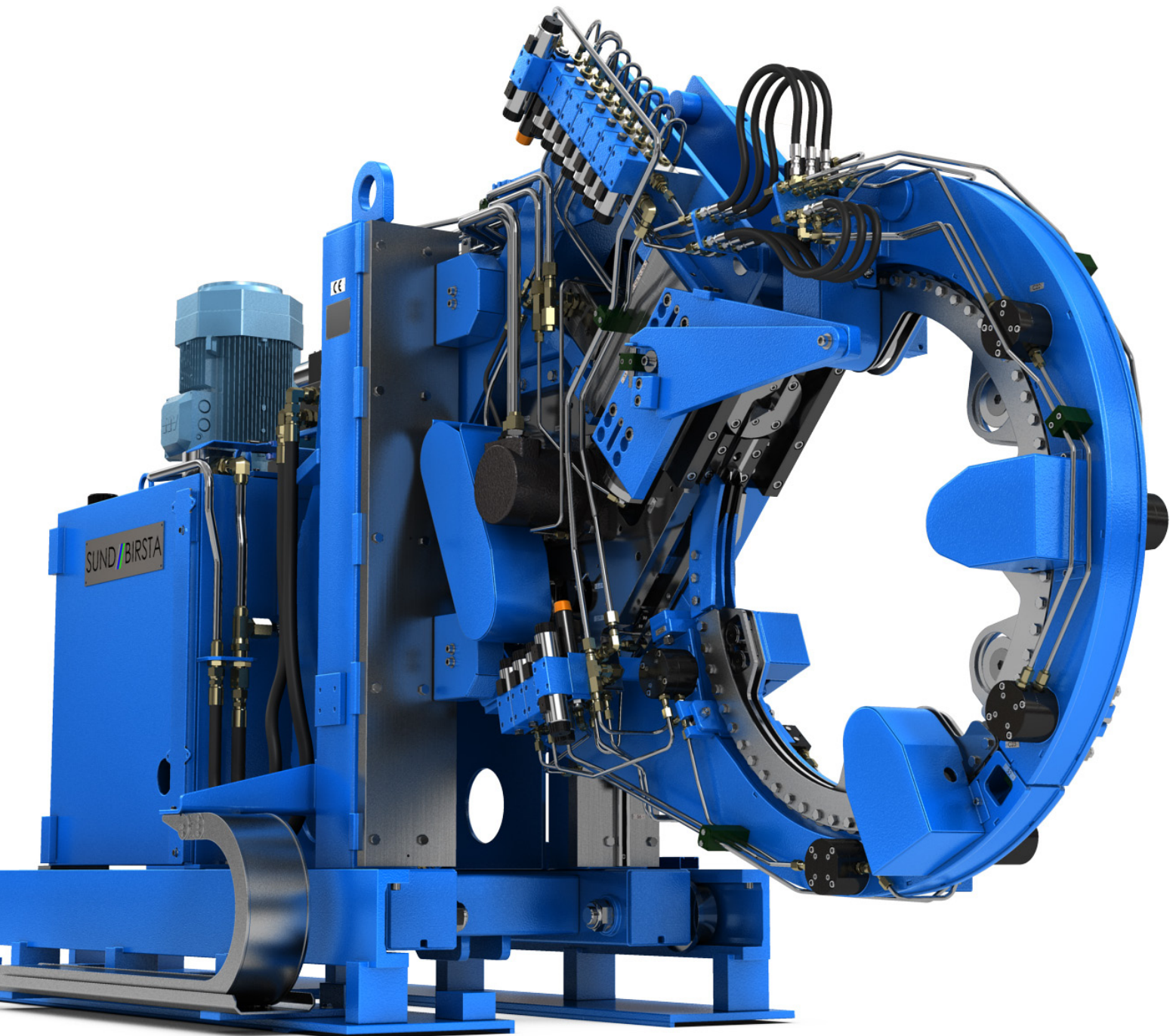


KNCA

WIRE BINDING MACHINE



SUND / BIRSTA

MAJOR ADVANTAGES

- High operational accessibility
- Low maintenance requirements
- Rigid design
- Entirely hydraulic driven
- Designed for harsh environments
- Well proven design
- Improved twisting-head for higher quality of knot

FUNCTION DESCRIPTION

The machine is normally started by a master control system. The wire is pre-fed into the wire guide system and when the start signal for binding is received the binding head moves down against the package.

