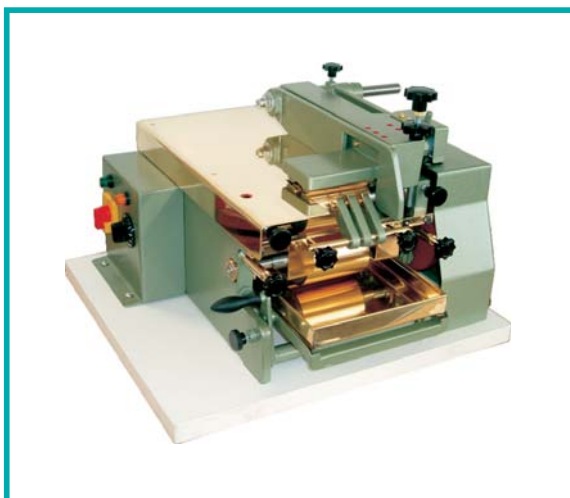


**“Sticking
with
System”**



**Over 65 years
in business
specialising in**



**Gluing Machines
Edge Gluers
Pressing Machines
Adhesives**

Sumbel



Sumbel - Single Roller Gluing Machines

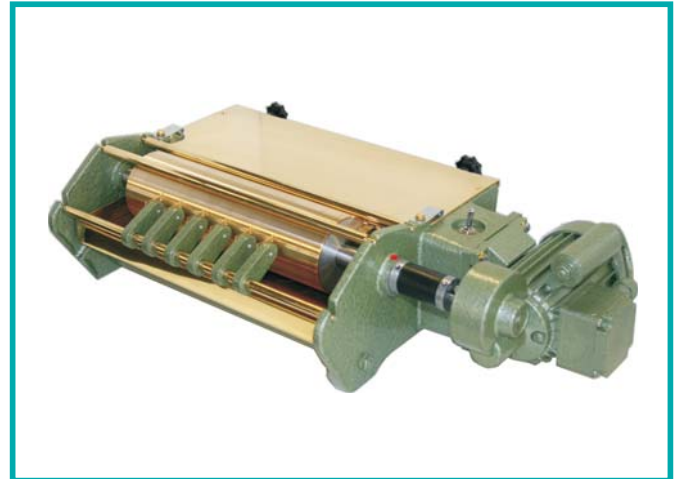
Model ENANO

Single roller gluing machine for paper, labels etc.
Motordrive 230 V. AC. or other voltages.

Working size: 150, 250, 350, 400 mm

Options:

- additional pressure rollers for thin carton, filled envelopes etc.
- adjustable speed
- glue roller and glue tray in stainless steel.



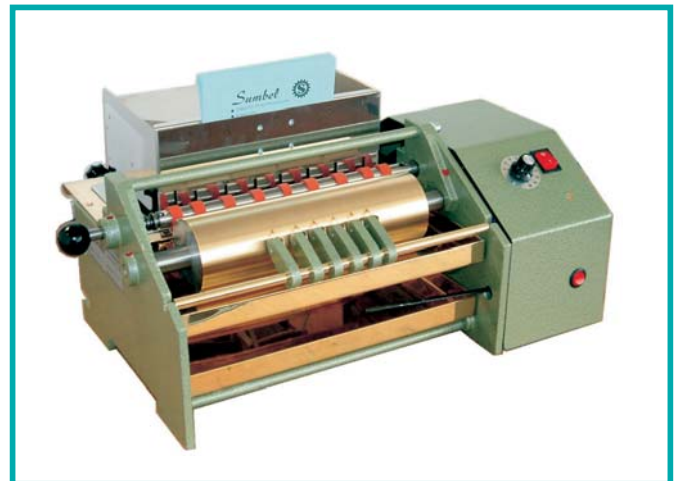
Model CORONA

Gluing Machine with automatic feeding of label etc.,
adjustable speed motor drive 230 V. AC. or other voltages.

