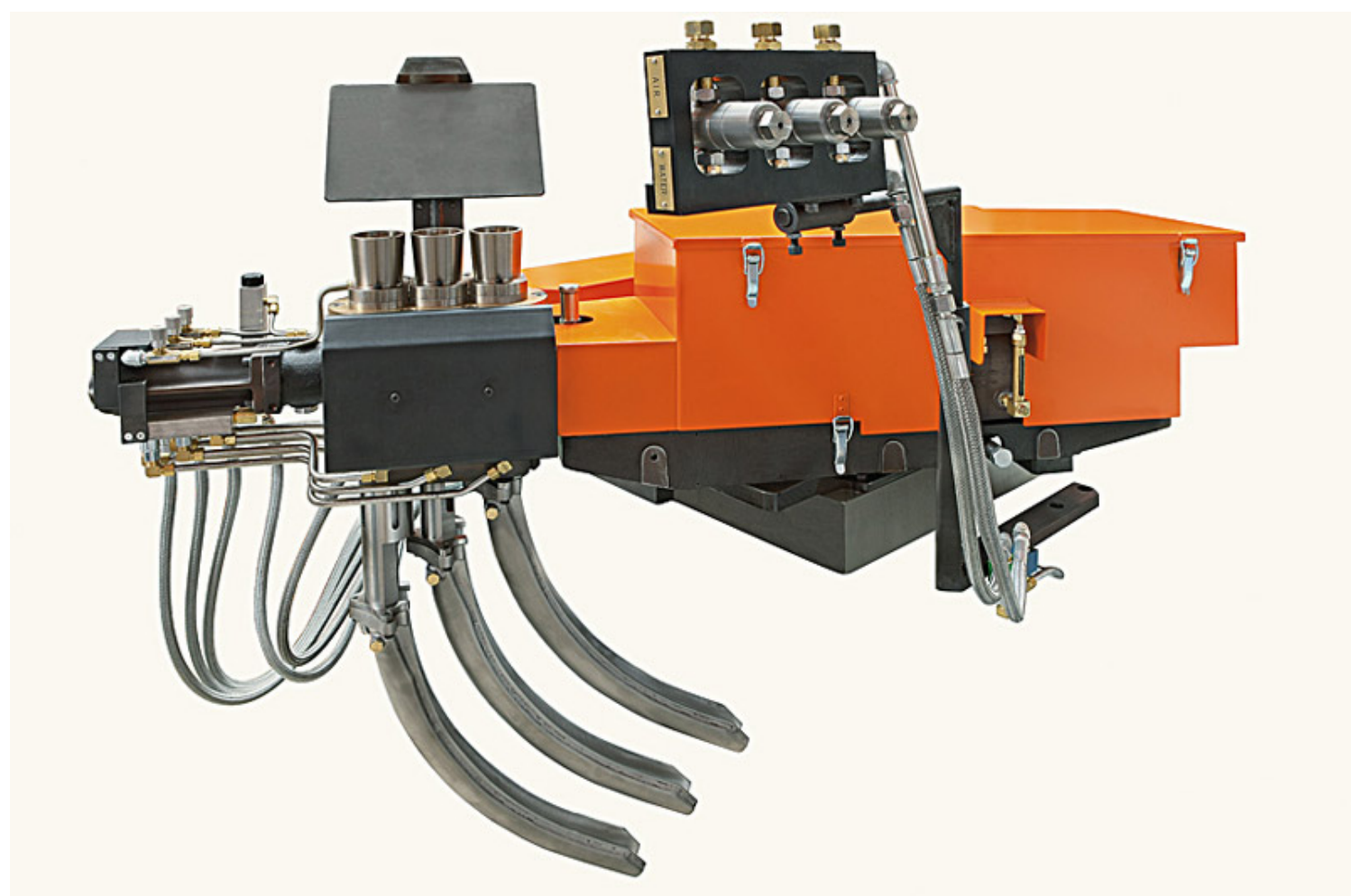


one system). In the COMBI version  
the two systems will be housed  
in the same cabinet.





