

Blowing Machine RBM 30-130-1



Glass Blowing Machine RBM 30-130-1, developed by GLAMACO using the company's 50 years of experience in glass technology and machine construction. GLAMACO machines are used by glass manufacturers all over the world, and are appreciated for their reliability, performance, high productivity and cost-effective operation.

Features of the blowing machine RBM 30:

- capable of producing a wide range of quality products (tumblers, coffee pots, hard glass light bulbs, labware)
- extremely precise and uniform dimensions
- high production efficiency and continuous trouble-free operation
- simple and quick job change, easy operation and maintenance
- economical operating costs

The machine consists of:

- gob loading system with two loading arms
- electric actuator for the loading arms, designed as direct drive without gear
- servo-electric press unit with linear motor
- machine turret with 30 blow stations
- blow station with divided working tables
- single motor drive system for working table rotation

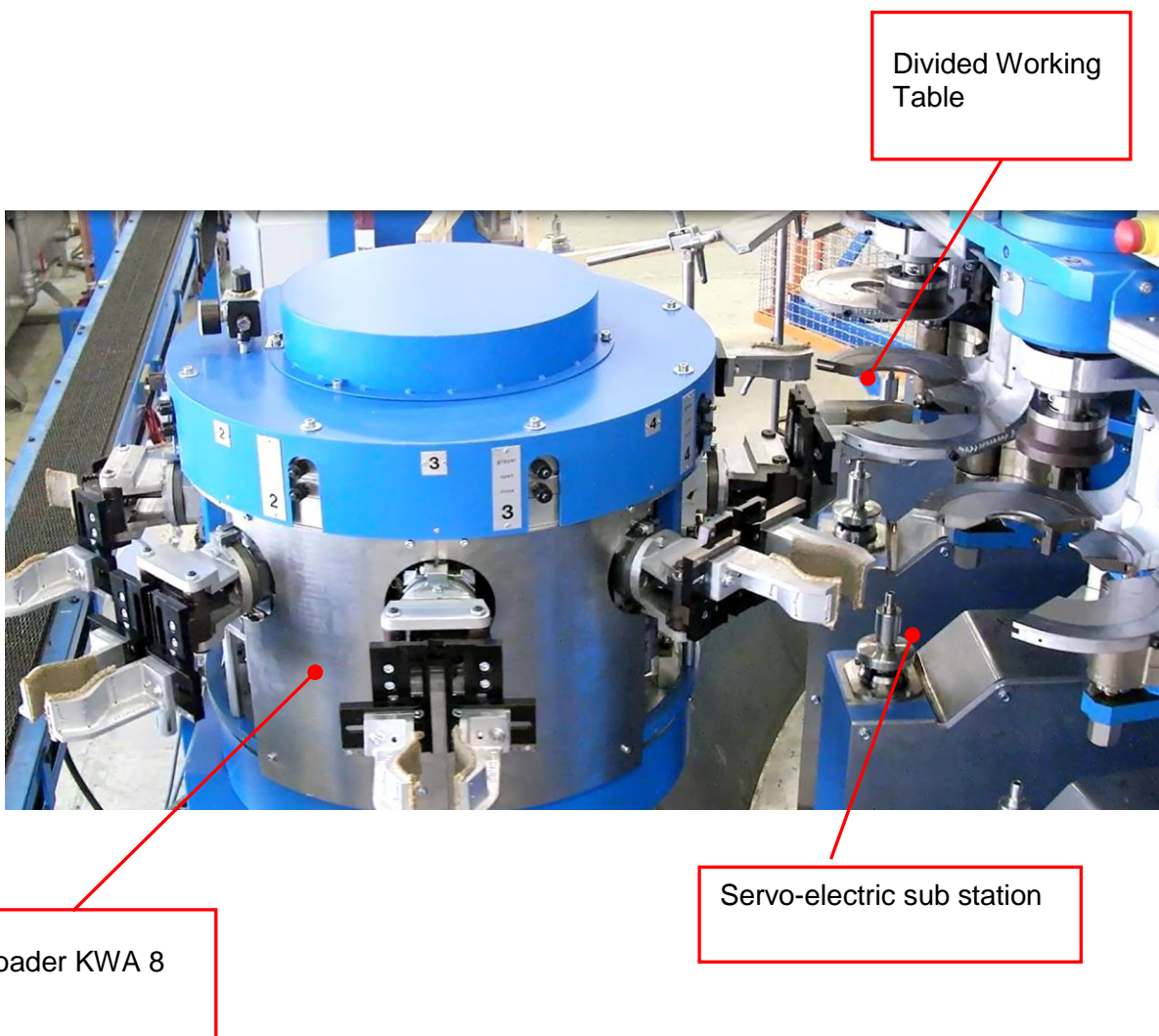
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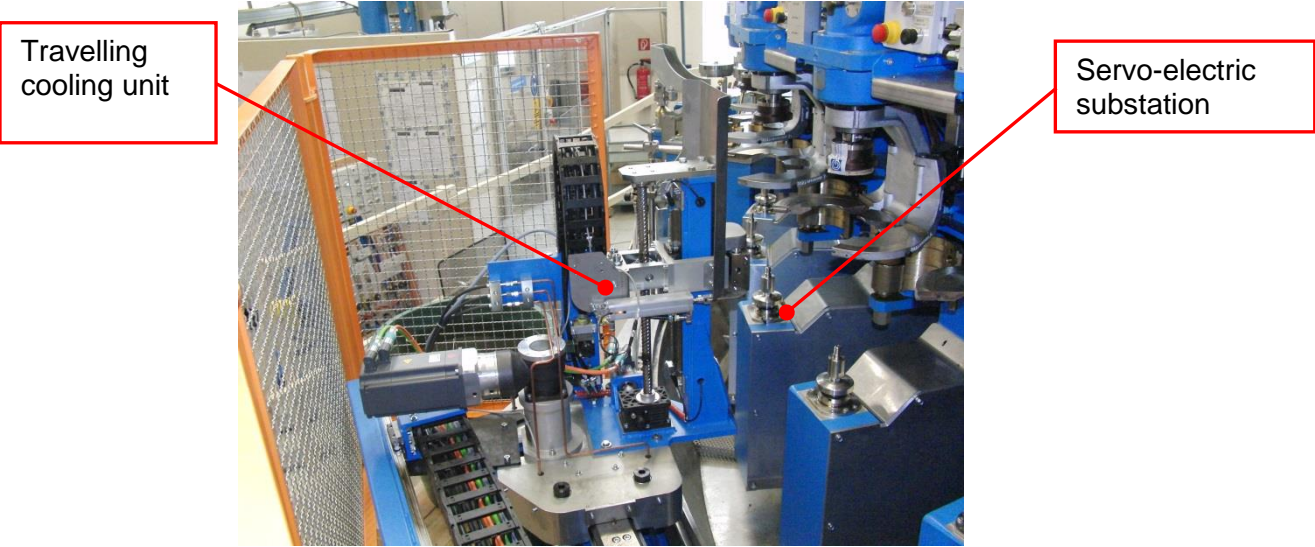
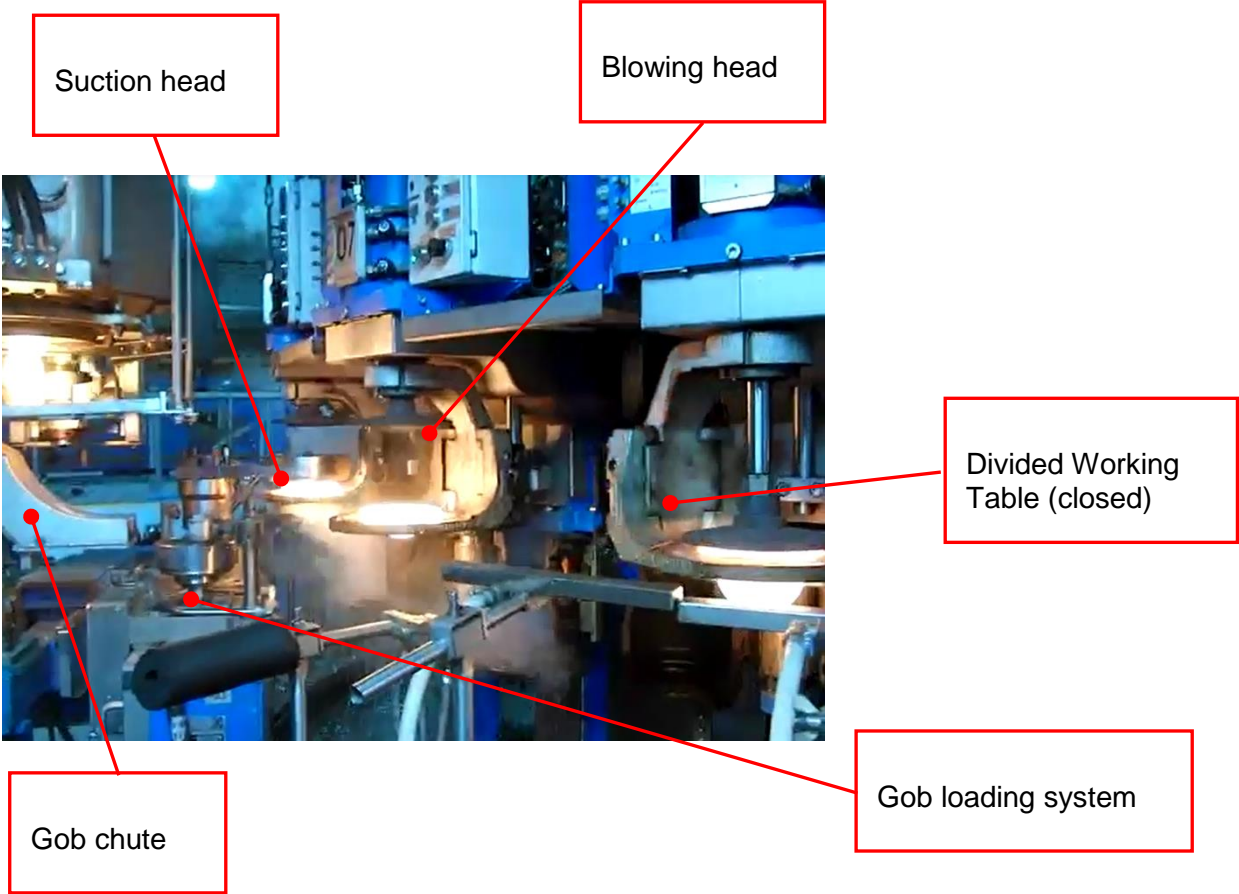
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- servo-electric sub stations
- travelling cooling unit
- unloader KWA-8 for removing the articles with moil
- synchronized control to other equipment

