



# SERIES



SVEBA DAHLEN



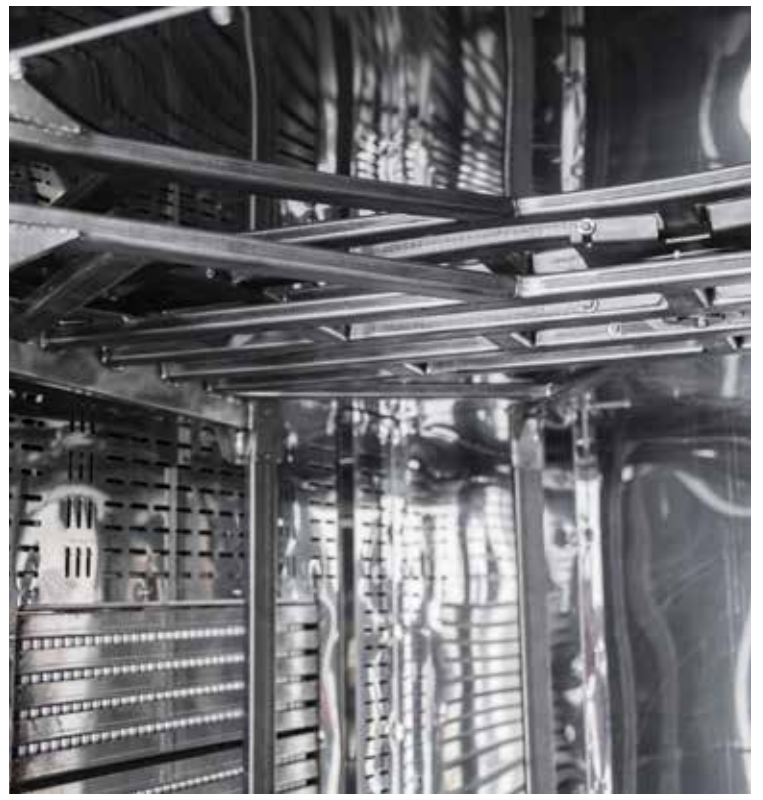
# Fully-equipped industrial capacity with even baking results

**The I-series is a very quiet, reliable and powerful rack oven, built to be safe for use in an industrial environment with high production capacity and that can be loaded quickly and easily on a single occasion without having to rotate the platform. The oven's unique steam system, consisting of two combined and well-tested systems, is extremely powerful with a highly efficient steam capacity. The combination of the oven's designed air flow system and a rotating rack provides extremely even baking results.**

The I-series is robust, efficient and easy to use since it is equipped with a smart control panel. The oven exterior always retains a low temperature and its surfaces are smooth and easy to clean. More than 95% of the oven is made of recyclable material resulting in a unique oven with environmental efficiency in combination with energy efficiency that also makes for an economically smart choice.

The I-series is available in two different sizes and all models are equipped with an extra strong floor with a stable sandwich design with sturdy rock wool insulation,

reducing both heat losses and protecting the floor from the exposure to heat. The oven is equipped with a rotating, stainless steel platform with a very torsion-resistant bottom plate that does not buckle under the weight of the rack trolleys. Up to five racks can be baked simultaneously on the platform (depending on the size of the plates). The ovens also have an extra robust ramp, made from the same material as the platform, which is reinforced with profiles to further increase its stability. The ramp is vertically adjustable so that it can be adapted exactly to the level of the platform.



### Heating system

Highly effective long life stainless steel heat exchanger gives great total economy.



### Rotation

Rotating rack with optimized rotation speed and automatic change of rotation direction using the rack, gives an even bake with better results.



### Airflow

A horizontal airflow developed to give a very even baking result across the rack, even for sensitive bakes with short baking times. The airflow also provides better efficiency and therefore lower heating costs.



### Control panel

User-friendly, smart control panel that gives the user complete control of the entire baking process.



### Energy efficiency

High energy efficiency thanks to the intelligent energy-saving functions and well-insulated oven space.



### Steam system

A uniquely developed steam system with both even and efficient capacity, as well as rapid recovery, resulting in a greater production capacity.



### Low noise level

A very quiet oven.

We recommend that customers use our water filter to ensure longer oven service life.

