



## TECHNICAL SPECIFICATIONS

<b>Capacity</b>	Up to 60,000 boxes / hour
<b>Attendants</b>	1 person for 2-3 machines
<b>Max. box size</b>	60x35x17 mm (LxWxH)
<b>Min. box size</b>	40x30x8.5 mm (LxWxH)
<b>Reel diameter</b>	1,000 mm (max.)
<b>Core diameter</b>	150 mm
<b>Power required total</b>	3.6 kW
<b>Air pressure</b>	0.6 MPa
<b>Air consumption</b>	0.3 m <sup>3</sup> free air/hour
<b>Net weight</b>	1,600 kg
<b>Gross weight</b>	1,900 kg
<b>Shipping volume</b>	7.1 m <sup>3</sup>

# Arenco-JUL2 Inner Box Machine

## DESCRIPTION OF FEATURES

This is a high speed machine producing inner boxes of cardboard from a reel. The machine is thoroughly encased, but yet easily accessible for service. The reel stand situated outside the machine is designed for an easy attendance without any manual lifting of the reels.

To facilitate the maintenance the machine is provided with a central lubrication system and to eliminate the heavy noise it is covered internally with sound protection material.

The cardboard web is led in between creasing rollers, which also serve as a feeding device for the cardboard web. After the creasing operation, the rollers feed the cardboard through tools which punch and cut off the web. The tools for punching and cutting-off are mounted in a holder, which by an eccentric motion gives the tools the same speed as the cardboard web at the punching. The cut-off blank is transported by a chain to a form wheel which forms the long sides. Then the blank passes glue rollers which apply glue on the outer and inner flaps. During the continued travel of the blank in the form wheel, the end folding is performed by means of folding rails. The final folding of the ends of the box is made when the blank is pushed out from the form wheel into a cup chain. Thereafter, the ends are clamped by presser discs so that glue sticks firmly.

The finished box is pushed off from the cups into a channel for further transportation by means of a pneumatic conveyor or a belt conveyor. In the transport channel there are two photocells for scanning of unglued boxes, which gives an impulse to a valve for blowing away a defective box.

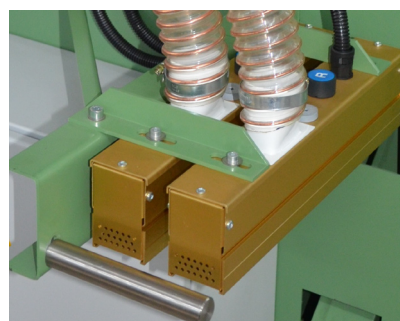
To avoid accidents the machine can be run only if doors and protections are closed.

### Standard equipment

- Creasing tool with O-ring feed of cardboard web.
- Support for grooved roller.
- Divided gear wheel at grooved roller.
- Glue application (adjustable from the outside).
- Box counter / speedometer.
- Flap detector.
- Speed variator.
- Divisible folding bow.

### Option

- IR Heating of cardboard before creasing and cutting.



**Spare part orders and service, new machine inquiries, mechanical repairs and preventive maintenance,** contact us at [info@arenco.com](mailto:info@arenco.com) or call +46 480 945 00

