Welcome to the aeoon family

aeoon Technologies is based in Tyrol, Austria. Here, we design and manufacture our digital textile printers. All departments contribute to our research and development. But we are not only working on new machines. We are constantly finetuning our current machines, adding new software features, testing new inks, fluids and materials and try to solve all kinds of obstacles our customers may encounter in their daily businesses. As an addition we would like to introduce you to our dryer series!



Our dryer philosophy



Our dryers have been developed and designed for the needs of the industrial mass production market. If you want to have a wide range of configuration options and low running costs with a high drying performance, these will be the right dryers for you.



clean drying process. By adding wheels to each dryer, you can easily assemble and transport them.



We are extremely flexible and can adjust our dryers to your very needs. Our dryers are customized inlet and outlet length, as well as an individual belt width and belt height.



With the installation of every machine, one of our technicians will give you a training on how to handle the equipment to facilitate your path towards a better understanding



In case of questions or problems, our dedicated support will do their utmost to help you.



***** More from aeoon Technologies



· See us live at a tradeshow or visit us in Austria for a custom presentation!







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• aeoon Dryer Series - Highest quality manufactured in Europe

See us live at a tradeshow or visit our printstudio for a presentation.

| Single Belt

Belt

Belt width

Inlet lenght Belt speed

Heating zone

Outlet lenght

Tunnel height

Max. temperature **Drying rates**

Output

Connection type

aeoon Dryer

PTB Dryer

- 100 cm /39.4 in
- 83 cm (+ 5 cm) / 32,7 in (+ 2 in)
- 120 cm /47.2 in, 150 cm /59.1 in, 210 cm / 82.7 in, 270 cm / 106.3 in
- Between 1 and 15 m/min
- Between 39,4 and 590,6 in/min
- 300 cm / 118.1 in, 400 cm / 157.5 in, 600 cm / 236.2 in
- 120 cm / 47.2 in, 60 cm / 23.6 in
- 10 cm/3.9 in
- 200°C
- 800 to 2500 m³/min
- Between 350 1000 t-shirts/hour
- Electric or gas Electrical Specifications: Voltage 400 AC, Current 16 Amps, Frequency 50/60 Hz Gas Specifications: Burner 1 x 45 KW, Gas Type: LPG natural

standard

Budget Dryer

- 100 cm/39.4 in
- 83 cm (+ 5 cm) / 32,7 in (+ 2 in)
- 120 cm / 47.2 in
- Between 1 and 15 m/min Between 39,4 and 590,6 in/min
- **300 cm / 118.1 in**
- 120 cm / 47.2 in, 60 cm / 23.6 in
- 10 cm/3.9 in
- 200°C
- 800 to 2500 m³/min
- Up to 200 t-shirts/hour
- Electric only 49 KW Electrical Specifications: Voltage 400 AC, Current 16 Amps, Frequency 50/60 Hz

· aeoon Dryer Series

aeoon dryers immediately solve the drying problems faced by most textile companies. Our dryers can be tailored to your needs. We can design from the floor up products and solutions to meet your precise drying needs.

Features:

- High drying performance
- Wide range of configuration options
- HMI touch screen controller
- Low maintenance
- Low running costs
- Low gas and electricity consumption
- Low carbon footprint
- Bidirectional belt
- Easy to install
- Easy to ship modular construction
- Option for UV/IR





Belt width Standard

Inlet lenght Optional

Belt speed

Heating zone

Outlet lenght Standard

Outlet lenght Optional

Tunnel height

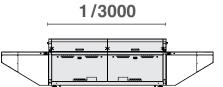
Max. temperature

Drying rates

Output

Connection type

· aeoon Dryer



100 cm /39.4 in

130 cm /51.2 in, 160 cm /63.0 in

83 cm (+ 5 cm) / 32,7 in (+ 2 in)