The end of wire is then clamped and the wire feeding wheel reverses. A tensioning procedure, including a flap sequence to achieve a firm and tight binding around the package, follows.

Clamping of second wire part i.e both wires passing through twisting head clamped. Twisting head rotation starts and after a short time the second clamping tool is deactivated. The wire is cut shortly after the twisting head starts its rotation movement. Twisting the wire ends - a number of turns completes the knot.

The machine then returns to the start position and a signal is sent to the master control system indicating that the package is ready to be removed.

The sequence is similar for double binding, but the binding wire passes two turns in the guide system before the end is clamped. The double binding can either be performed as two tight turns or as one tight and one loose turn.

BINDING WIRE: Wire rod of diameter 6.0 - 8.0 mm

WIRE GUIDE TRACKS

Single turn	Double turn
800 mm	800 D
1000 mm	1000 D
1300 mm	1300 D
1800 mm	

WIRE TIGHTENING FORCE: 900 kP

MAXIMUM PACKAGE SIZE

Wire guide	Round	Square
800	550	450
1000	650	600
1300	850	750
1800	1150	1050
800 D	400	400
1000 D	600	550
1300 D	800	750

BINDING TIME

5 - 16.5 sec. Depending on application

ELECTRICAL EQUIPMENT

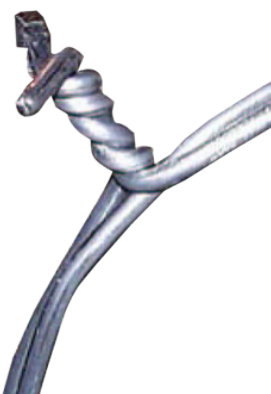
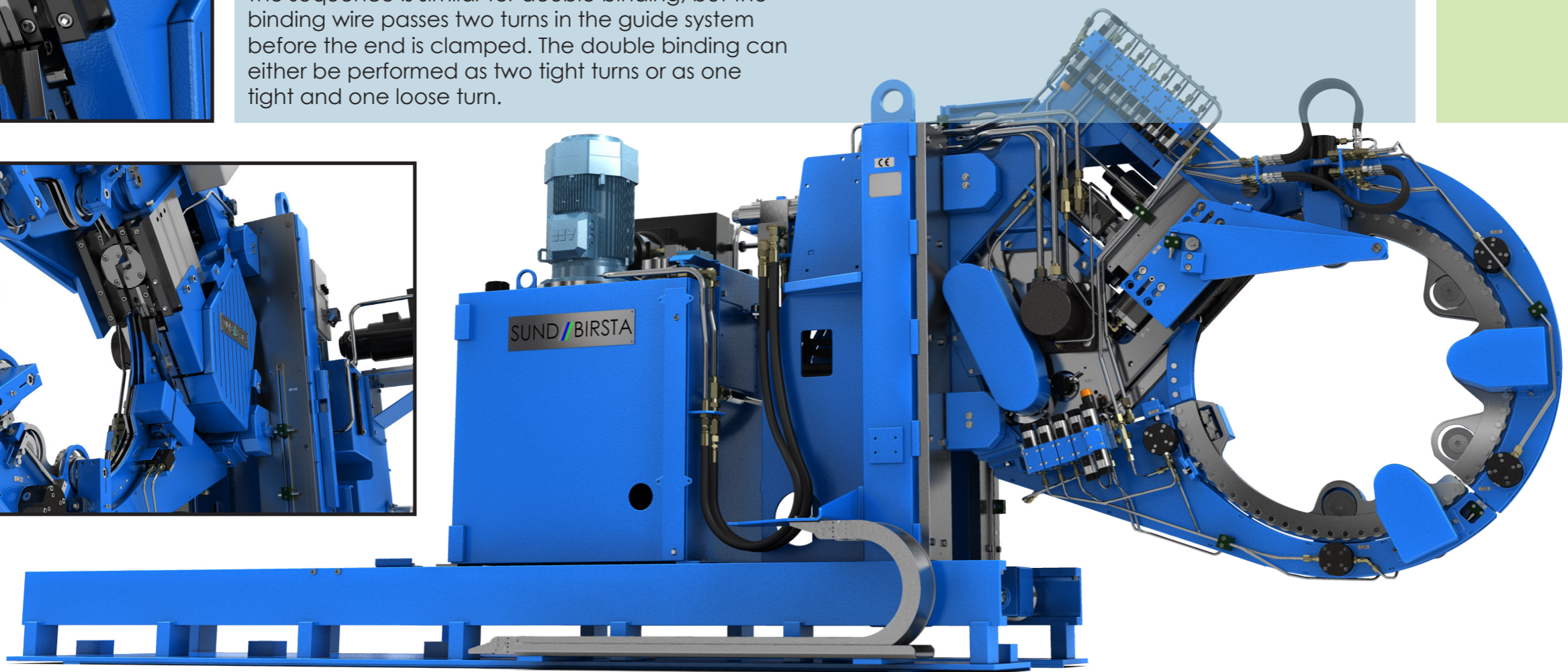
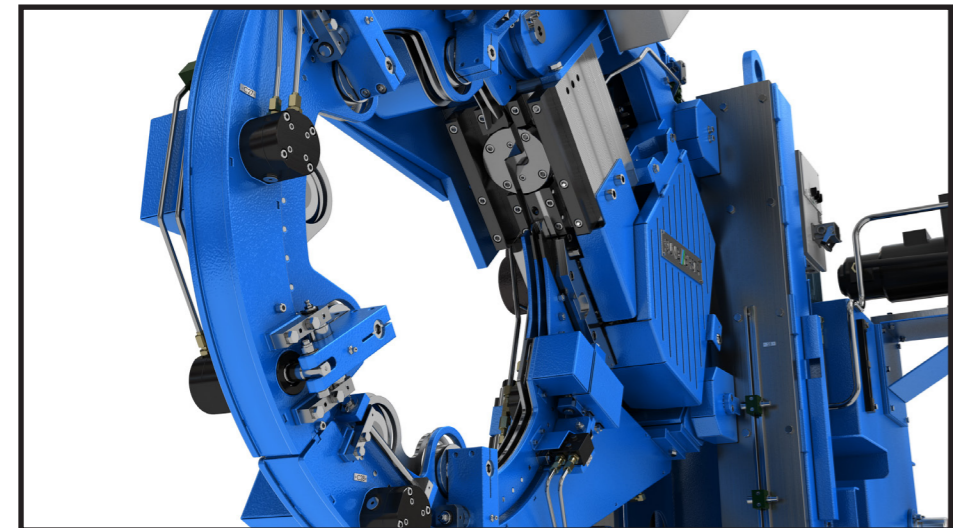
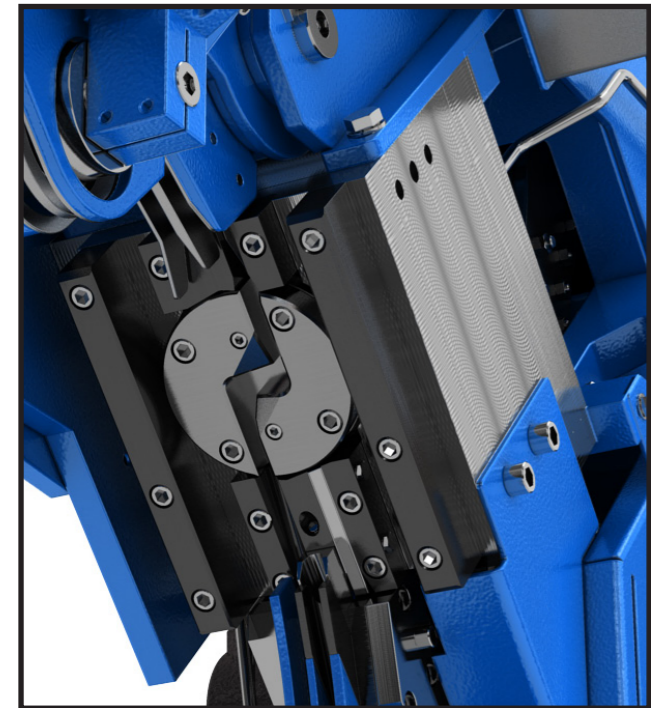
Electrical motor: 11 kW
 Internal voltage: 24 VDC
 Control system: PLC

WEIGHT

Approx. 3100 - 3400 kg.
 Depending in application

OPTIONS

- Flaps for square packages
- Openable wire guides
- Carriage for movement to different binding positions



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