



ARENCO CREASING & FRICTIONING MACHINE SAJ



TECHNICAL SPECIFICATIONS

Capacity	up to 60,000 - 80,000 skillets / hour
Attendants	1
Product size	See next page
Power required	24.6 kW
Air pressure	0,6 MPa
Air consumption	1 litre free air / hour
Net weight	1,825 kg
Gross weight	2,580 kg
Shipping volume	20 m ³

Arenco—SAJ Creasing & Frictioning Machine

DESCRIPTION OF FEATURES

Description

The machine is an important link in production of outer box skillets from sheets. The printed sheets are supposed to have been earlier cut down to strips.

The SAJ machine performs the creasing, frictioning and drying of these cardboard strips.

Slitting of the finished strips into skillets is then to be made in the separate Slitting Machine type SAK.

The mentioned capacity 60,000 skillets/h is valid when producing skillets of normal outer box size and with two friction lines. The production will be higher, about 80,000 skillets/h when producing skillets with only one friction line. The machine can be used also for book match covers.

Product

Cardboard strip size

L = 320-680 mm W = 95-224 mm.

Try to use as long strip length as possible to get a high production.

Fiber direction across the creasing.

Coated or uncoated board, but also laminated or even board with metallic surface can be run (with somewhat decreased capacity).

Size change

Quick (about 1/2 hour easy size change over for normal outer box size).

Functions

Strip magazine

Infeed of strips by vacuum wheel principle.

Creasing

One pair of rollers in a unit, easily changeable.

Friction painting

Wheel application unit, easily removable for cleaning or for size change. Adjustable friction layer 0.06-0.12 mm (0.08 mm is normal). Separate friction composition tank with hose pump.

Drying

Short wave-length IR-drying in three steps and hot air dryer.

The strips are passing the dryer crosswise and overlapping each other, thus exposing the friction upwards the friction upwards.

Collecting magazine

The finished strips are collected in a magazine.

Speed

The speed of friction applicator resp. dryer can be individually adjusted by frequency regulators. Production figures are shown on the control panel.

Improvements

- Higher capacity.
- New and more efficient IR-lamps (short wave-length IR radiation).
- Rotation control for the transport band of dryer.
- Shorter drying path.
- New electrical system.



Spare part orders and service, new machine inquiries, mechanical repairs and preventive maintenance,

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