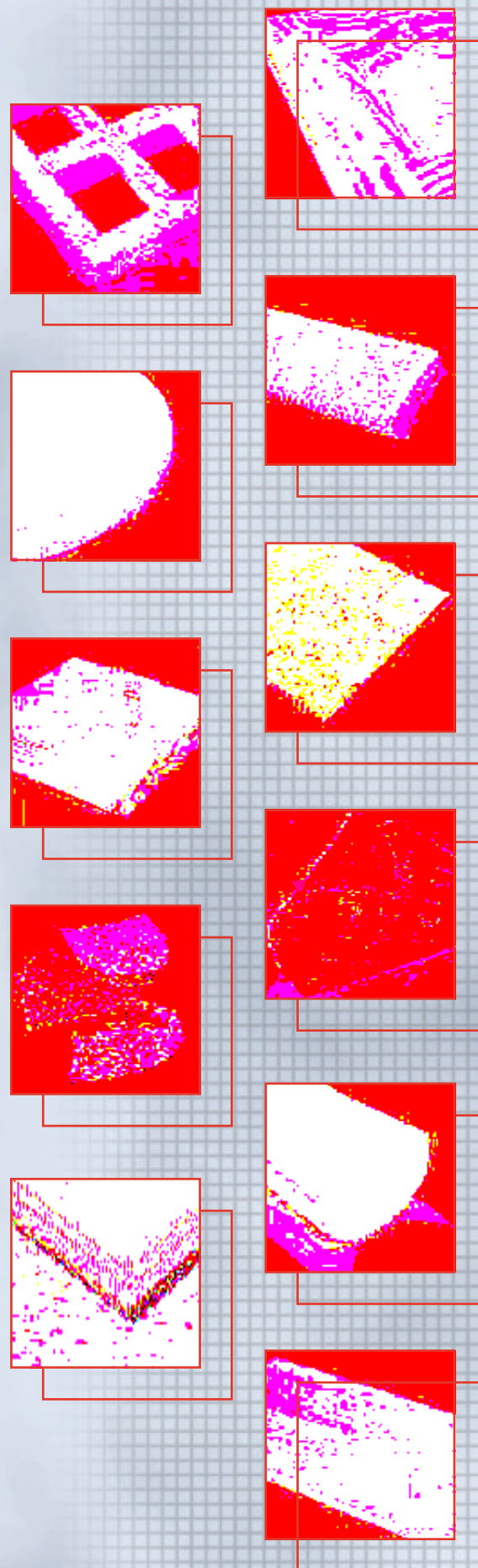
IN STANDARD EXECUTION

Bottom sander:

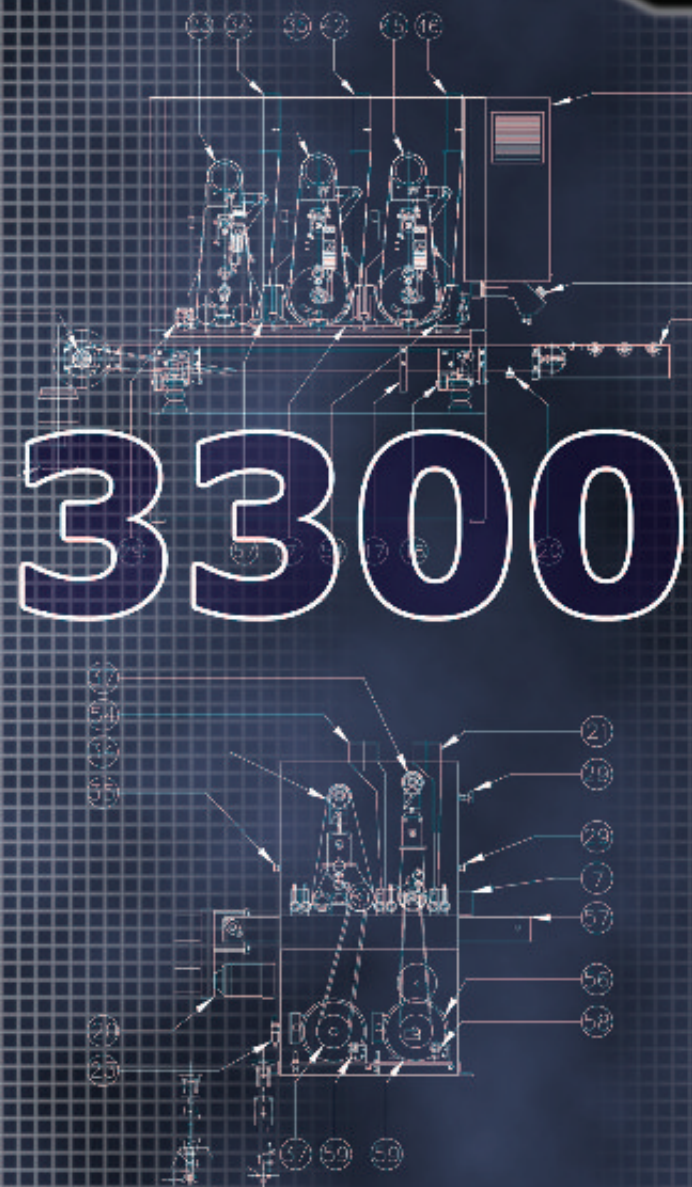
Bottom sanders are available in this series. Those can be placed behind each other, with or without inbetween conveyor, to create a sandingline.



