

**OBSA MTC INDUSTRIE SRL**

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MOTORIZED PAY-OFF TYPE SVM630

MOTORIZED TAKE UP TYPE AVM630

This pay-off SVM630 and take up AVM630 is particularly well designed for reels with diameter DIN 400-600-630 mm.

The machine consists of a base and a body which houses the reel.

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 are performed by a hydraulic cylinder operated by a manual pump.

The reel motion is carried out by reel holder shaft with driving hook, it is directly driven by an electric motor.

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

A pneumatic emergency brake drives and stop the reel in case of problem.

Platform for manual extraction of the full reel.

The small electrical panel is mounted on board the machine and it is composed of an inverter; a PLC; appropriate electrical equipment; a push button, a digital display for viewing the quantity produced and the production speed.

“DANCER” for pay-off

In high speed operation (IF REQUIRED), 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 pay-off model and it is assembled on the machine.

TAKE-UP VERSION

The take-up version is same to the pay-off with the addition of an electronic traversing unit by a motor with precise winding.

This traversing cable guide system can be mechanical or electronic by a motor with precise winding.

In both versions, the traversing unit is configured to synchronize the stratification speed with the coiling speed.

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



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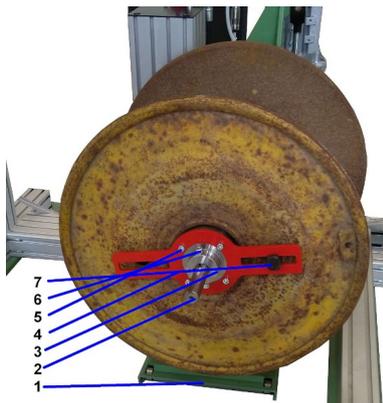
OPERATIONS FOR MANUAL LOADING AND UNLOADING FULL / EMPTY REEL

EMPTY REEL LOADING:

1. use the green platform to place the empty reel
2. use the manual hydraulic pump to lower the height of the reel holder shaft as much as possible
3. place the empty reel into the shaft, bring it to the end of the shaft and then place it into the fixed conical pintles
4. place the movable conical pintles into the reel
5. screw the red plate driving hook by the four screws M10x30
6. screw the two screws M10x20 to block the movable pintles and the reel holder shaft
7. screw the driving hook to block the reel at the red plate driving hook
8. use the manual pump to adjust the lifting movements of the reel
9. NOW the reel is ready to work

FULL REEL UNLOADING:

1. use the manual pump to lower the full reel as much as possible, and check that the reel place on the green platform
2. unscrew the two screws M10x30 that block the movable pintles on the reel holder shaft
3. unscrew the screw M16x120 or driving hook that block the reel on the red plate driving hook.
4. extract the red plate driving hook and the movable conical pintle by unscrewing the screws M10x20
5. unhook the full reel from the fixed conical pintle
6. extract the reel by a manual movement letting it slide on the green platform until to end of the reel holder shaft



- 1- green platform
- 2- reel holder shaft
- 3- movable pintle
- 4- red plate driving hook
- 5- screw M10x30
- 6- screw M10x20
- 7- screw M16x120 or driving hook

Technical Detail

Reel diameter	400-600-630mm
Reel diameter hole	30-40-60-127mm
Reel weight max	500kg
Reel Overall Width	300-475mm
Machine dimensions:	
Lenght (mm)	2300mm +/-
Width (mm)	1100mm +/-
Height (mm)	940mm +/-



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