Working size: 150, 250, 350 mm

Options:

- single label attachment
- additional attachment for extra long labels
- glue roller and trays in stainless steel



Sumbel - Two Roller Gluing Machine

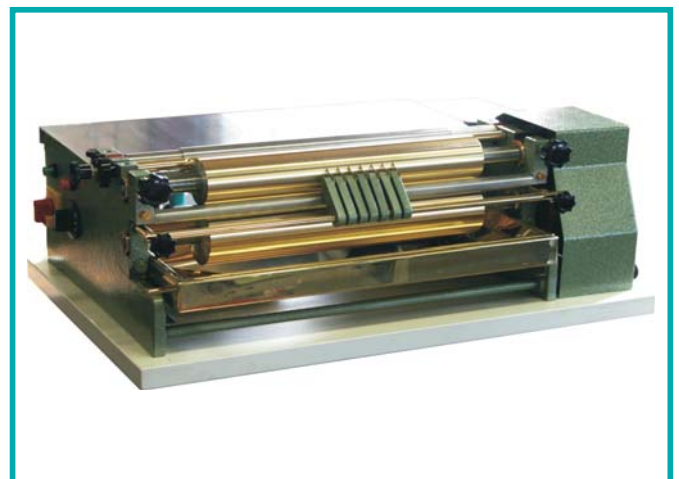
Model ROLAND

Two roller gluing machine for cold and hot glue,
adjustable speed, motor drive 230 V. AC.
or 400 V. DC other voltages on request.

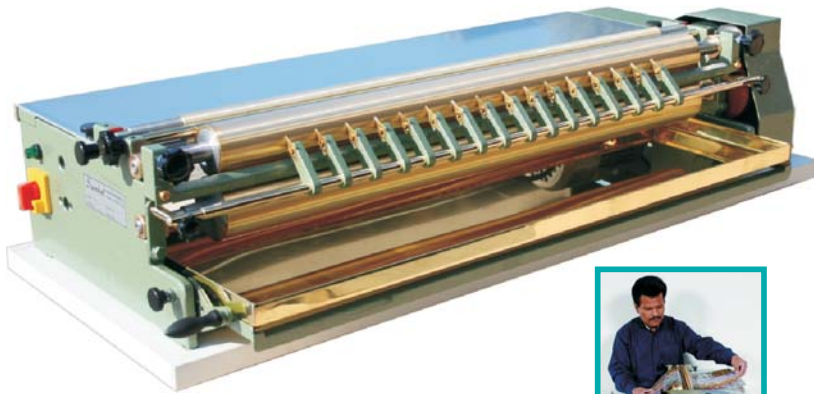
Working size: 200, 250, 350 mm

Special- and additional attachments:

- hot glue attachment
- pressure bar attachment for cardboards etc.
- strip- and edge-gluing attachment
- glue rollers and glue tray in stainless steel
- glue circulation pump



Sumbel - Two Roller Gluing Machine



Model HEROLD

Two roller gluing machine for cold and hot glue, adjustable speed, motor drive 230 V. AC. or 400 V. DC other voltages on request.

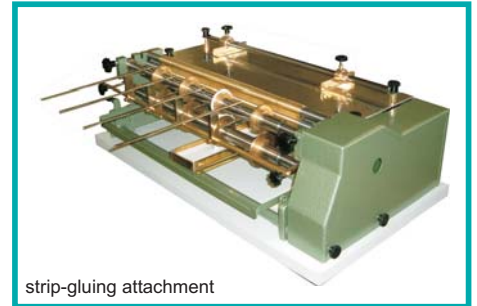
Working size: 500, 650, 800, 1000, 1200 mm

Special- and additional attachments:

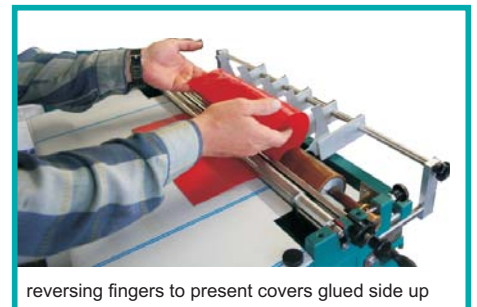
- hot glue attachment
- pressure bar attachment for cardboards etc.
- strip- and edge-gluing attachment
- creasing attachment
- glue rollers and glue tray in stainless steel
- glue circulation pump
- automatic suction feeder up to 480 mm



