



**HÜTTNER  
MASCHINEN**  
Hüttner Maschinenfabrik GmbH

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**DNV**  
Certified  
Company

## **Static coiler ( barrel coiler ), type A - 1050 TS**



**designed for the inline operation with a conductor line.**

Material to be coiled: insulated conductors, massive,  
multi-wire, flexible

## **STATIC COILER ( barrel coiler ), type A - 1050 TS**

designed for the inline operation with a conductor line

### Integrated in the static coiler:

- Complete drive control and sequencing control for the barrel change and for all the functions in case of line operation.
- Completely installed driving motors, ready for operation, of all the functional units incl. command unit.
- Electrical length counting device with pulse transmitter and control pulse for automatic reset.
- Driven roller conveyor and pneumatic barrel locking and barrel positioning unit for the operation with 3 barrels:
  - 1 barrel before the coiler
  - 1 barrel in the coiler
  - 1 barrel behind the coiler
- Wire accumulation, to be actuated pneumatically, for the continuous operation with activation from the counting device
- Lowering device, to be actuated hydraulically, in dependence on the filling level
- Special rosette-laying device by means of the displacing device of the coiling disc over the barrel.
- The cable-laying step of the rosette-laying device can be regulated infinitely by means of a frequency-controlled three-phase geared motor.

### **Design of the machine:**

- Wire conductor cross section : 1,5 mm<sup>2</sup> - 16.0 mm<sup>2</sup>
- Coiling speed : 300 - 1.800 m/min
- Coiling disc : diameter 1050 mm, hard-chrome plated surface, the wire conductor will be fixed to the coiling disc with pressing-on fingers and pressed into the barrel - without deflection wedge, without belt
  
- Type of drive : three-phase motor with forced ventilator
- Drive control : by means of frequency converter
- Driving power : approx. 36 kW
- Barrel tank with lowering plate : according to DIN 46 396
  
- Inside diameter : 800 mm
- Outside diameter : 1250 mm
- Filling height : 1800 mm



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