

**OBSA MTC INDUSTRIE SRL**

Factory:  
Via Milano,51A  
I-23899 Robbiate (Lecco) -ITALY-  
Tel.+39(0)39/9515138-9281117-514088-9517869  
Fax +39(0)39/512820  
Website: [www.obsa-mtc.it](http://www.obsa-mtc.it) Email: [info@obsa-mtc.it](mailto:info@obsa-mtc.it)

Registered Office:  
Piazza Manzoni,11  
I-23848 Oggiono (Lecco) -ITALY-  
VAT/Tax Number 03472450133  
Registration Number 317717  
HS CODE 84794000

## **SPECIAL VERSION SIMPLE AND CHEAPER**

### **MOTORIZED TAKE UP AVM2x1250**

This special version for take-up AVM2x1250 is based on very simple and cheaper machine that is suitable for small production lines where the winding group is not most important part of the equipments.

It is suitable for housing of reels with diameters 630/800/1000/1250 mm.

The machine consists of a base and a body which houses the reel separated into two independent stations and one electronic traversing unit.

The frame is entirely composed of high-strength aluminum sheets completely anodized in natural color, with a homogeneous matt surface, resistant to scratches and corrosion in a lasting way, capable of absorbing vibrations.

The machine is frontally open to facilitating any type of operation.

The profiles are held together by sliding dowels for fixing the screws and dynamic connection sets that ensure a very high resistance to pressure.

All components are easily removable and completely recyclable as they are made of aluminum.

The movements of the reels lifting into each station are performed by a hydraulic cylinder operated by a manual pump.

The motorization is adequate and ensures perfect motion transmission without loss of power.

Two pneumatic emergency brakes drives and stop the reel in case of problem.

The machine is completed with an electrical panel and two separate push-button panels.

One electronic traversing unit by a motor with precise winding.

The traversing cable guide system is electronic by a motor with precise winding.

The cable is guided to placement via a series of pulleys and rollers made in black lightweight alloy material.

#### **“DANCER”**

In high speed operation, a dancer accumulator is recommended to obtain the best possible adjustment / tensioning of the cable.

This dancer is composed from lightweight plastic pulleys made in black ertalon material, the tension on the cable is given through a pneumatic cylinder and regulated through manometer.

Limit switches set the movement of the pulleys.

This dancer is designed especially for this take-up and it is assembled on the machine.

#### **OPERATIONS FOR MANUAL LOADING AND UNLOADING FULL / EMPTY REEL**

- Turn the black lever counterclockwise
- Extract the pintle and the driving hook
- Insert the reel up to the stop against the shaft
- Insert the pintle and the driving hook centering the dog pin placed on the pintle in the shaft seat
- Turn the black lever clockwise to lock the pintle and consequently the reel.
- To use the manual pump for the movements of the reels lifting.
- To use the two special sliding carriages to insert the empty reel and extract the full one



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**ADVANTAGES OF THIS MACHINE:**

- cheap and practical machine
- small dimension: 3060x1080 h 1600 mm
- two independents work stations
- very easy operations for loading, unloading and extraction of the reels
- frame composed from completely recyclable materials
- easy to understand control buttons
- in compliance with the machinery directives 2006/42
- very precise winding by one electronic traversing cable guide system



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**Rewinding Line**

Can be used in these Rewinding Lines:

- for copper or aluminum strand with Ø until to 20mm
- for iron strand with Ø until to 10mm
- for insulated cables with Ø until to 20mm
- for PVC and M1 tube with Ø until to 15mm

Line Speed from 0 to 300 mt/min

