

SALE CONTRACT No. 218 DATE 01/30/2007
No. 1 AUTOMATIC BAGGING MACHINE
MODEL IM 130
FOR METAL PROFILES

DECORAL® PROCESS

AUTOMATIC BAGGING MACHINE MODEL IM 130

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1. TECHNICAL DESCRIPTION

The machine is engineered to automatically wrap metal profiles with a plastic film. This machine includes an inlet belt, on top of which the profiles, after been loaded, are driven towards the folding and welding area. The ultrasound system welds the wrapped film on its longitudinal edges. The plastic film rolls are inserted on a motorized shaft self-centered equipped with a braking system. The film replacement is made in few seconds and the rolls can have variable size: from 8.66 in up to 27.55 in. In such way it is possible to reduce the material wastage when different profile dimensions are used. At the end the film is automatically cut by a blade in the cutting station located at the beginning of the outlet belt.

Upon request the machine can be equipped with a loading and/or unloading conveyor belt to move the profiles inside and /or outside the bagging machine.

2. DOCUMENTATION

With the machine are included:

- Operating and maintenance manual of the machine including the components list.
- Electrical drawings with components list.
- Spare parts box and maintenance tools.

3. SUPPLY DESCRIPTION

- No. 1 (one) Inlet belt 25.44 ft long
- No. 1 (one) Tunnel self centered and full adjustable for the plastic film. It is engineered to wrap profiles having different dimension with adjustable film width and length.
- No. 1 (one) system for self-centering the film roll.
- No. 1 (one) ultrasound sealing station.
- No. 1 (one) transverse cutting station.
- No. 1 (one) Outlet belt 24.88 ft long
- No. 1 (one) Main electrical panel equipped with PLC **Siemens**, easy to be opened and inspected by the operator.
- No. 1 (one) Electronic display where to read operating information and eventual anomalies.
- No. 1 (one) Electric system to adjust the welding group.

4. GENERAL DATA

Material to be processed:	Aluminum and steel profiles
Length of the profiles:	Adjustable up to 24.60 ft
Width film spool:	min. 8.66 in - max 27.55 in
Production capacity:	59 ft/min.
Electric Power installed:	7 KW with neutral and ground.
Loading system:	(upon customer needs)
	1) Right in/Left-out (straight type) or
	2) Left-in/Right-out (reverse type)

5. WORKING CYCLE SEQUENCE

The operator loads the profile on top of the inlet belt. A photocell located before the tunnel, senses the presence of the incoming profile, sending a signal to the PLC to start the sequence. After, the profile enters in the bagging machine, it is wrapped with plastic film and when it exits from the machine, the film is automatically cut. The bagging machine works continuously and the operator has to leave a minimum space between each profile on the inlet belt. The profile is running at 18 meters/min inside the machine. The ultrasound station is installed in a fixed position in the bagging machine and is able to weld the film that wraps the profile. Since the profiles can have several width dimensions, the welding station has an adjustable height. After the bagging operation the profiles are unloaded by the unloading conveyor belts (Optional) for their exit from the machine.

6. ASSEMBLING AND FINAL TEST

It is included the supervision of one engineer from Seller for a period of 2 (two) days at Buyer's facilities, where the machine assembly and the start-up will be performed. Board and lodging expenses are at Buyer's charge. Travel expenses and salary are at Seller's expenses.

7. PRICE

- **No. 1 (one)** Automatic bagging machine for profiles model IM 130 as per **SUPPLY DESCRIPTION** point 3.
- **ASSEMBLING AND FINAL TEST** point 6.

TOTAL PRICE

see Annex A

8. TERMS OF SALE

Payment: see Annex A
Delivery: see Annex A
Place of delivery: see Annex A.
Packaging: included, according to our standard.

All the goods are of Italian origin

9. REGULATIONS

The plant indicated in the present offer is built in compliance with the UL regulations.

10. WARRANTY

The warranty extends for 12 months from the installation and running of the plant and not further 18 months from delivery, for all the construction defects of the mechanical components and for the oil dynamic commercial components.

Warranty for electronic components extends for 6 months from the installation of the plant.

During the warranty time, the substitution of every component will be free (except the travel, board and lodging expenses), only if the defects are not imputable to lack of skill, negligence or bad conduction of the plant.

Excluded from the warranty are:

- Damage caused by the nature calamity or fire
- Costs of machine stops during the repairs under warranty
- All other damage that does not depend on the normal equipment use

11. EXCLUSIONS

This supply does not include the following

- Customs clearance and insurance costs
- Travel tickets during your training
- Civil structures
- Foundation frame and bolt
- Electrical power, compressed air and connections from the main switch to the plant.
- Consumption of material during the erection and commissioning
- Power factory improvement plants
- Banks and containers for moving production materials
- All other items not specified in this offer