SVEBA DAHLEN

1

2

3

4

6

7

8

9

10

11

14

5

13

12





## PROPERTIES AND FUNCTIONALITY

### 1. **Effective heat exchange**

Heat exchange in the oil and gas ovens takes place in accordance with the counter-flow principle. The air inside the oven that passes the heat exchanger initially encounters the coolest flue gases and is subsequently gradually heated by the increasingly hotter gases. The result is high efficiency and low heating costs.

### 2. **Heating elements with long service life**

High quality Swedish-manufactured heating elements. Only I60 (electric oven).

### 3. **Smart control panel**

A user-friendly, dust and moisture-resistant panel that allows a good overview of the entire baking process. With its intelligent energy-saving functions and the option for checking the costs per bake, the panel affords complete control over finances. The option of easily saving and retrieving recipes, and programming oven start times, contributes to increased efficiency.

### 4. **Magnetic multi-holder**

A tool holder with a compartment and powerful magnet for storing items such as gloves, knives and paperwork.

### 5. **An ergonomic handle**

A robust and grip-friendly handle that clearly shows when the door is open or closed.

### 6. **A powerful combined steam system**

Powerful levels of steam, quickly. Made from aluminum and steel, resulting in extra clean steam. Good heat properties guarantee quick recoverability, contributing to a continual baking process.

### 7. **Increased Baking Surface (IBS)**

Our own patented system that allows for alternate rack rotation inside the oven during the baking process. The IBS system provides faster, more even and more energy-efficient baking.

### 8. **Slow start**

Provides a softer handling of the product, since rotational speed is lower at the start thereby facilitating the baking of brittle and more delicate pastries.

### 9. **Automatic rotation stop**

The rack automatically rotates to the unloading location when the door handle is lifted at the end of the bake.

### 10. **Door stop with study hinges and integrated, adjustable door holding function.**

Ensures that the door remains open when loading and unloading trolley racks.

### 11. **Sturdy rock wool insulation**

The heat is retained inside the oven thanks to extra thick wall insulation, an air gap and roof insulation, resulting in lower energy consumption and a better working environment.

### 12. **A robust floor**

An extra strong floor in a stable sandwich design with sturdy rock wool insulation that both reduces heat losses and protects the floor from exposure to heat.

### 13. **A robust platform and ramp**

An extra reinforced platform and robust ramp vertically adjustable so that it can be adapted exactly to the level of the platform.

### 14. **Environmentally efficient**

More than 95% recyclable material.

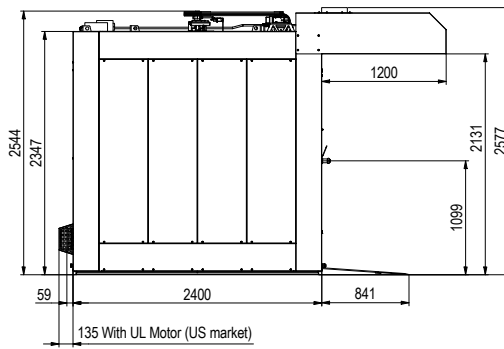
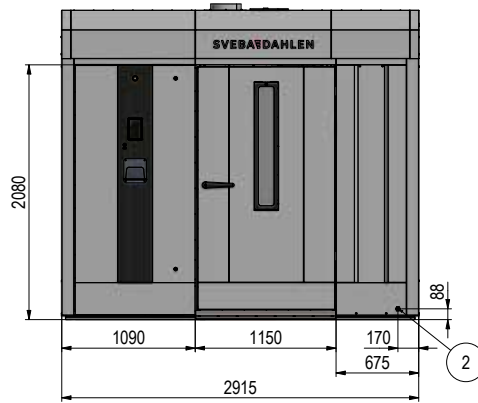
We are working on certifying our products.

Contact your dealer for the latest certification information.