pressure bar attachment

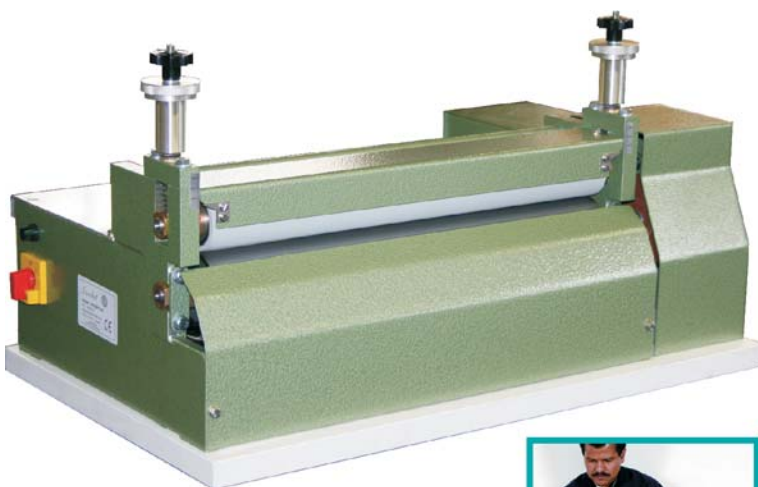


strip-gluing attachment



reversing fingers to present covers glued side up

Sumbel - Rotary Pressing Machine



Model REGENT

Pressing Down Machines for high speed combining of glued materials such as paper to chipboard. Combined material thickness up to 25 mm, uniform pressure, motordrive 230 V. AC or DC or other voltages.

Working size: 500, 650, 800, 1050, 1200 mm

Options:

- portable stand

Sumbel - Top Side Gluing Machine



Model SENATOR

Two roller gluing machine with topside gluing system and 3 m conveyor inclusive pressure bar attachment for carton etc. adjustable motor speed, motor drive 230 V. Ac or 400 V. DC

Working size: 400, 500, 650, 800, 1000, 1200 mm

Options:

- table model without conveyor,
- hot glue processing
- vacuum conveyor
- glue rollers and glue tray in stainless steel,
- glue circulation pump,
- automatic suction feeder up 480 mm



Machine with hot glue tank



Vacuum conveyor

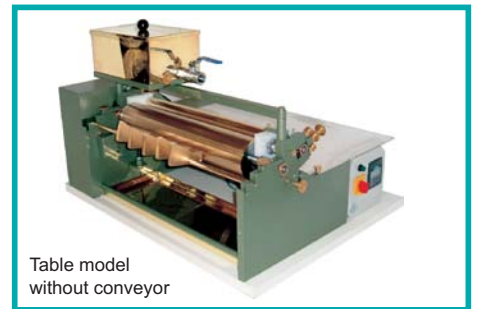
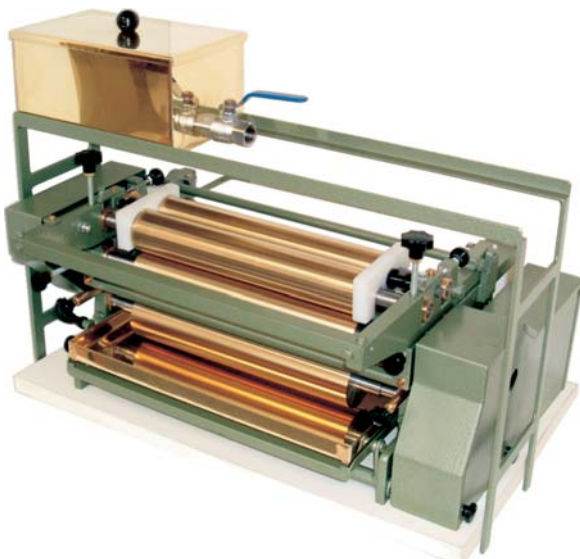


Table model without conveyor

Sumbel - Double Side Gluing Machine



Model COMET

Gluing Machine for double side full surface gluing of carton, card-board and plastic materials up to 10 mm thickness, adjustable speed, motor drive 230 V. AC. or 400 V. DC other voltages on request.

Working Sizes: 250, 350, 500, 650 mm

Options:

- glue rollers and glue tray in stainless steel
- glue circulation system

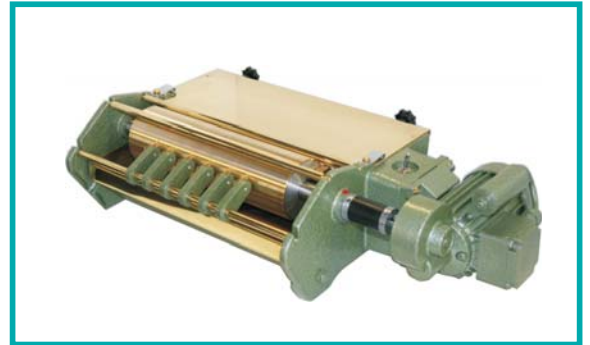
Sumbel - Case Making System

Make your own hard cover for books!