Options:

- usable for fix blown articles





Specifications:

Capacity:	pieces / minute	12 ... 55
Dimensions:	machine def.	30 standard stations
	article diameter	35 ... 130 mm
	relation smallest neck diameter to biggest body diameter	1 : 2.2
	article height with moil	max. 380 mm
	article height without moil	40 ... 320 mm
	Article wall thickness, close to rim	0.8 ... 2.5 mm
	bottom thickness	3,0 ... 20 mm
	gob weight	250 ... 700 g

Special equipment:**1. Divided working tables:**

In order to avoid breaking the glass article from the rest tablet, the divided working tables are integrated in the blowing machine type RBM 30. This allows the glass article to be removed with the rest tablet. The construction principle of the 3-divided working table makes allows better glass distribution and prevents attrition. There is no glass grit dirt inside the glass articles.

2. Electrical control

A powerful PLC system controls the machine. All drives and movements are automatically synchronized in real time to the actual machine speed by a fast link. The operator can adjust a lot of parameters to achieve a high and stable product quality. These parameters can be loaded (initialized) by predefined recipes or changed online without interrupting production process. The graphical oriented HMI (**H**uman **M**achine **I**nterface) makes operating easy and transparent. Ergonomically designed screen masks support analysis of machine state, editing of parameters and recipes, handling of errors and messages. The operator can activate/inactivate predefined functions for each station using the local operator panel nearby the blow head.

- 3. Blowing process:**
- | | |
|--------------------|---|
| Pre blow: | - Two different pressures (adjustable)
- Three adjustable sections
- Impulse rate max 4 / sec for blowing |
| Final blow: | - Two adjustable pressures
- Three adjustable sections
- Impulse rate max. 4 / sec for blowing process |

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