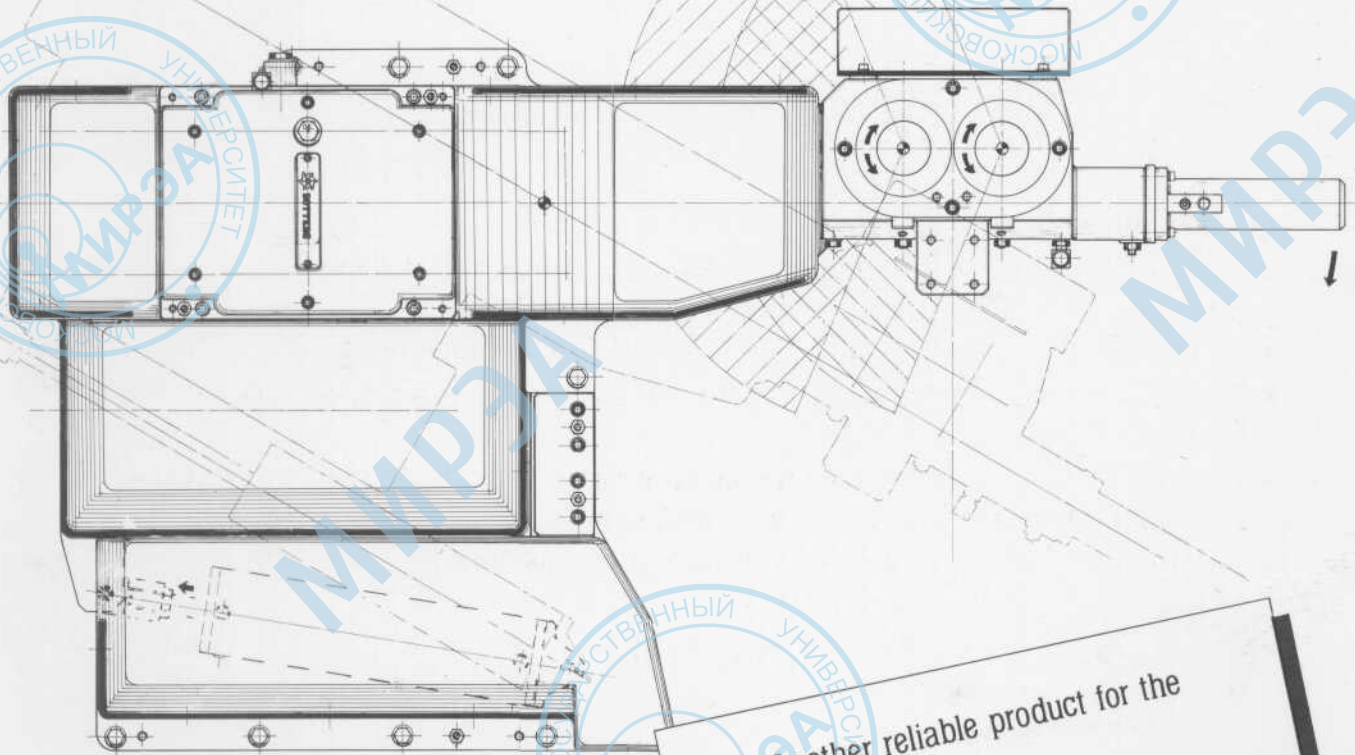
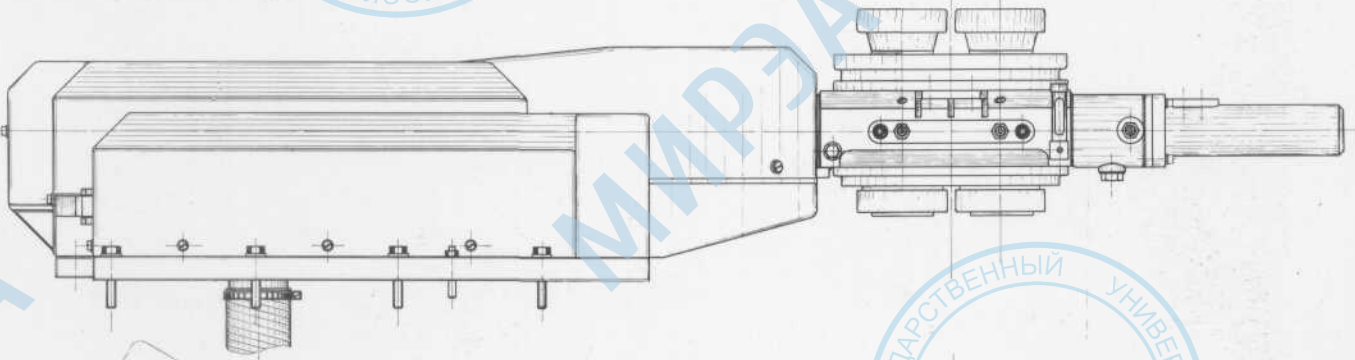


