



FROM FEEDER UP TO ANNEALING LEHR –

PRODUCTION LINES

HIGHLY EFFICIENT AND
COMPLETELY AUTOMATIC

Made in
Germany



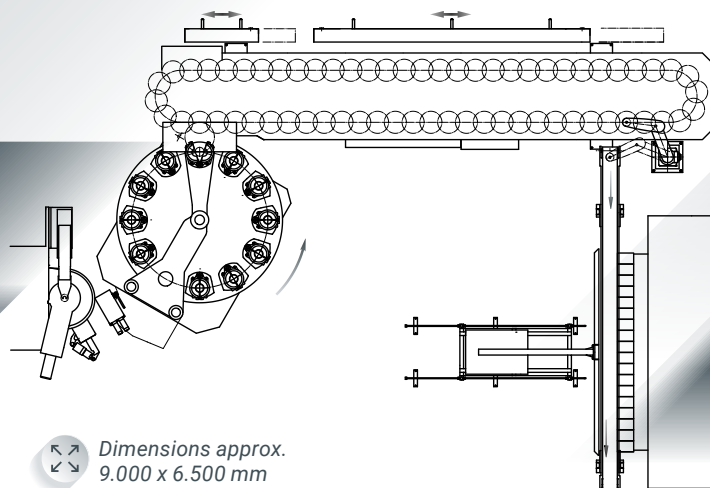
WALTEC.DE



PRODUCTION LINE FOR **TABLEWARE:** HIGH SPEED **SINGLE GOB**



Servo linear feeder SG
E-Press with **ESERVO** press cylinder
Hinged mould system
Horizontal fire polishing with tracking burners
for round articles and articles with handle
4-axis transfer robot
Servo cross conveyor
ESERVO Pusher

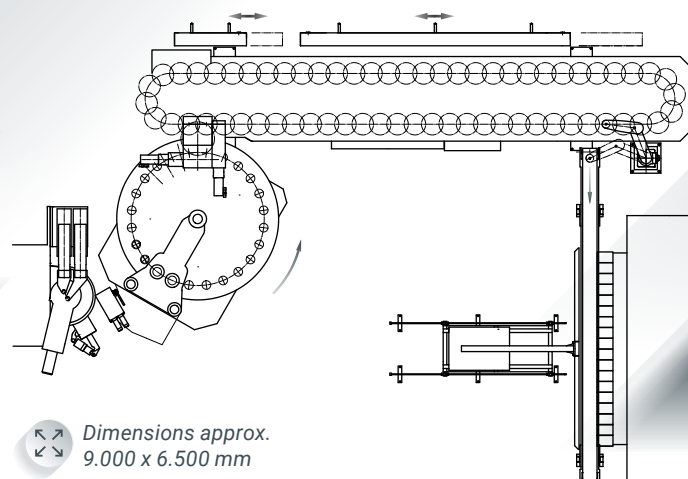


Dimensions approx.
9.000 x 6.500 mm

PRODUCTION LINE FOR **TABLEWARE:** HIGH SPEED **DOUBLE GOB**



Servo linear feeder DG with 2 feeder mechanisms
E-Press with 2 **ESERVO** press cylinders
Hinged mould system
Horizontal fire polishing with tracking burners
for round articles and articles with handle
Transfer system
Servo cross conveyor
ESERVO Pusher