...industrial-duty machine. Available
...sanding, veneersanding and/or
...don't hesitate to contact us.



3300 serie



History

- 1939 Arie van der Linden starts a repair shop for woodworking machinery in Rotterdam under the name "LIMARO"
- 1946 Production of new woodworking machines
- 1953 Specializing in sanding machines (stroke sander, drum sander)
- 1963 Wide belt contact (contact roller) sander "SANDINGMASTER", specializing in wide belt sanders
- 1970 Wide belt grinding machines for metal "GRINDINGMASTER"
- 1996 Linden Machines becomes (with her division names SANDINGMASTER and GRINDINGMASTER) part of the TIMESAVERS group. The name Linden disappears and the company continues as TIMESAVERS INTERNATIONAL B.V. and takes care of all the activities of the TIMESAVERS group in the world with exception of the USA

Size

The TIMESAVERS group is one of the 10 daughter companies of CRL-Industries, Chicago USA, a "Holding" with an activity per year of about 500 millions Euro's

TIMESAVERS and SANDINGMASTER-GRINDINGMASTER have built and sold over the 60 years of their existence about 50.000 machines

Dealer:

Manufacturer:

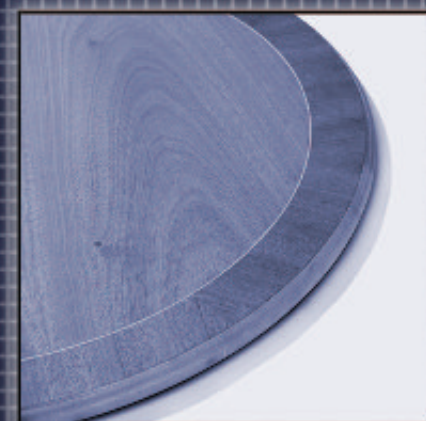
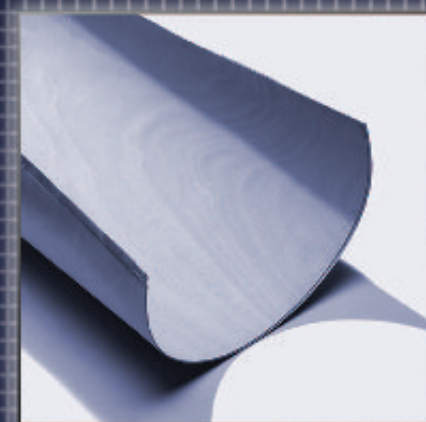
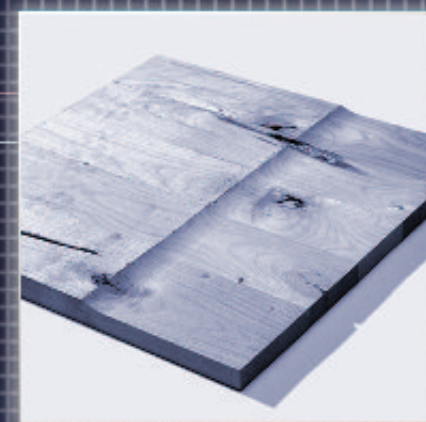
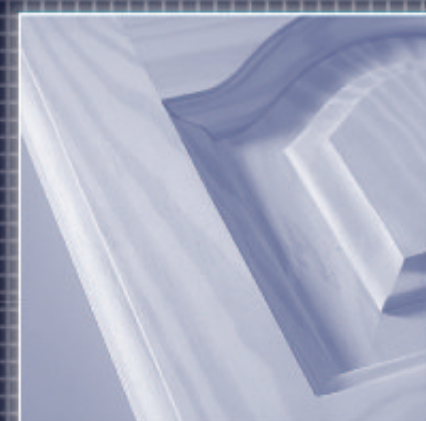
Timesavers Int. B.V.
Fruitlaan 20-30
4462 EP Goes

P.O. Box 68
4460 AB Goes

The Netherlands

Tel: +31 113 238900
Fax: +31 113 232003

E-mail: timesaversint@timesaversint.com
Website: WWW.timesaversint.com



3300 serie

Sandingmaster machines for calibrating, veneersanding, finishing and laquersanding



Available in the following working widths:
 * 900 mm (except segmented machines)
 * 1100 mm
 * 1350 mm

Available heads:
 * Contact roller head (W)
 * Sanding pad head (S)
 * Combination head (C)
 * Knife planer head (P)
 * Segmented pad head (G)
 * Segmented combination head (K)
 * Segmented cross belt head (D)
 * Orbital head (O)
 * Brush head (B)