120 cm / 47.2 in

● 150 cm /59.1 in, 210 cm / 82.7 in, 270 cm / 106.3 in

Between 1 and 15 m/min Between 39,4 and 590,6 in/min

● 300 cm / 118.1 in

120 cm / 47.2 in

● 60 cm /23.6 in, 90 cm /35.4 in

● 10 cm/3.9 in

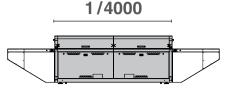
200°C

800 to 2500 m³/min

Up to 240 t-shirts/hour

Electric or gas Electrical Specifications: Voltage 400 AC, Current 16 Amps, Frequency 50/60 Hz Gas Specifications: Burner 1 x 55 KW, Gas Type: LPG natural

single belt



100 cm / 39.4 in

130 cm/51.2 in, 160 cm/63.0 in 83 cm (+ 5 cm) / 32,7 in (+ 2 in)

120 cm / 47.2 in

150 cm / 59.1 in, 210 cm/82.7 in, 270 cm / 106.3 in

Between 1 and 15 m/min Between 39,4 and 590,6 in/min

400 cm / 157.5 in

120 cm / 47.2 in 60 cm /23.6 in, 90 cm /35.4 in

● 10 cm / 3.9 in

● 200°C

 800 to 2500 m³/min Up to 440 t-shirts/hour

Electric or gas Electrical Specifications: Voltage 400AC, Current 16 Amps, Frequency 50/60Hz Gas Specifications: Burner 2 x 55 KW, Gas Type: LPG natural

100 cm /39.4 in

130 cm /51 2 in 160 cm /63 0 in

1/6000

83 cm (+ 5 cm) / 32,7 in (+ 2 in)

120 cm /47.2 in 150 cm /59.1 in,

210 cm / 82.7 in, 270 cm / 106.3 in

Between 1 and 15 m/min Between 39,4 and 590,6 in/min

600 cm /236.2 in

120 cm / 47.2 in

● 60 cm /23.6 in, 90 cm /35.4 in

● 10 cm/3.9 in

200°C

■ 800 to 2500 m³/min Up to 830 t-shirts/hour

Electric or gas Electrical Specifications: Voltage 400AC, Current 16 Amps, Frequency 50/60Hz Gas Specifications: Burner 2 x 55 KW,

1/8000

100 cm / 39.4 in

120 cm / 47.2 in

● 150 cm /59.1 in,

800 cm/315.0 in

120 cm / 47.2 in

● 10cm/3.9in

■ 800 to 2500 m³/min

Electric or gas

Up to 1250 t-shirts/hour

Gas Type: LPG natural

Electrical Specifications: Voltage 400 AC,

Current 16 Amps, Frequency 50/60 Hz

2/8000

Gas Specifications: Burner 3 x 55 KW,

200°C

210 cm / 82.7 in,

270 cm / 106.3 in

Between 1 and 15 m/min

60 cm /23.6 in. 90 cm /35.4 in

Between 39,4 and 590,6 in/min

130 cm/51.2 in, 160 cm/63.0 in

83 cm (+ 5 cm) / 32,7 in (+ 2 in)

100 cm /39.4 in

130 cm/51.2 in, 160 cm/63.0 in 83 cm (+5 cm) /32,7 in (+2 in)

1/12000

120 cm /47.2 in

150 cm /59.1 in, 210 cm /82.7 in,

Between 1 and 15 m/min Between 39,4 and 590,6 in/min

1200 cm / 472.4 in

270 cm / 106.3 in

120 cm /47.2 in

● 60 cm /23.6 in, 90 cm /35.4 in

● 10 cm/3.9 in

200°C

800 to 2500 m³/min

Up to 1700 t-shirts/hour

Electric or gas Electrical Specifications: Voltage 400 AC, Current 16 Amps, Frequency 50/60Hz Gas Specifications: Burner 4 x 55 KW, Gas Type: LPG natural

| Twin Belt

Belt

Belt width Standard

Inlet lenght Optional

Belt speed

Heating zone

Outlet lenght Standard

Outlet lenght Optional

Max. temperature

Connection type

Tunnel height

Drying rates

Output

aeoon Dryer

2/3000

2

70 cm / 27.6 in

83 cm (+ 5 cm) / 32,7 in (+ 2 in)

