

Atmospheric beer filling block

COSTRAL type COMET 3000 NG

14 filling valves & 1 crowning head (26 mm)

2 sets of format parts : 33 & 75 cl

Capacity : 3,000 bph x 33 cl & 1,600 bph x 75 cl

KHS glass bottle filler-capper (24,000 bph)

KHS glass filler-capper

- 72 filling nozzles
- 12 capping heads

Rotation : right-left (anti-clockwise)

Capacity: 24,000 bph with 33cl and 50 cl bottles

With double vacuum pump

With crown feeding system

PLC: Siemens S7-400

The operator control was replaced in 2015

Dimensions: 5580 x 4580 mm (L x W)

HEUFT EBI (EMPTY BOTTLE INSPECTOR)

Up to 24,000 bph x 33 cl Apo bottles

Machine from 2013, controlling :

- Shape : too high or too wide
- Inner & outer sidewall 1x
- Neck finish
- Bottle base
- Conductive liquids (x 2)

With rejection 3 units :

1 pusher at entrance

2 pushers at exit

Beer filling line in Magnums

(800 bph x 150 cl)

Magnum line : 2,000 bph x 75 cl & 800 bph x 150 cl

3 formats : 75 cl Belgian & Champagne & Magnum 150 cl

Single-line infeed conveyor (hand-loading)

ALFATEK rotary rinser (water) – 12 buses

Block KRONES 16/4 type MECAFILL- anticlockwise

ROBINO & GALANDRINO capper-muzzler (10 heads on the capper and 1 muzzle head)

HEUFT Full bottle inspector type Basic.

ROBINO & GALANDRINO aluminium cover

KRONES labeling machine type VINETTA

Glass Filling line for beer (6,000 bph)

Filling line from Kosme – Krones built in 2022

Capacity : 6,000 bph x 33 cl – 3,200 bph x 75 cl

The line could run with magnum (with additional format parts)

– Manual depalletisation of the bottles

– Bloc KOSME type BARIFILL-RFL (24/24/5)

Double vacuum and electro pneumatic valves

24 rinsing nozzles

24 filling valves

5 capping heads (crown cork 26 mm)

– KRONES labeller type ERGOMATIC

Paper surrounding label (16,5 x 8 cm) & neck label

Possibility to add a second labeling station for back label

Returnable glass bottling line (24,000 bph)

Complete line from Krones and KHS

Capacity : 24,000 bph with 33 cl and 50 cl bottles

Includes :

Crate depalletiser from KHS

Robot depalletiser / palletiser

Crate conveyor

Decapper from RINK

Type KM670/1K

Decrater from KHS

4 heads – Type Innopack Garant

Crate washer from KHS

Type Innoclean

Bottle washer from KHS

Type Innoclean

New glass depalletiser from Unimac

Type Uni 550 DP

Empty Bottle Inspector from Krones

Type Linatronic

Bottle rinser from Gronemeyer

Type RINS

Filler-Capper from KHS

72 filling nozzles

12 capping heads

Crown feeder from NSM Magnettechnik

Filling inspector from MIHO

Labeler from Krones

Type Starmatic – Cold glue – 2 labeling stations

Label inspector from Krones

Crater from KHS

Type Innopack Garant

Full crate inspector from KHS

Automation

Siemens S7 for

- New glass depalletiser
- Bottle washer
- Empty bottle inspector
- Filler block

Siemens S5 for the rest of the line

NRB glass bottling line (40,000 bph)

Non returnable glass bottling line for beer

Key specifications

Nominal speed in bottles per hour

25 cl : 40,000 bph

33 cl : 35,000 bph

50 cl : 30,000 bph

Type of packaging

4 x 6 x 25 cl – 24 x 30 cl – 4 x 6 x 33 cl – 20 x 50 cl

2 x 12 x 25 cl. – 6 x 4 x 33 cl

24 x 25 cl. – 2 x 12 x 33 cl

24 x 33 cl

The line was built in 2003 by SIDEL and consists of :

- Depalletiser type Sweep off
- Triblock type Eurotronica LP
 - Rinser
 - Filler
 - Capper
- NSM Crown cap feeder
- CIP type Autosan
- Fill height control Heuft type Spectrum TX
- Double deck tunnel pasteurizer type PAMA CLD 50/144
- Krones Labeler Topmodule Type 407
- Bottle coding on necklabel Mundi Technology type Mundiscan UP2000 HE
- Krones Bottle inspection and sorting type Checkmat type 707
- Krones Tap tone 500 series
- ETT case erector (12 or 24 bottles) type CF60-2 **machine from 2022**
- H&B basket erector type TLA
- H&B basket inserter type TLE
- FANUC carton packer type Robokomp

- Bortolin Carton closer type MARA HM
 - DOMINO carton coder type A-serie inkjet printer
 - PRISMA weight checker type 10D3
 - Centro Control system full carton inspection type IMAGE VKK 500
 - Palletiser type LINEAR
 - MSK pallet shrinkwrapper
 - LOGOPAK pallet labeler type LOGOMATIK 920 IIPF
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CIMEC labeler from 2021

Model ERA 8T 2S

6 to 7.000 bph

Self-adhesive labels

Fittings for both cans & bottles

- Cans : 250 ml
 - Glass bottles : 250 – 275 – 330 – 700 et 1.000 ml
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Rinser for glass bottles (up to 8000 bph)

Rinser for glass bottles

KOSME Type CK24 ST.UE

Stand alone machine with 24 grippers 1700 mm x 1700 mm

Machine from 2010

Was running on a 8000 bph line :

Following bottle formats where processed on this rinser :

25 cl AP0 / 33 cl AP0 / 33 cl Longneck / 75 cl Bière Belge /
75 cl Champagne

Water treatment : sterile filter

Direction clockwise (left to right)

Power 2 kW

Electrical height adjustment. Automation Siemens S7-200

Krones bottle washer (14,000 bph)

Krones bottle washer

Type Lavatec

19 rows

Runs with bottles from 18 cl up to 75 cl

17,000 running hours

Touch screen and automation redone in 2016