Carton and Appliance Clamps
Experience the new way to handle your white goods!

The Bolzoni Auramo carton clamps are extensively used for the handling of “white goods”, in both factories and warehouses, such as washing machines, refrigerators, microwave ovens, televisions and for the handling of other types of materials packed in cartons. Thanks to the palletless handling, the carton clamp allows the optimization of warehouse storage space and reduction of the costs for packaging materials.

Visibility, productivity, safety with the new Carton Clamp:

KS-C

The new KS-C model Bolzoni Auramo carton and appliance clamps incorporate new technical features able to guarantee safe and efficient handling together with easy installation and longer lifetime:

- Very rigid frame structure with single piece double “T” profile. Wide visibility window thanks to new chassis design, granting safe and easy handling operations.
- Large surface aluminium pads to reduce the total weight of the clamp and to maximize the residual capacity of the lift truck.
- Special high-friction vulcanized rubber lining increases positive grip allowing safe and damage-free handling.
- Interchangeable left-right pads for more even rubber wear.
- Thin arm profiles and new design elbow supports allow easy knifing between loads.
- Pad supports with robust design and varying height for an optimized distribution of the clamping force.
- New fixing system of the sliding pads to relief stress.
- New self-aligning cylinder fixing to avoid breakage.
- Integral sideshift.
- Flow divider.
In the white goods industry, the handling problems caused by the use of incorrect clamping force create a serious risk of damaging products. Insufficient pressure results in the product being dropped while too much pressure could crush it. Bolzoni Auramo integrates all the technical features of the standard carton clamp with the most advanced technology in hydraulics, electronics, and for controlling clamping force. We offer our innovative solution to damage-free handling with correct clamping force: the intelligent carton and appliance clamp i-MOVE model. The system is based on the detection, by means of laser and ultrasonic sensors, of the type and the configuration of the load. Through the elaboration of the resulting values, the control unit commands a proportional valve that defines the correct hydraulic pressure in the clamping cylinders and therefore the clamping force necessary for the specific case. This sequence takes place instantaneously. Even if operating in the same way as any traditional carton clamp, where the lift truck operator has full control on the arm opening and closing, the i-MOVE intelligent carton clamp selects the correct clamping force as soon as the lift truck driver has approached the load, making his job easier!

The intelligent solution to damage-free handling of white goods: **i-MOVE**

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BOLZONI S.p.A.

Block valve with 2 pressure relief valve, factory pre-setting.

Notes:
- Two hydraulic functions.
- E= arm thickness, including rubber.
- T= arm thickness at the arm base, including rubber, 100 mm for all models.
- Block valve with 2 pressure relief valve, factory pre-setting.
- Integral sideshift.

Options:
- Special opening ranges.
- Other arm dimensions.
- Double oscillating arm pad, model KS-DP, for each side
- Quick disconnect lower hook.
- Removable side load stabilizers.
- Separate sideshift.

Models KS-C (Sideshifting)