120 cm / 47.2 in 150 cm /59.1 in, 210 cm /82.7 in,

270 cm / 106.3 in Between 1 and 15 m/min

Between 39.4 and 590.6 in/mir 300 cm / 118.1 in

● 120 cm /47.2 in

● 60 cm/23.6 in, 90 cm/35.4 in

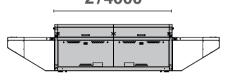
10 cm / 3.9 in

200°C

800 to 2500 m³/min

Up to 480 t-shirts/hour

Electric or gas Electrical Specifications: Voltage 400 AC, Current 16 Amps, Frequency 50/60 Hz Gas Specifications: Burner 1 x 55 KW, Gas Type: LPG natural



2

150 cm / 59.1 in. 210 cm/82.7 in,

Between 1 and 15 m/min

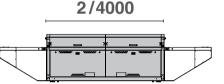
• 120 cm / 47.2 in

10 cm / 3.9 in

200°C

Up to 880 t-shirts/hour Electric or gas Gas Specifications: Burner 2 x 55 KW, Gas Type: LPG natural

twin belt



70 cm /27.6 in

83 cm (+ 5 cm) / 32,7 in (+ 2 in) 120 cm / 47.2 in

270 cm / 106.3 in

Between 39.4 and 590.6 in / min 400 cm / 157.5 in

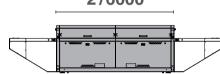
• 60 cm /23.6 in, 90 cm /35.4 in

800 to 2500 m³/min

Electrical Specifications: Voltage 400 AC, Current 16 Amps, Frequency 50 / 60 Hz

2/6000

Gas Type: LPG natural



2

70 cm/27.6 in

83 cm (+ 5 cm) / 32,7 in (+ 2 in)

120 cm /47.2 in 150 cm /59.1 in.

210 cm / 82.7 in,

270 cm / 106.3 in Between 1 and 15 m/min

Between 39.4 and 590.6 in/min

600 cm /236.2 ir ● 120 cm /47.2 in

● 60 cm / 23.6 in, 90 cm / 35.4 in 10 cm / 3.9 in

200°C

 800 to 2500 m³/min Up to 1660 t-shirts/hour

Gas Type: LPG natural

Current 16 Amps, Frequency 50/60 Hz

Gas Specifications: Burner 3 x 55 KW,

3/6000

2

70 cm /27.6 in

83 cm (+5 cm) /32,7 in (+2 in) 120 cm / 47.2 in

150 cm /59.1 in.

210 cm/82.7 in, 270 cm / 106.3 in

Between 1 and 15 m/min Between 39.4 and 590.6 in/mir

800 cm /315.0 in

120 cm / 47.2 in • 60 cm / 23.6 in, 90 cm / 35.4 in

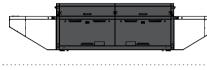
10cm/3.9in 200°C

800 to 2500 m³/min

Up to 2500 t-shirts/hour Electric or gas
 Electrical Specifications: Voltage 400 AC,
 Current 16 Amps, Frequency 50/60Hz Gas Specifications: Burner 3 x 55 KW,

Gas Type: LPG natural

2/12000



70 cm/27.6 in

2

83 cm (+5 cm) /32,7 in (+2 in) 120 cm /47.2 in

150 cm /59.1 in. 210 cm/82.7 in,

Between 1 and 15 m/min Between 39,4 and 590,6 in/mir

270 cm / 106.3 in

1200 cm /472.4 in 120 cm /47.2 in

• 60 cm / 23.6 in, 90 cm / 35.4 in

10 cm/3.9 in

200°C

800 to 2500 m³/min

Up to 3200 t-shirts/hour Electric or gas
Electrical Specifications: Voltage 400AC,
Current 16 Amps, Frequency 50/60Hz

