



# COGEIM

## SHOT BLASTING MACHINES

- ➔ "IN LINE" for wire and bar 2 - 3 - 4 - 6 turbines
- ➔ Engineering for "continuous applications"
- ➔ Warranty of maximum efficiency and minimum maintenance

### SHOT BLASTING MACHINE TYPE SF 3x30 CG

- ➔ For wire 5-28 mm. dia. and suitable to be insert in a combined heavy-duty cold drawing line. Production speed until 200 m/min.
- ➔ The big turbines placed on this machine can be feeded by motor until 75 kW (for each turbine)

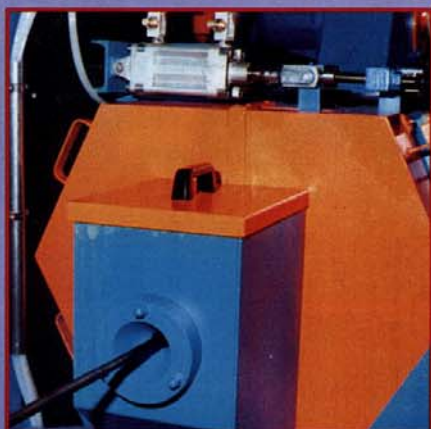
"COGEIM" is a producer of every kind of shot blasting machines and shot blasting plants (turbine and compressed air type also). Present on world - wide market from thirty years about, "COGEIM" has engineered and prepared a series of specific shot blasting machines for mechanical descaling of wire bar and rope (wire coil).

An advanced technology derived from the application and experience of own technicians, allows to obtain by COGEIM shot blasting machines:

- ➔ High efficiency generally speaking and more high efficiency on "IN LINE" machines especially where the exclusive "VENTURI SHAPE" of COGEIM concentra-

tion plates assure the perfect shot flow guiding (100% on wire surface) and in the same time its perfect escape, in order to avoid the shot accumulation and the "overblasting effect";

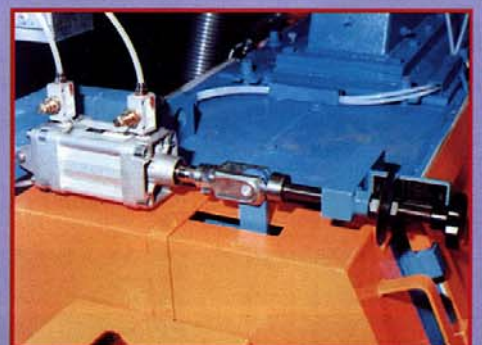
- ➔ Long operating life of inside parts working directly under the shot flow action. Those are made by special cast-alloy thermally treated. The shot blasting cabinet is completely lined by modular, changeable manganese plates. The head walls are made in two



Machine inlet

- ➔ Automatic introduction absolutely efficient by synchronized motion (air operated) of concentration plates in conjunction to wire presence.

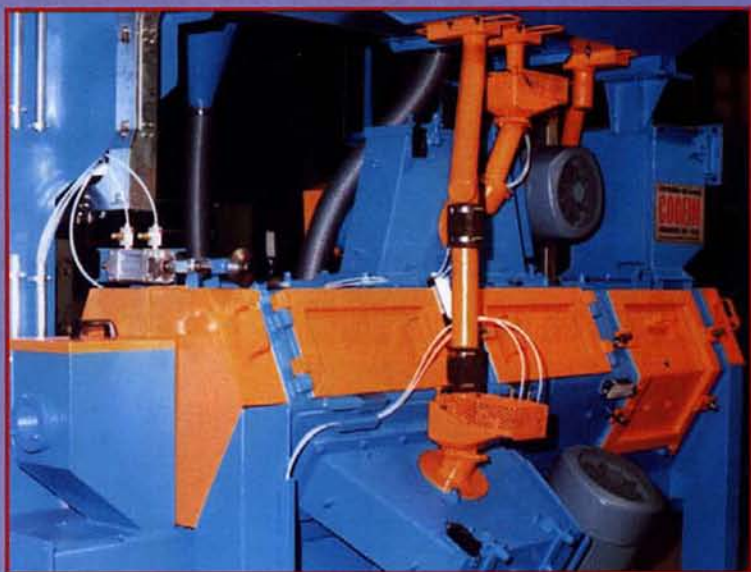
- ➔ Excellent shot reconditioning and air washing in closed cycle by sophisticated suction and dust collection system;



Detail of concentration plates regulation system



- External blasting cabinet completely free and arranged with inspection doors in every point in order to allow an easy maintenance.



- What above explained
- The plants building under "CE" rules
- A good internal quality control

assurent maximum efficiency of "COGEIM" machines. A prompt customers and maintenance service is always at disposal trough eventual programmed maintenance contracts also.



Detail of bottom turbine mounted on hinged rotating frame in order to do an easy maintenance

"COGEIM" supply a complete series of shot blasting machines for dry mechanical descaling:

- Machines "IN LINE" from COIL - to BAR, 2 - 6 turbines for material low and medium CARBON, ALLOY STEELS, STAINLESS STEELS;
- Machines "IN LINE" from COIL to COIL for bright wire productions, for very low roughness required also, 3 - 4 turbines (low and medium CARBON, ALLOY STEELS, STAINLESS STEELS);
- Machines "IN LINE" from BAR to BAR medium, high CARBON, ALLOY STEELS, STAINLESS STEELS, 3 - 4 - 6 turbines;
- Machines "OUT LINE" multi-strand bars, 4 - 8 turbines;
- Machines for wire "IN COIL" for 5-28 mm. dia. wire, low and medium CARBON, ALLOY STEELS, STAINLESS STEELS. Double rotating arm with length until 6 metres, 3 ton capacity, 10 installed turbines. Exclusive arrangement "WITHOUT PIT" turbines alligned and positioned close and parallel to rotating arm axis.

**IMPORTANT:** The COGEIM shot blasting machines can satisfy very high productivity also. Their turbines can accept motors until 75 kW of power.

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Abrasive gate arranged with remote control

COSTRUZIONI MECCANICHE

**COGEIM**

SRL

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Contact information update:

We have begun the long arduous process of moving our office.  
Please continue to direct mail to:

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All phone contact to:  
423.289.6894

All other email and website information remains the same. You can contact us at any of the existing web addresses. Email is received remotely and responded to more quickly and efficiently than a phone message. If you call the office, please leave a thorough message INCLUDING your email address so that we can send you the required information as soon as possible.

Thank You.