Available belt lengths:
 * 1900 mm (standard)
 * 2150 mm (standard on segmented machines)
 * 2620 mm

Standard configurations:

| 900 mm | 1100 mm | 1350 mm |
|--------|---------|---------|
| W | W | W |
| C | C | C |
| WS | WS | WS |
| WC | WC | WC |
| WWS | WWS | WWS |
| WWC | WWC | WWC |
| WWWS | WWWS | WWWS |
| WWWC | WWWC | WWWC |

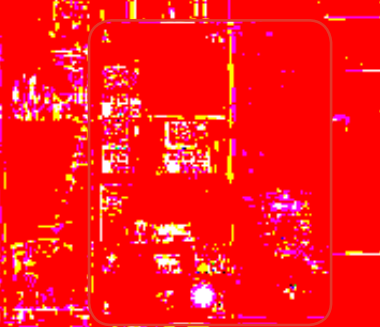
Standard configurations planer series:

| 900 mm | 1100 mm | 1350 mm |
|--------|---------|---------|
| PW | PW | PW |
| PC | PC | PC |
| PWW | PWW | PWW |
| PWS | PWS | PWS |
| PWC | PWC | PWC |
| PWWS | PWWS | PWWS |
| PWWC | PWWC | PWWC |

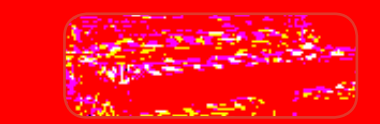
Standard configurations segmented series:

| 900 mm | 1100 mm | 1350 mm |
|--------|---------|---------|
| K | K | K |
| WG | WG | WG |
| WK | WK | WK |
| KG | KG | KG |
| WWG | WWG | WWG |
| WWK | WWK | WWK |

Other configurations available



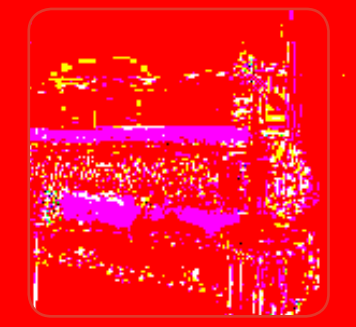
Centralised control panel



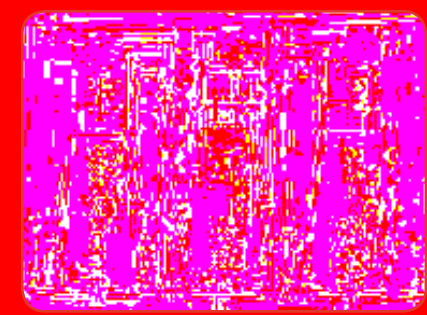
Extended front table



Special Front pressure bar for planer head



Optional: Product cleaning brush



Optional: Belt length 2150 mm



Optional: Centralised screen control (HMI)



Automatic thickness setting



Optional: Exchange unit for planer head



Optional: Ionisation unit



Optional: Belt length 2620 mm

Technical data 3300 serie:

Including:
 * Centralised control panel
 * Finger protection
 * "Emergency stop"-buttons
 * Motorized table opening adjustment 0-150 mm
 * Belt security
 * Extended infeed table
 Lindomatic; Automatic thickness setting
 Fine adjustment on all heads
 Choice out of a large list of optionals (some are mentioned in this brochure)

Standard main motors:

| | 900 mm | 1100 mm | 1350 mm |
|---|---------|---------|---------|
| W | 18,5 kW | 22 kW | 22 kW |
| S | 11 kW | 11 kW | 15 kW |
| C | 15 kW | 15 kW | 18,5 kW |
| P | 15 kW | 18,5 kW | 18,5 kW |
| G | --- | 15 kW | 18,5 kW |
| K | --- | 15 kW | 18,5 kW |
| D | --- | 11 kW | 15 kW |
| O | 11 kW | 11 kW | 15 kW |
| B | 11 kW | 11 kW | 15 kW |

Motor capacity can vary due to machine configuration

Dust extraction capacity required:

| | 900 mm | 1100 mm | 1350 mm |
|-------------|------------------------|-------------------------|-------------------------|
| One head | 2200 m ³ /h | 2700 m ³ /h | 3300 m ³ /h |
| Two heads | 4400 m ³ /h | 5400 m ³ /h | 6600 m ³ /h |
| Three heads | 6600 m ³ /h | 8100 m ³ /h | 9900 m ³ /h |
| Four heads | 8100 m ³ /h | 10800 m ³ /h | 13200 m ³ /h |

Final dust extraction capacity required, depends on options

Technical specification:
 Feed speed 4-20 m/min
 400 V / 50 Hz
 CE proof

Optionals
 * Constant pass
 * Belt length 2150 or 2620 mm
 * Vacuumtable
 * extended front- or rear table
 * Screen control (HMI)
 * Product cleaning brush
 * Ionisation unit
 * Belt blow off, cleaning device
 a lot more options are available on request