**BOTTERO**

ОТДЕЛ  
ПРОМЫШЛЕННЫХ  
КАТАЛОГОВ ВНИИ ГИМ

# Electronic Gob Distributor

06-0082-0 Умалыш  
666.1.03 ж.г. 1



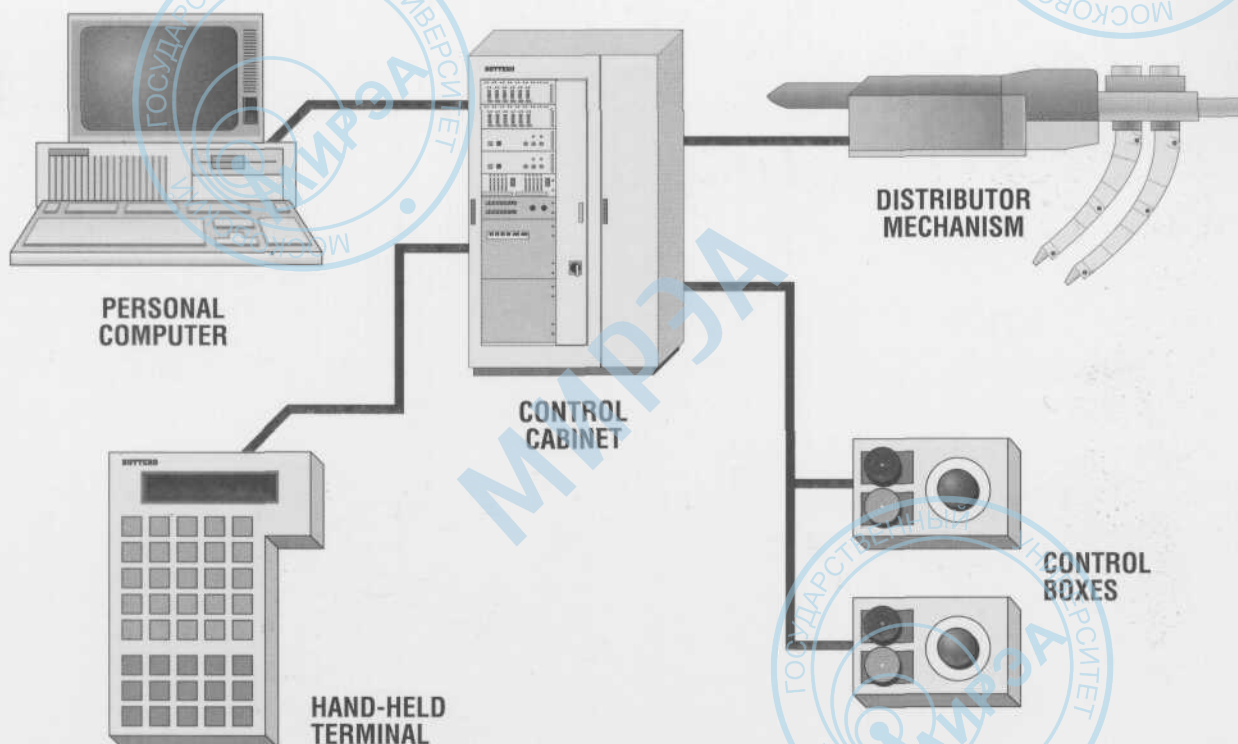
Another reliable product for the  
glass industry.