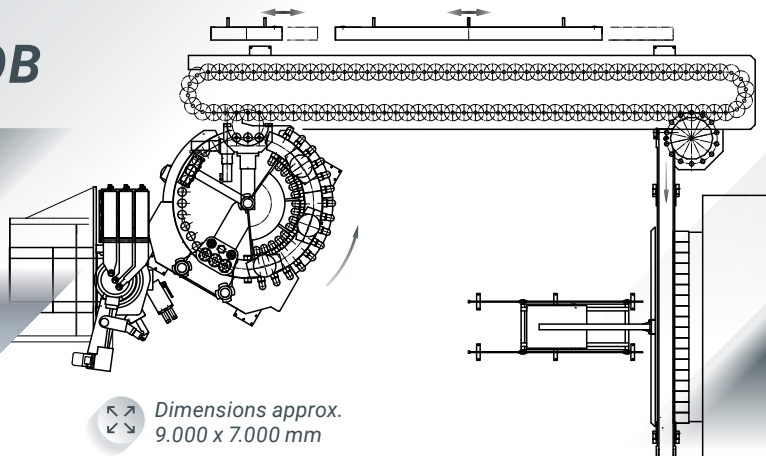


Dimensions approx.
9.000 x 6.500 mm

PRODUCTION LINE FOR **TABLEWARE:** HIGH SPEED **TRIPLE GOB**



Servo linear feeder TG with 3 feeder mechanisms
ESERVO press (3 cylinders) for block moulds
Horizontal fire polishing with tracking burners
for round articles
Transfer gripper
Servo cross conveyor
ESERVO Pusher

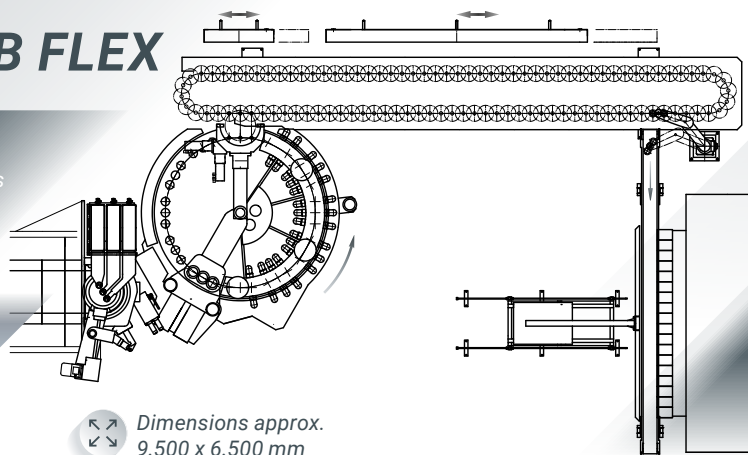


Dimensions approx.
9.000 x 7.000 mm

PRODUCTION LINE FOR **TABLEWARE:** HIGH SPEED **TRIPLE GOB FLEX**



Servo linear feeder TG with 3 feeder mechanisms
ESERVO press (3 cylinders) for block moulds and hinged moulds
Horizontal fire polishing with tracking burners
for round articles and articles with handle
4-axis transfer robot
Servo cross conveyor
ESERVO Pusher

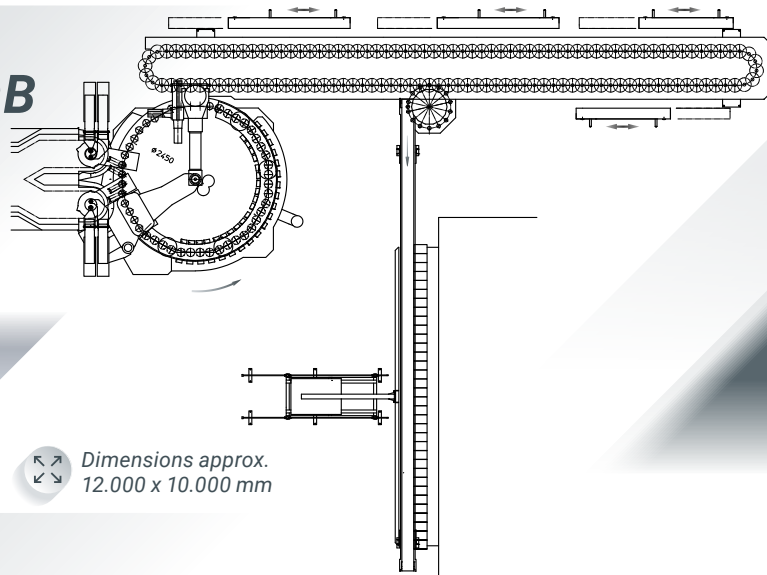


Dimensions approx.
9.500 x 6.500 mm

PRODUCTION LINE FOR **TABLEWARE:** **HIGH SPEED QUADRO GOB**



2 Servo linear feeders DG (in total 4 mechanisms)
ESERVO press (4 cylinders) for block moulds
 Horizontal fire polishing with tracking burners
 for round articles
 Transfer gripper
 Servo cross conveyor
ESERVO Pusher