- 1. Gluing Machine to apply adhesive onto cover**
- 2. Alignment Table to place boards & spine onto cover**
- 3. Edge Turner folds over edges onto cover**

Model ENANO BD - Single Roller Gluing Machine

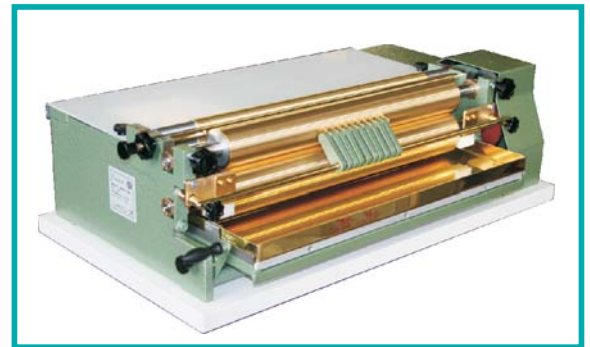
Gluing Machine for applying cold water based adhesive onto cover materials. For covers up to 38 cm wide, adjustable glueroller speed, motordrive 230 V. 50/60 Hz AC



Model HEROLD AG - Two Roller Gluing Machine

Machine for applying hot protein glues (animal glues) onto cover materials. Also suitable for cold water based adhesives. Precise gluefilm adjustment and variable speed control by inverter

Working sizes: 500, 650, 800, 1000, 1200 mm



Model GFAT - Alignment Table

The Alignment Table features a tiltable table top, vacuum suction, adjustable spine width, three point alignment system and a center light. For books up to 670 x 380 mm. 220/230 V. 50/60 Hz.



Model GFET - Edge Turner

Turns the edges of the book forming a neat seal. Animal glue requires 1 second compression time. Cold water based adhesive requires 2-3 seconds compression time.



Sumbel - Edge Gluers

Model PERKEO

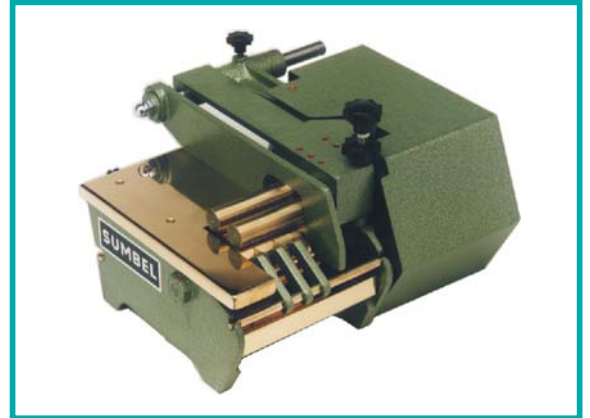
Single roller edge gluer for paper, cardboard, leather etc. adjustable working size from 2 mm upwards

Motordrive: 230 V. AC or other voltages.

Working size: 60, 90, 120, 150 mm

Options:

- adjustable speed
- stainless steel rollers



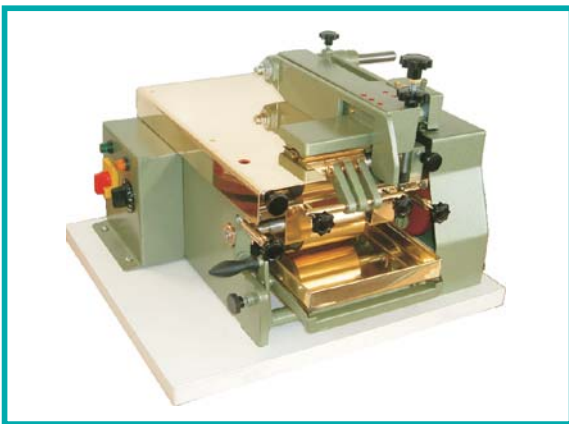
Model CORONEL

Two roller edge gluer with adjustable speed, motor-drive 230 V. AC or other voltages, for paper, cardboard, leather etc. Adjustable working size from 2 mm upwards .