From  **BOTTERO**



# EGD

# Electronic Gob Distributor



## MECHANICAL FEATURES

- THE SMALL, LIGHTWEIGHT, AND COMPACT unit can be retro-fitted to any existing machine.  
The programme covers SG, DG 4-3/8" and 5"; TG 3" center distance.
- THE HIGH PRECISION SCREW and threaded bushing ( with preloading to eliminate backlash ) operating in oil bath.
- THE SCOOP HOLDER RACK and gears operate in oil bath. A smooth running rack on self-aligning ball bushing allows a zero setting backlash between rack and gears.
- THE EMERGENCY THROW OUT CYLINDER removes the gob distributor from under the feeder supply during a failure procedure.
- THE BRUSHLESS - DC MOTOR drives the mechanism and its position is continuously monitored by an encoder.

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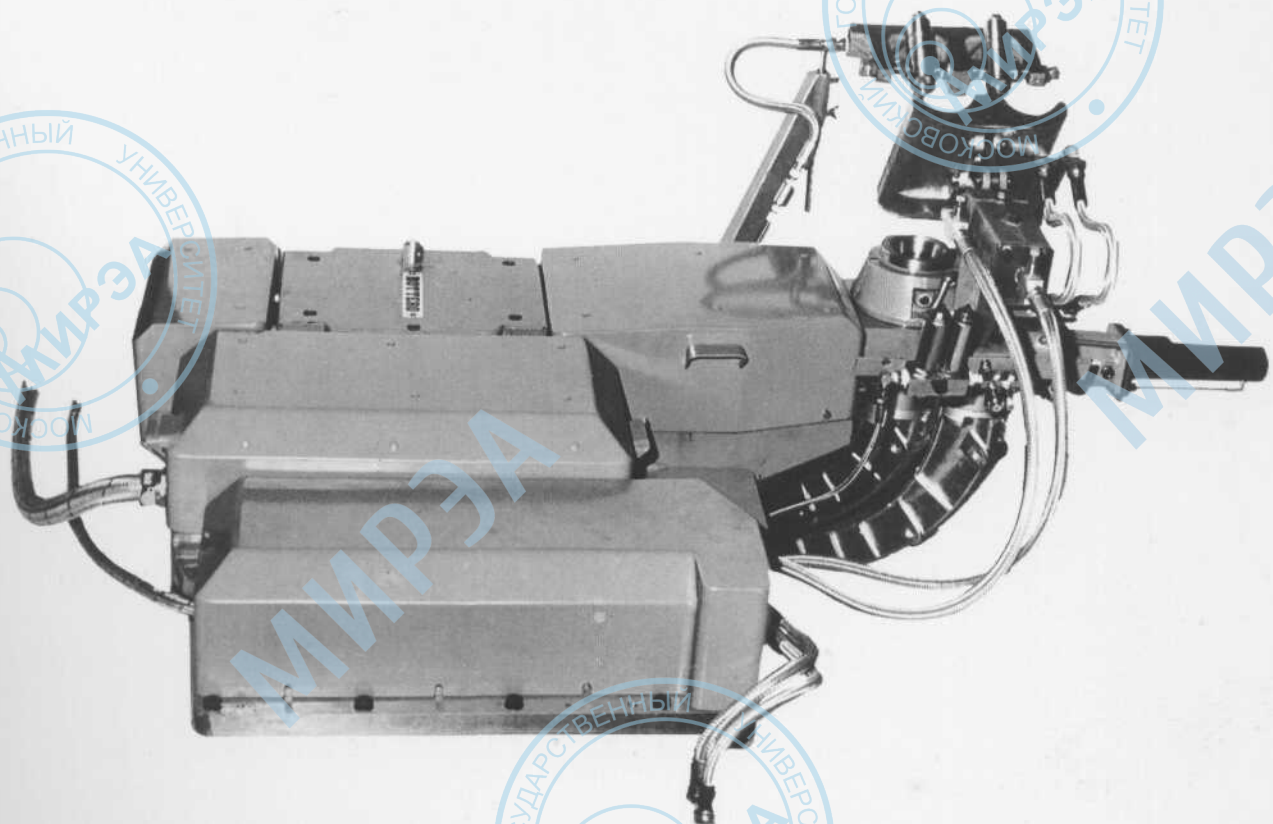
## ELECTRONIC FEATURES

- QUICK CHANGE board replacement system using completely modular design allowing up to 12 section to be controlled.
- FIRING ORDERS are easily selected. Parameters for different jobs are stored in a computer memory and can be changed by loading a floppy-disc or by changing parameter values at a computer terminal or hand held terminal.
- A RUGGED AND TIGHT hand held terminal allows on-board operator interface.
- DIAGNOSTIC SYSTEM is an integral part of the electronic board design. LED indicators provide continual information at the logic cabinet and a quick visual inspection leads to rapid fault finding.

