

TECHNICAL FILE

KOENIG REX FUTURA + COMBILINE A600

Automatic line for dividing and moulding bread rolls

IDENTIFICATION SHEET

- Manufacturer: KOENIG Maschinen GmbH
 - Model: Rex Futura + CombiLine A600
 - Year: 2006
 - Type: Automatic dividing and moulding line
 - Configuration: VG190/230 - ST - KKS - SCHL - VO - SCHR - R760/200 - WK - T1R - MOC/ST600 - AS600
 - Power supply: 3 x 400 V + N
 - Frequency: 50 Hz
 - Total power: 7.5 kW
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1. GENERAL INFORMATION

Manufacturer: KOENIG Maschinen GmbH

Country of manufacture: Austria

Year: 2006

Condition: Used machine

Installation type: Automatic bread roll production line

2. LINE CONFIGURATION

The line consists of the following equipment:

- KOENIG Rex Futura volumetric divider
- KOENIG CombiLine A600 automatic production line

2.1 KOENIG REX FUTURA

Function

Automatic volumetric divider designed for accurate dividing of dough pieces.

Features

- High-precision volumetric dividing; designed to process fermented bakery dough while preserving its structure
- Preserves the dough structure
- Automatic feeding of the CombiLine
- Robust industrial construction

Manufacturer's nameplate

Brand:

KOENIG

Model:

REX FUTURA

Type:

V3 S

Year:

2006

Power supply:

3 x 400 V

Frequency:

50 Hz

Power:
2.3 kW

2.2 KOENIG COMBILINE A600

Function

Automatic bread roll moulding line fed by the Rex Futura.

The CombiLine automatically carries out the different intermediate proofing, stamping, moulding and finishing operations before baking.

3. COMBILINE CONFIGURATION

Manufacturer's reference:

A600 - VG190/230 - ST - KKS - SCHL - VO - SCHR - R760/200 - WK - T1R -
MOC/ST600 - AS600

Module 1

VG190/230

Automatic Intermediate Proofer

Function:

Intermediate resting of the dough pieces to improve moulding and final product quality.

Module 2

ST

Stamping Unit

Automatic stamping station.

Equipped with the following tools:

- Kaiser Roll
- Husky Roll

The tools are interchangeable.

Module 3

SCHL

Long Moulding Station

Long moulding unit designed especially for:

- Long bread rolls
 - Baguettes
 - Sandwich rolls
 - Hot-dog style rolls
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Module 4

VO

Water Spraying System

Automatic water spraying before decoration.

Improves seed adhesion to the products.

Module 5

SCHR

Seeding Unit

Automatic decoration station.

Automatic application of:

- Sesame seeds
 - Poppy seeds
 - Sunflower seeds
 - Flax seeds
 - Seed mixes
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Module 6

R760/200

Conveying and transfer module integrated into the line.

Module 7

WK

Work Conveyor

Module 8

T1R

Transfer module.

Module 9

MOC/ST600

Internal conveying module of the production line.

Module 10

AS600

Automatic depositing unit with retractable belt.

Allows:

- Automatic product depositing
 - Accurate positioning on trays
 - Retractable depositing belt
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4. ELECTRICAL DATA

Total line power

7.5 kW

Rex Futura

Power:

2.3 kW

Power supply:

3 x 400 V

Frequency:

50 Hz

CombiLine

Power:

5.2 kW

Power supply:

3 x 400 V + N

Frequency:

50 Hz

5. PRODUCTS

This line allows the automatic production of:

Bread rolls

- Kaiser Rolls
- Husky Rolls
- Round rolls
- Long rolls

Decorated products

- Sesame seed rolls
- Poppy seed rolls
- Seeded rolls

Moulded products

- Baguettes
 - Sandwich rolls
 - Long bread rolls
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6. PRODUCTION FLOW:

1 - Dough

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2 - KOENIG REX FUTURA
Volumetric divider

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3 - VG190/230
Intermediate proofer

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4 - ST

Stamping station

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5 - SCHL

Long moulding station

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6 - VO

Water spraying system

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7 - SCHR

Seeding unit

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8 - R760/200

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WK

↓

T1R

↓

MOC/ST600

↓

AS600

Automatic depositing unit with retractable belt

7. ADVANTAGES

- Fully automatic production line
 - Accurate dough piece dividing
 - Uniform moulding
 - Interchangeable stamping tools
 - Production of several different bread products
 - KOENIG industrial construction
 - Easy cleaning
 - Continuous line feeding
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8. APPLICATIONS

Suitable for the production of:

- Standard bread rolls
- Kaiser Rolls
- Husky Rolls
- Seeded rolls
- Sandwich rolls
- Speciality bread products
- Long-shaped bread products

TARGET USERS:

- Artisan bakeries
 - Industrial bakeries
 - Central production facilities
 - Bakery chains
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9. MANUFACTURER'S NAMEPLATES

KOENIG REX FUTURA

- Model: Rex Futura
- Type: V3 S
- Year: 2006
- Power supply: 3 x 400 V
- Frequency: 50 Hz
- Power: 2.3 kW

KOENIG COMBILINE

Manufacturer's configuration:

A600 - VG190/230 - ST - KKS - SCHL - VO - SCHR - R760/200 - WK - T1R -
MOC/ST600 - AS600

- Power supply: 3 x 400 V + N

- Frequency: 50 Hz
 - Power: 5.2 kW
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10. NOTES

The ST stamping station is equipped with interchangeable tools, including:

- Kaiser Roll
- Husky Roll

The line is designed for continuous automatic production and can be integrated into an industrial production process with upstream equipment for dough preparation and downstream equipment for final proofing and oven loading.

Equipment supplied

- Rex Futura
- CombiLine A600
- VG190/230 Intermediate Proofer
- Stamping Unit
- Kaiser Roll Tool
- Husky Roll Tool
- Long Moulding Station
- Water Spraying System
- Seeding Unit
- Integrated Transfer System
- AS600 Setting Unit