Gas Specifications: Burner 6 x 55 KW, Gas Type: LPG natural

3/12000

· aeoon Dryer

3

No

9 70 cm / 27.6 in

| Triple Belt

Inlet lenght Standard

Belt width Standard

Inlet lenght Optional

Belt

Belt speed

Heating zone Outlet lenght Standard

Outlet lenght Optional

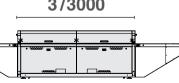
Tunnel height Max. temperature

Drying rates

Output

Connection type

3/3000



- 120 cm / 47.2 in 150 cm / 59.1 in, 210 cm /82.7 in. 270 cm / 106.3 in

Between 39,4 and 590,6 in/min

60 cm/23.6 in, 90 cm/35.4 in

Between 1 and 15 m/min

83 cm (+ 5 cm) / 32,7 in (+ 2 in)

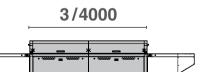
- 300 cm / 118.1 in 120 cm / 47.2 in
- 10 cm / 3.9 in ■ 200°C
- 800 to 2500 m³/min

Up to 720 t-shirts/hour

Gas Type: LPG natural

Electric or gas Electrical Specifications: Voltage 400 AC, Current 16 Amps, Frequency 50/60 Hz Gas Specifications: Burner 1 x 55 KW,

triple belt



- 83 cm (+ 5 cm) / 32,7 in (+ 2 in) 120 cm / 47.2 in
- 270 cm / 106.3 in Between 1 and 15 m/min Between 39,4 and 590,6 in/min

400 cm / 157.5 in

10cm/3.9in

Electric or gas

200°C

150 cm / 59.1 in,

210 cm/82.7 in.

9 70 cm / 27.6 in

No

- 120 cm / 47.2 in • 60 cm /23.6 in, 90 cm /35.4 in
- 800 to 2500 m³/min Up to 1320 t-shirts/hour

Gas Type: LPG natural

Electrical Specifications: Voltage 400 AC,

Current 16 Amps, Frequency 50/60 Hz

Gas Specifications: Burner 2 x 55 KW,



70 cm/27.6 in No 83 cm (+ 5 cm) / 32,7 in (+ 2 in)

210 cm / 82.7 in, 270 cm / 106.3 in Between 1 and 15 m/min Between 39,4 and 590,6 in/min

120 cm /47.2 in

150 cm / 59.1 in,

600 cm /236.2 in

800 to 2500 m³/min

Gas Type: LPG natural

200°C

120 cm /47.2 in ● 60 cm / 23.6 in, 90 cm / 35.4 in ● 10 cm/3.9 in

Up to 1660 t-shirts/hour Electric or gas Electrical Specifications: Voltage 400 AC, Current 16 Amps, Frequency 50/60 Hz Gas Specifications: Burner 3 x 55 KW,



3/8000

• 150 cm / 59.1 in or 210 cm / 82.7 in or 270 cm / 106.3 in

Between 39,4 and 590,6 in/min 800 cm/315.0 in 120 cm / 47.2 in

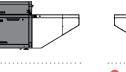
• 60 cm/23.6 in, 90 cm/35.4 in

Between 1 and 15 m/min

200°C 800 to 2500 m³/ min

Up to 3750 t-shirts/hour

Electric or gas Electrical Specifications: Voltage 400 AC, Current 16 Amps, Frequency 50/60 Hz Gas Specifications: Burner 4 x 55 KW, Gas Type: LPG natural



No 83 cm (+ 5 cm) / 32,7 in (+ 2 in)

70 cm/27.6 in

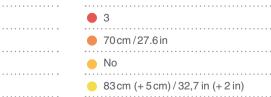
120 cm /47.2 in

150 cm/59.1 in,

210 cm /82.7 in, 270 cm / 106.3 in Between 1 and 15 m/min

Between 39,4 and 590,6 in/min

- 1200 cm / 472.4 in 120 cm /47.2 in
- 60 cm /23.6 in, 90 cm /35.4 in ● 10 cm/3.9 in
- 200°C 800 to 2500 m³/min
- Up to 5100 t-shirts/hour
- Electric or gas Electrical Specifications: Voltage 400 AC, Current 16 Amps, Frequency 50/60 Hz Gas Specifications: Burner 6 x 55 KW, Gas Type: LPG natural



120 cm / 47.2 in

● 10 cm/3.9 in