



Modular lye application machine

DBA

The all-round talent for line production with upstream and downstream machines.

think process!



OPTIONS

- Automatic lye management
- Infinitely adjustable seeding device for various seeding materials
- Interchangeable container for seeding device
- Higher lye application device
- WP Automatic Loader
- Robotic scoring systems
- Panning conveyor
- Connection to tunnel ovens
- Connection to freezers

BENEFITS

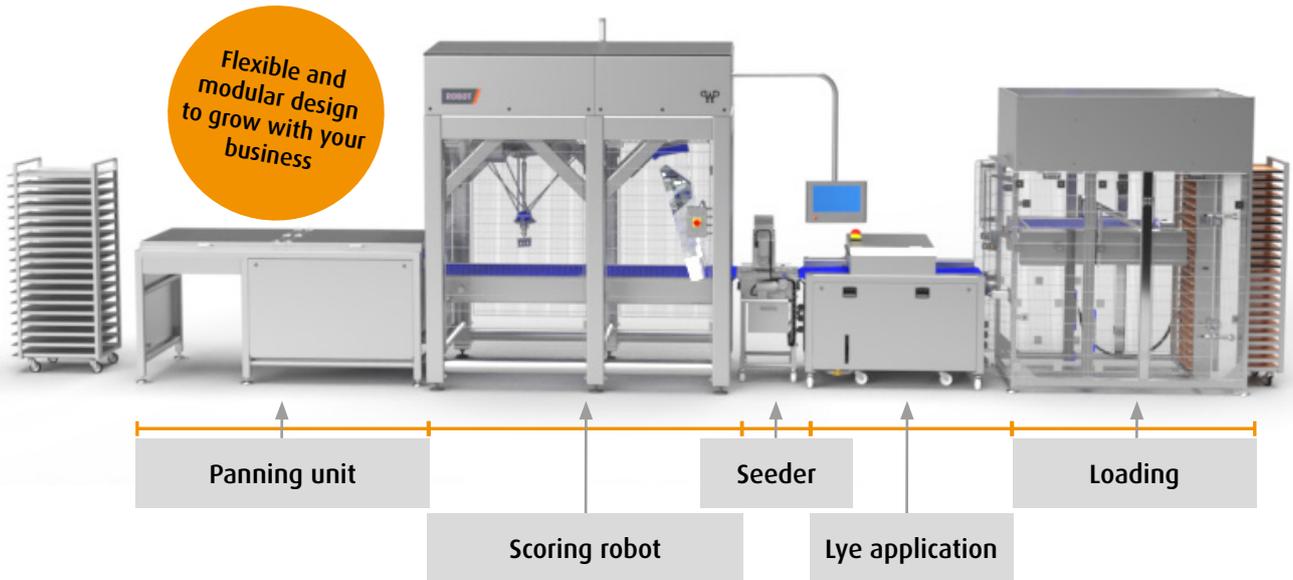
- Fully automatic lye application with programmable timing for consistently high quality even at maximum throughput
- Lye shower and double lye curtain for optimum lye distribution at high throughput speeds
- Extendable lye tank for hygienic cleaning
- The lye level sensor provides early warning if the lye level in the tank is too low
- Viewing window for easy checking of the lye level
- The adjustable heating prevents the lye temperature from dropping and ensures continuous shine and browning throughout the entire production time.
- Touch panel control:
 - Internet and remote maintenance capable
 - Resistant to water, dirt and oil
 - Controls can be set to country-specific language
 - Intuitive operation, different user levels with individual access rights
 - Various programmes and belt speeds can be selected
 - With real-time monitoring, logging and automatic error monitoring, production statistics, utilisation and efficiency data
 - Separately switchable component control
- Quick and easy cleaning: Robust, mobile construction (machine on castors with locking brakes) with sieves and collection containers

TECHNICAL DETAILS

	DBA 660	DBA 1.000
Width belt	660 mm	1,016 mm
Width complete	1,345 mm	1,707 mm
Height belt	930 mm	
Height complete	1,210 mm	
Voltage	3x230V / 400V / N / PE / 50 Hz	
Power	6 kW / 11 A	
Lye heating power	4.5 kW	
Connection	CEE 400V/16A	
Lye tank content	230 l	330 l
IP protection class	65	

**Maximum performance –
for your high-volume
automation**





WP AUTOMATIC LOADER

- Systematic unloading of rack trolleys (peelboards or rollers)
- Cyclical feeding of your lye application device



SEEDER

- For various seeding materials
- Interchangeable containers for quick and easy change-over between sprinkling material
- Infinitely adjustable



SCORING ROBOT

- Various cutting techniques possible
 - Ultrasonic, rotating knives, water jet

- The number of knives can be configured according to requirements
- Integrated 3D camera system recognizes the position of the dough pieces
- Various cutting patterns possible (pretzels, rolls, pretzel sticks, etc.)



PANNING UNIT

- After scoring, the dough pieces can be deposited onto baking trays with retracting conveyor
- With plastic modular belting for hygiene and easier sanitation



ECO-FROSTER

- The dough pieces can optionally be frozen immediately after lye application (and scoring).
- Special features of the Eco-Froster:
 - Large freezer space in a small area
 - The entire mechanism is permanently located in the freezer, making it very energy efficient.

DEEP FRYING (PASTRY)	DEEP FRYING (SAVOURY) & COOKING	IN-STORE / SNACK BAKING
LYE APPLICATION	TRAY CLEANING	ROBOTICS / AUTOMATION
BAKERY FREEZING SYSTEMS	CUSTOMISED SOLUTIONS	ACCESSORIES

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