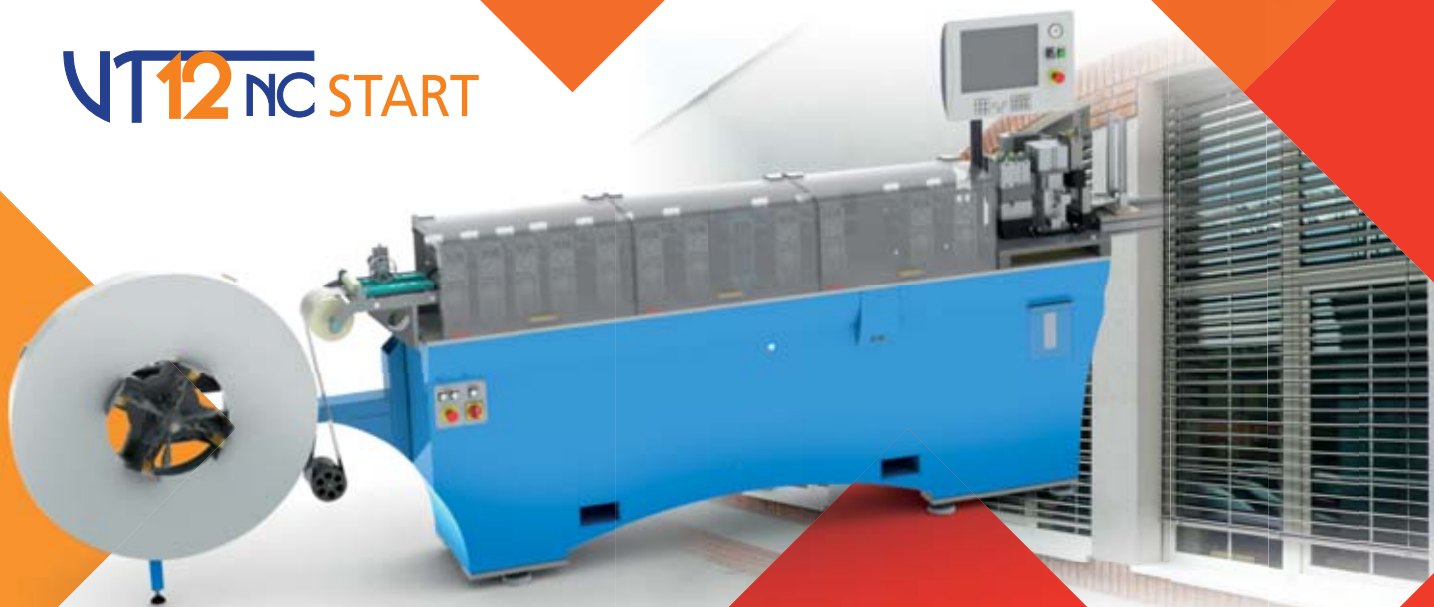




We start your innovation

**MACHINES FOR
MANUFACTURING
EXTERIOR
BLINDS**

VT12 NC START



www.zebr.cz

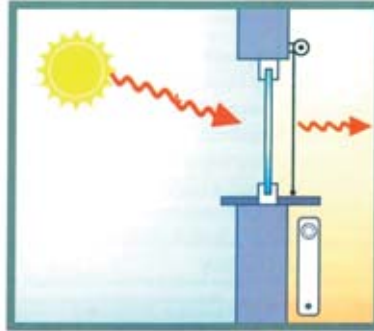
Exterior blinds

Used to screen the glazed parts of buildings. Exterior blinds are becoming a highly popular accessory and are being used more and more to provide shade in administrative complexes, representative buildings and family houses.

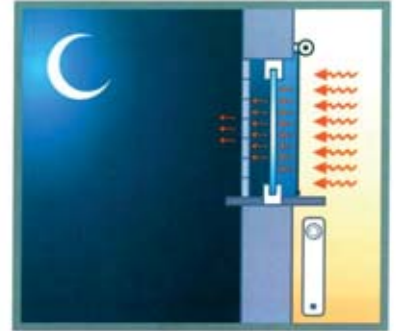
MAIN ADVANTAGES

- effective protection against sunlight
- prevent interiors from overheating
- passive cooling
- slats can be angled
- regulate interior lighting
- save on heating costs
- save on air-conditioning costs
- long-lasting
- block noise from outside
- protect privacy
- increase building security
- easy to control
- available in various colours
- a modern accessory for any building

How they work in winter

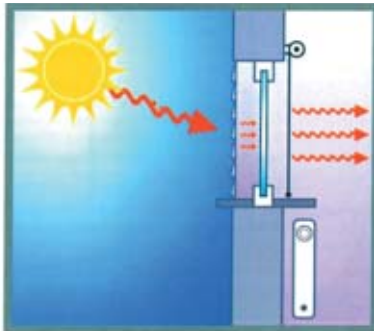


The heat from the sun enters the room during the day. Solar energy heats the building free of charge.

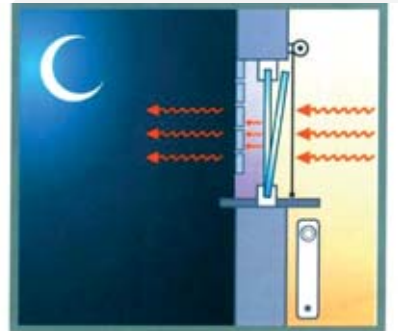


At night the blinds serve as heat insulation. The blinds retain heat in the building.

How they work in summer



During the day the blinds prevent the room from heating up. The solar energy remains outside and rooms stay pleasantly cool – even with no air conditioning.