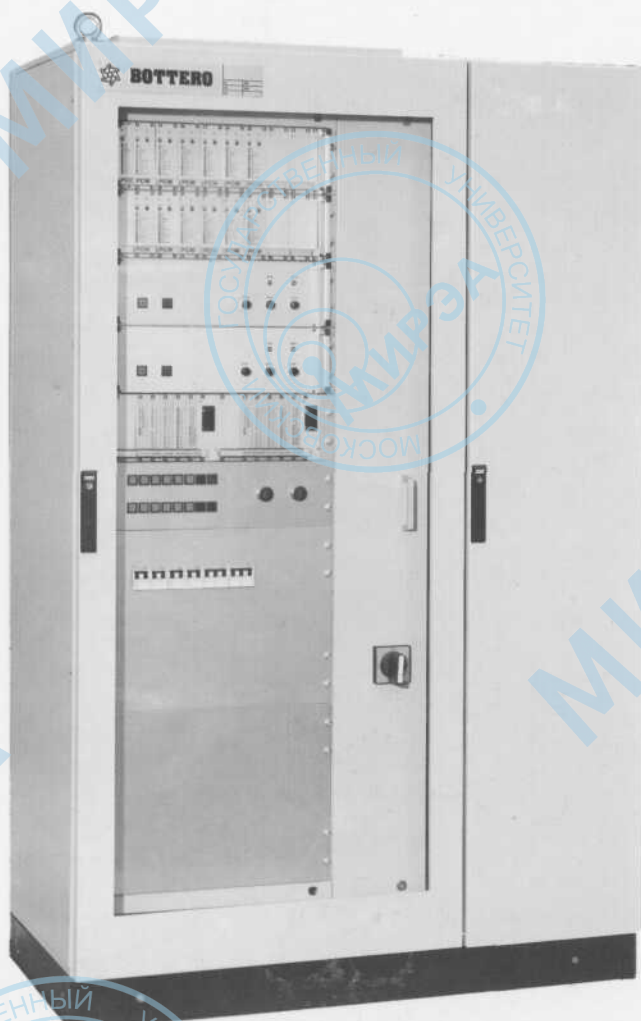
## SYNCHRONISATION

The Electronic Gob Distributor system can be synchronised with the machine by means of:

- A static encoder unit which receives a cycle pulse from a proximity pick-up mounted at the feeder shear mechanism.
- An electrical signal coming from the Timing system.
- An electrical signal coming from the Bottero Syndrive system.







THE BOTTERO CONTROL CABINET is positioned in a clean air conditioned room.

#### Technical features:

max number of sections	12
max speed	240 cuts/minute
max cables length	50 mt
Physical dimensions	1200x600x2000 mm
Required power supply	1 KVA

#### CONTROL AND SAFETY FUNCTIONS

- Center dump position safety feature.
- Safety switch for immediate motor stop.
- Automatic gob distributor swing out in case of compressed air or electric failure.
- Electric motor overload and temperature control.
- Photoelectric cell to detect belt position.

COMPACT CABINET INCORPORATING TWO SERVO-GOB DISTRIBUTOR AND TWELVE SECTION PUSHER CONTROL FOR TANDEM MACHINE.

#### STANDARD FUNCTIONS

- Programmable firing order.
- Fine positioning of the scoop delivery alignment with troughs.
- Dwell-time can be set during operation.
- Data storage and retrieval system.

#### SPECIAL FEATURES

- Automatic synchronization with gob by means of an infrared sensor.
- Serial link with line supervisor and/or Factory computer network system.



**BOTTERO**

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