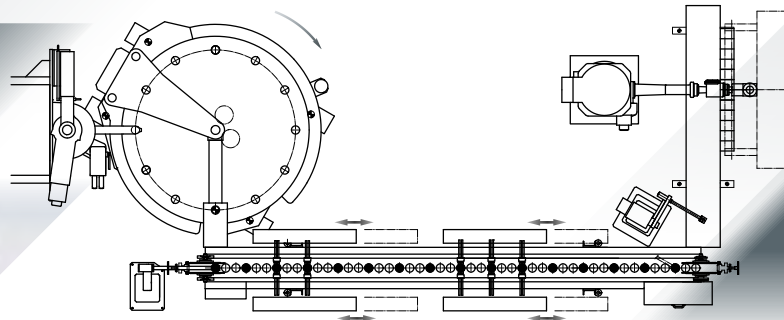


Dimensions approx.
 12.000 x 10.000 mm

PRODUCTION LINE FOR **TECHNICAL & COOKWARE ARTICLES**



Servo linear feeder SG
ESERVO press for block moulds
 Vertical fire polishing with tracking burners for
 round, square, rectangular and oval articles
 with option for hot hole burning
 and/or handle bending
 Transfer system
 6-axis pick & place robot

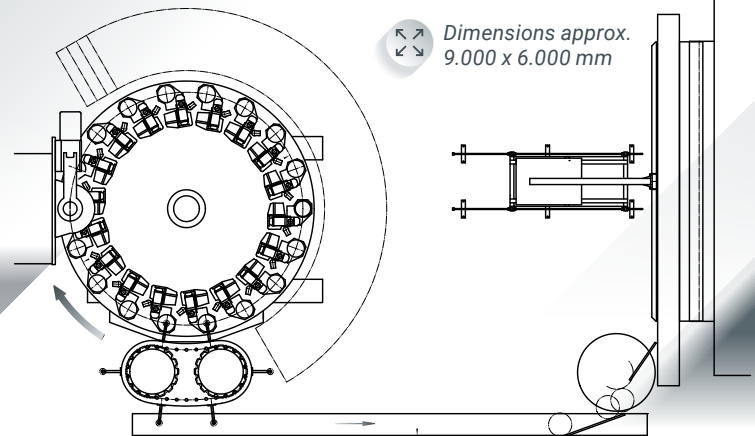


Dimensions approx.
 10.500 x 5.000 mm

PRODUCTION LINE FOR **SPINNING ARTICLES**



Servo linear feeder SG with **variable gob weight**
 Servo-powered S18 spinning machine with
 option for servo-driven vertical funnel movement
 6 arms high speed take-out
 2 servo cross conveyors
 Rotating transfer table
ESERVO Pusher

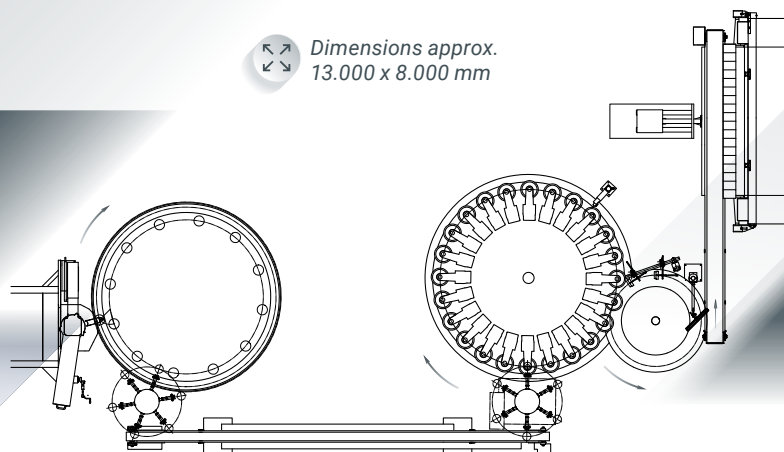


Dimensions approx.
 9.000 x 6.000 mm

PRODUCTION LINE FOR **PRESS-BLOW ARTICLES**



Servo linear feeder SG
ESERVO press-blow machine W12 with automatic
 pre-mould temperature regulation, fan-air cooling
 and plunger temperature control
 Unloading and loading via transfer gripper
 Cooling bridge conveyor
 Burn-off machine 24 sections
 Transfer system and servo conveyor
ESERVO Pusher