Working size: 60, 90, 120, 150 mm

Options:

- Hot glue attachment
- stainless steel rollers
- special roller sizes



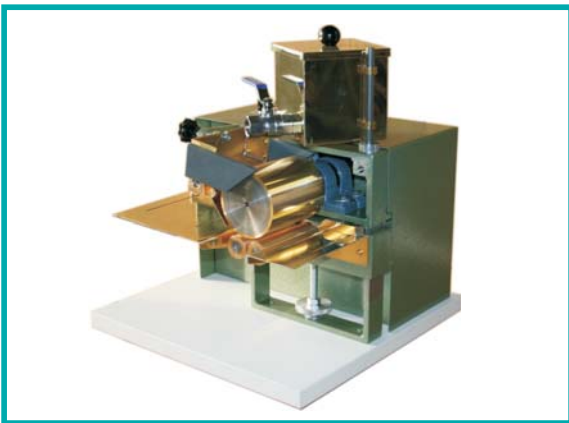
Model MERCUR

Edge Gluer for top side glue application, cold glue, adjustable speed, motordrive 230 V. AC or other voltages. For paper, cardboard, leather etc. adjustable working size from 3 mm upwards

Working size: 60, 90, 120 mm

Options:

- glueroller and glue tray in stainless steel
- larger roller sizes on request



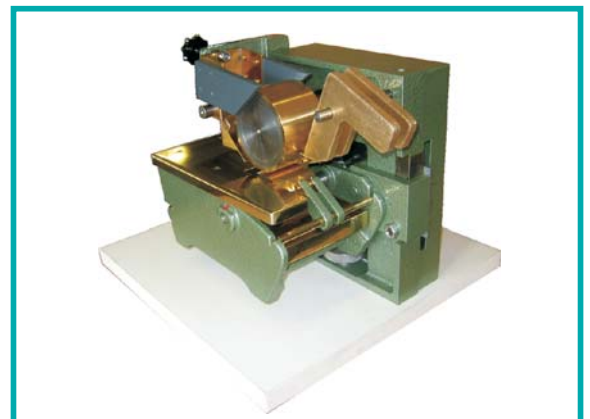
Model ROTOR

Edge Gluer for double side glue application, cold glue, adjustable speed, motordrive 230 V. AC or other voltages. For paper, cardboard, leather etc. adjustable working size from 3 mm upwards

Working size: 60, 90 mm

Options:

- glue roller and glue tray in stainless steel
- larger roller sizes on request



Sumbel - Roll Coater for Hot Melt



Model MELTCATOR

is a hot melt roll coater, to apply hotmelts onto materials over 1 mm thickness.

Working size: 300 mm / 500 mm

Temperature Control: up to 210 C°

Motordrive: 230 volts, 50/60 Hz

Options:

- Table version
- Special working sizes
- Temperature controller with timer
- Pressure bar-attachment
- Heated Application roller



Sumbel - Conveyor Belt Press Machine



Model BANDERA

Conveyor Belt Press Machine for smooth and fast pressing of folding boxes, cartons etc. Adjustable pressure of each of the 9 pressing stations, adjustable speed, motor drive .

Motordrive: 230 V. AC or other voltages

Working size: 500, 650, 800, 1050 mm

Sumbel - Guide to Labeling Adhesives

Article	Type	Application	Materials	Relative Tack
GF 5	Dextrin	Labeling	Paper, cardboard	1
GF 55	Dextrin	Labeling	Paper, cardboard	2
GF 637U	Dextrin	Lamination	Paper, cardboard	3
GF 9	Resin	Labeling	treated plastics, glass, metal, cardboard	3
GF 779	Resin	Labeling	untreated plastics, glass, metal, cardboard	5
GF 4000	Resin	Lamination	Paper, cardboard, foil, cardboard	3
GF 6000	Resin	Lamination	Cardboard, paper, MDF	2
GF 8	Resin	Lamination	Cardboard, paper, MDF	3
GF 878	Resin	Lamination	Cardboard, paper, MDF	3
GF 92850	Resin	Lamination	Cardboard, paper	1
AG 650	Protein	Lamination	Plastic foils, cellophane-covered papers or coated surfaces	2

Glue

A substance made from naturally occurring materials that bonds two substrates.

Adhesive

A substance made from man-made materials that bonds two substrates.

SUMBEL

offers glue and adhesives -including hot melts, protein and jelly glue for many applications.

1 = low, 3 = high

Sumbel - Guide to Palletizing Adhesives

Article	Type	For Unitizing	Recommende Application Equipment
SKID-LOCK	Resin	Carton, Multiwall Paper Bags	Multistripe, P.A.T, Skid-Lock Auto Applicator
SL-POLY	Resin	Plastic Bags, Shrink-Wrapped Items	P.A.T Sprayer, Skid-Lock Auto Applicator

These two guides serves as a recommendation only. Final suitable of the product must be determined by the user.

All of these glues and adhesives work well in our label gluing machinery and Skid-Lock Applicators.



If you have a gluing problem, contact SUMBEL first.

If we can't help you we will do our best to point you in the direction of someone who can