# TECHNICAL SPECIFICATION



## I60 / I61 / I62



### I60

B x H: 2,915 x 2,545 mm  
 Depth: 2,460 mm  
 Depth USA: 2,535 mm  
 Depth with hood: 3,660 mm  
 Depth with hood USA: 3,700 mm

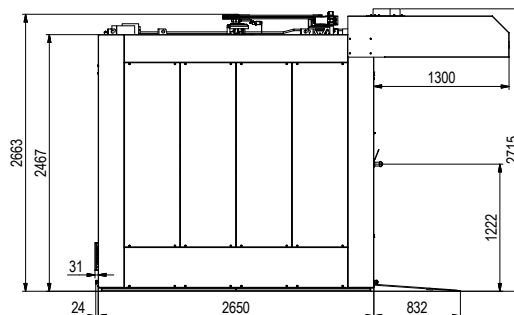
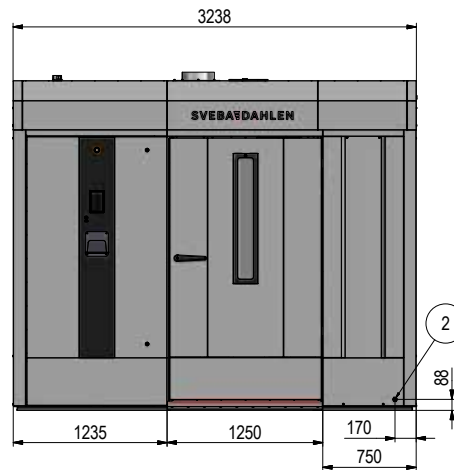
### I61

B x H: 2,915 x 2,545 mm  
 Depth: 2,460 mm  
 Depth USA: 2,535 mm  
 Depth with hood: 3,660 mm  
 Depth with hood USA: 3,700 mm

### I62

B x H: 2,915 x 2,545 mm  
 Depth: 2,460 mm  
 Depth USA: 2,535 mm  
 Depth with hood: 3,660 mm  
 Depth with hood USA: 3,700 mm

## I71 / I72



### I71

B x H: 3,235 x 2,665 mm  
 Depth: 2,680 mm  
 Depth with hood: 3,980 mm

### I72

B x H: 3,235 x 2,665 mm  
 Depth: 2,680 mm  
 Depth with hood: 3,980 mm

## I60 / I61 / I62

	I60 (electric)	I61 (oil)	I62 (gas)
Maximum baking temperature	300°	300°C	300°C
Max tray size per rack	3 x 600 x 800 mm 4 x 457 x 762 mm 5 x 450 x 600 mm	3 x 600 x 800 mm 4 x 457 x 762 mm 5 x 450 x 600 mm	3 x 600 x 800 mm 4 x 457 x 762 mm 5 x 450 x 600 mm
Maximum rotational diameter for racks	1,925 mm	1,925 mm	1,925 mm
Maximum rack height, platform	1,875 mm	1,875 mm	1,875 mm
Power (electric)*	147 kW	5.5 kW	5.5 kW
Power (heat)	144 kW (max)	165 kW (rec) 180 kW (max)	165 kW (rec) 180 kW (max)
Average consumption**	86 kW/h	99 kW/h	99 kW/h
Maximum load, platform	1,000 kg	1,000 kg	1,000 kg
Weight with platform	2,950 kg	3,100 kg	3,100 kg
Door swing radius	1,150 mm	1,150 mm	1,150 mm

## I71 / I72

	I71 (oil)	I72 (gas)
Maximum baking temperature	300°C	300°C
Max tray size per rack	3 x 600 x 1,000 mm 4 x 600 x 800 mm 6 x 450 x 600 mm	3 x 600 x 1,000 mm 4 x 600 x 800 mm 6 x 450 x 600 mm
Maximum rotational diameter for racks	2,175 mm	2,175 mm
Maximum rack height, platform	1,950 mm	1,950 mm
Power (electric)*	5.5 kW	5.5 kW
Power (heat)	200 kW (rec) 215 kW (max)	200 kW (rec) 215 kW (max)
Average consumption**	120 kW/h	120 kW/h
Maximum load, platform	1,000 kg	1,000 kg
Weight with platform	3,700 kg	3,700 kg
Door swing radius	1,250 mm	1,250 mm

\*Depending on voltage. \*\* For continuous baking. Approx. 60% of installed power.

**We believe in high performing, energy efficient and user-friendly equipment.**

We offer reliable technology that allows the professionals of the baking industry creative freedom at the lowest cost of ownership.

We become the professional business partner throughout the baking process, with an accessible organization, user-friendly designs and precisely controlled, reliable equipment.

**Sveba Dahlen AB**

Industrivägen 8

SE-513 82 Fristad

[www.sveba-dahlen.com](http://www.sveba-dahlen.com)

[info@sveba-dahlen.se](mailto:info@sveba-dahlen.se)