Dimensions approx.
 13.000 x 8.000 mm

PRODUCTION LINE FOR GLASS INSULATORS



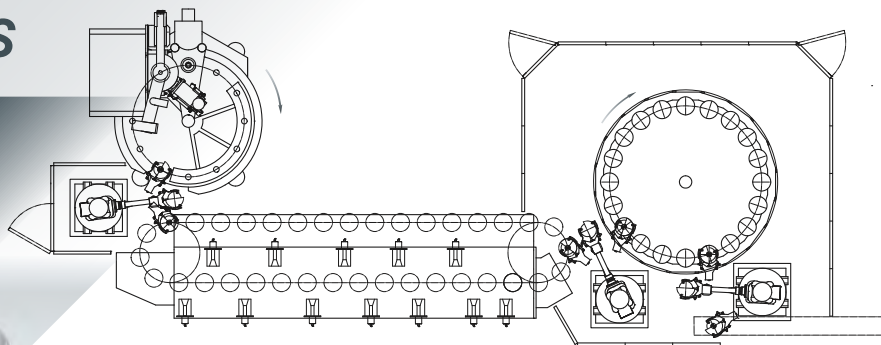
Servo linear feeder SG

E-Press 12 stations with **ESERVO** pressing cylinder with 4 rotating plunger heads

Linear heating furnace

20 sections toughening machine

3 pick & place 6-axis robots



Dimensions approx.
16.500 x 7.000 mm

PRODUCTION LINE FOR GLASS BLOCKS



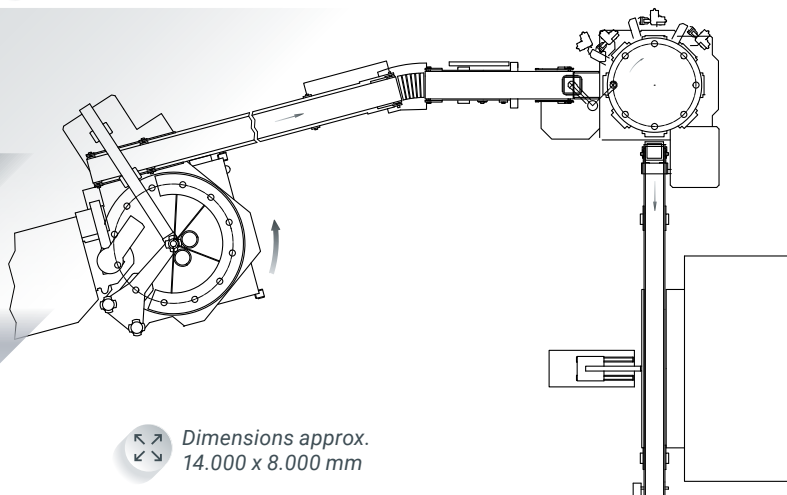
Servo linear feeder SG

E-Press 12 stations with **ESERVO** pressing cylinder and ringholder, special take-out

Servo-powered 8 sections welding machine

Servo cross conveyor

ESERVO Pusher



Dimensions approx.
14.000 x 8.000 mm

PRODUCTION LINE FOR HIGH-QUALITY STEMWARE



2 Servo linear feeders SG

W-SERIES press-blow machine W12

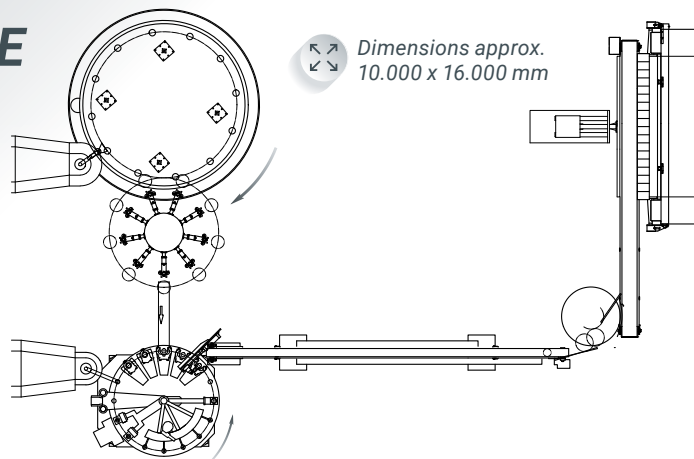
Rotary take-out

E-StemPress with **ESERVO** pressing cylinder for production of stems 24 stations