At night the cold air can be used for air conditioning. The blinds enable you to leave the window open for ventilation at night.



EXTERIOR
BLINDS

Technical description of machine

A single-purpose rolling line for the production of one horizontal exterior blinds – type “C”. The rolling line can process sheet aluminium up to a thickness of 0.5 mm.

The VT 12 START model is designed as an affordable alternative for start-up or small manufacturers. However, the low purchase price does not detract from the quality of the finished product in any way. In this configuration the machine is set up for profiles and components supplied by ZEBR.

VT START profile Z

Operations performed when producing “Z” profile:

- cutting out holes for texband
- punching hole for pin on side guide
- cutting profile to required length
- shooting
- Rolling-in of the sealing rubber



Final product from VT START Z machine



Machine characteristics:

- welded machine frame
- set of rolling wheels
- control system with 10” touch-screen panel
- easy to set dimensions of slats to be produced
- easy to set rolling speed
- pneumatic tool for punching holes for TEXBAND
- automatic shooting of fixing hooks
- rolling rubber seal
- pneumatic dividing tool
- integrated unrolling device
- machine productivity: 3 x 2 m slats, 3 holes for texband per minute
- Guide pins
 - metal guide pins can be inserted manually
 - HNK machine can be used for riveting (surcharge + EUR)

HNK riveting machine



Components supplied by ZEBR



Note

Price includes: Machine packing + insurance

Price does not include: accommodation for two technicians / two nights
Installation of machine + operator training
Air tickets / transport to site for technicians

Incoterms: EXW Milovice, 2010

VT START profile C

Operations performed when producing "C" profile:

- cutting out holes for texband
- punching hole for pin on side guide
- cutting profile to required length
- cord



Final product from VT START C machine



Machine characteristics:

- welded machine frame
- set of rolling wheels
- stacking table with fixed stacking stands
- control system with 10" touch-screen panel
- easy to set dimensions of slats to be produced
- easy to set rolling speed
- pneumatic tool for punching holes for TEXBAND
- pneumatic cutting tool
- integrated unrolling device
- machine productivity: 3 x 2 m slats, 3 holes for texband per minute
- Guide pins
 - metal guide pins can be inserted manually
 - HNK machine can be used for riveting (surcharge + EUR)

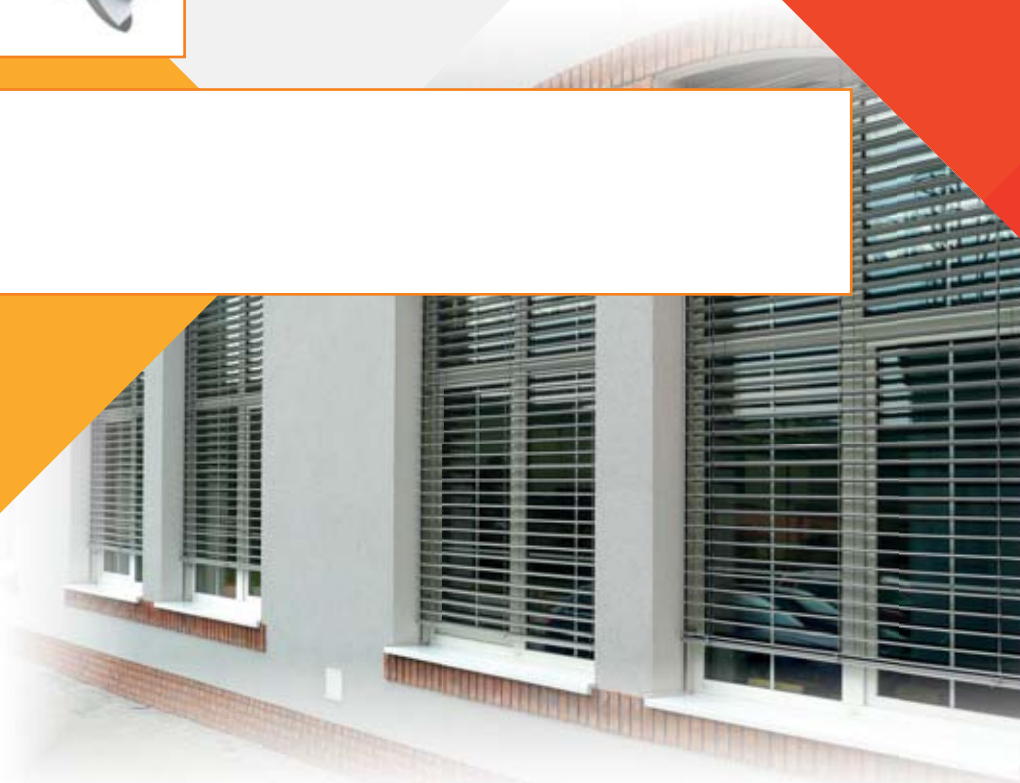
HNK riveting machine



Components supplied by ZEBR



Note



Components



Solid metal cord clamp – made of stainless steel, greatly increases lifetime of outdoor blinds

Plastic pin in slat – made of high-strength durable plastic and is not riveted to the slat, so can be replaced if needed

Rounded hole for textile strip – when blinds are drawn prevents damage to strip, meaning it lasts longer

Recessed guide bar – guide bars concealed in the facade give the building a clean and uniform look

Upper channel - galvanized

Upper channel - aluminium

Rounded hole for guide cord – helps prevent damage to the cord. The stainless-steel plastic-coated guide cord increases the lifetime and durability of the blinds. The cord is kept taut by a spring and adjusting screw. (Available in transparent or black plastic)

Cord bracket with tensioning screw

Contacts

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