Linear take-out

Servo cross conveyor

ESERVO Pusher



Dimensions approx.
10.000 x 16.000 mm

PRODUCTION LINE FOR INFRARED TEMPERING



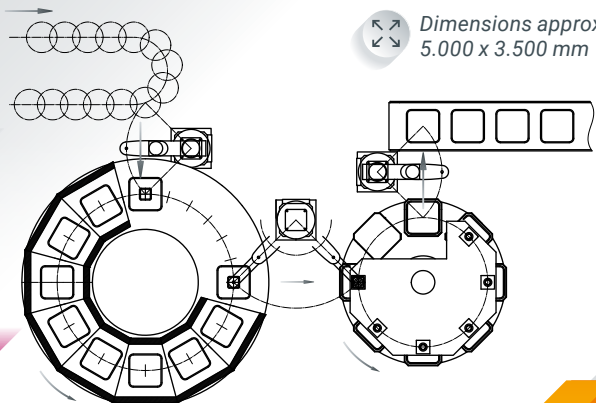
Robot-Loading into IR-furnace

Furnace with IR-beamers

Robot-Transfer

Tempering machine

Robot-Transfer to servo-powered cooling conveyor



Dimensions approx.
5.000 x 3.500 mm

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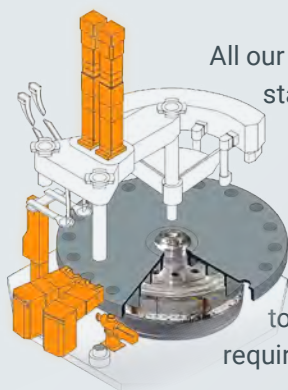
FROM FEEDER UP TO ANNEALING LEHR – **INNOVATIVE GLASS FORMING LINES**

WALTEC is the leading manufacturer of fully automated and electronically controlled glass forming lines and this from feeder up to annealing lehr. We create sustainable and innovative process technologies as well as reliable production lines and components delivering improved resource efficiency, reduced energy consumption, higher output and data-driven process optimization.

All our production lines fulfill tomorrow's economical and environmental requirements for sustainable glass manufacturing. Our complete in-house manufacturing allows us to offer a unique one-stop customer and service approach, eliminating the risk of any third-party failure. Continuity in supply, production and service for all our customers is always guaranteed.

WALTEC's CORE COMPETENCE: **IMPROVING YOUR HOT END FORMING**

ESERVO technology inside



All our production lines are equipped with state-of-the-art servo technology for key components, reducing energy consumption significantly while dramatically increasing efficiency and output. A glass forming process powered by **ESERVO** complies with tomorrow's economical and environmental requirements for glass manufacturing.

WTRACK data softwares



To better understand, monitor and optimize the glass forming process, all our lines are powered by **WTRACK** data software. Smart machine sensors are integrated in our machine designs. They generate important process data during the forming process and this data is fed into the operating systems: Endless possibilities like analyzing, reporting and sharing make it a powerful tool for the production team to improve the production process.

INDIVIDUAL CONFIGURATIONS TO MEET YOUR NEEDS: **FUTURE-PROOF FLEXIBILITY**

WALTEC's pressing tables are compatible with every available mould system: Block moulds, hinged moulds and tulip moulds. Our pressing tables are disposable with multiple pitch diameters, various station configurations and may operate in single, double, triple or even quadro gob mode. All handling and transfer components are optimized with focus on the production process and the produced articles. You will find the most innovative and energy-efficient technology and components in each part of our production lines.



DISCOVER MORE:
WALTEC.DE/PRODUCTIVITY



FOR THE GLASS INDUSTRY –

*DRIVEN BY **INNOVATION***



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Savings and other performance values reflect estimates according to our own best knowledge. WALTEC reserves the right to make technical modifications at any point in time and adjust its information accordingly without prior notice.