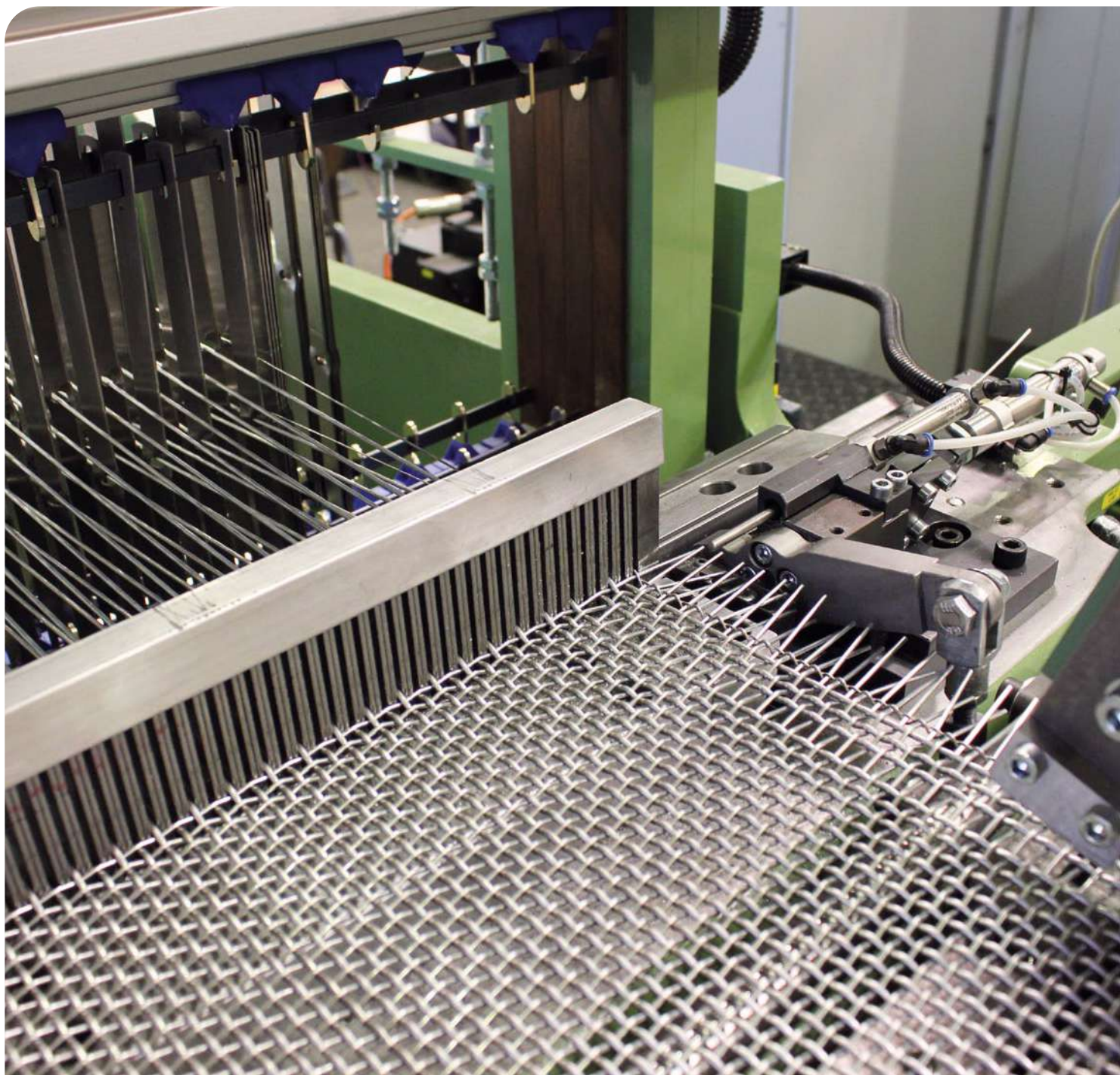
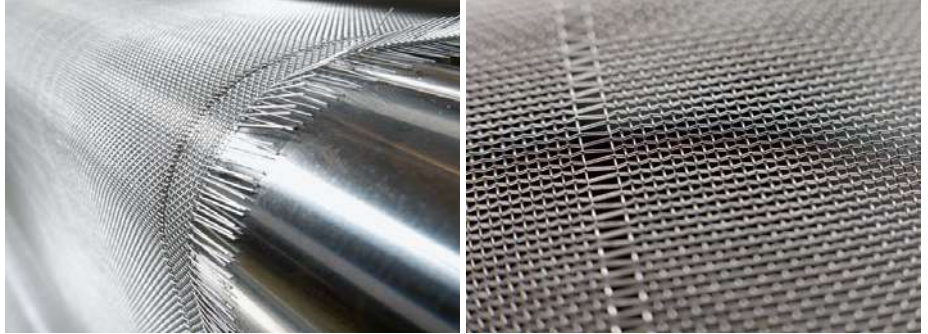


Wire weaving machines
BD100, BD520, BD600, BD710, BD800





Economic machines for high-quality fabrics

The Jäger metal wire weaving machines of Schlatter Deutschland are designed for highly efficient production of the highest-quality fabrics. The machines are characterized by their operator convenience and easy maintenance. The large number of peripheral devices complete the necessary equipment for economic production of metal wire fabrics.

All from one supplier

The wire weaving machines of the BD series are ultramodern band gripper weaving machines and cover a large part of the wire fabric market. From standard fabrics to medium heavy fabrics to heavy fabrics, Schlatter Deutschland offers under the brand Jäger the corresponding machine optimized for the product.

The concept of the machine is designed to deal flexibly with the corresponding demands of the customer.

A modular concept allows for weaving widths of between 1250 mm and 7500 mm, depending on the machine type.

The advantages of the machine result from the wide application range for the processing of a great variety of materials. From iron, copper, brass, bronze, stainless steel, aluminum to platinum, they can all be woven on these machines.

Depending on your range of products, Schlatter Deutschland offers you various Jäger weaving machines and peripheral devices from one supplier.





The optimum configuration of the weaving machine

Whichever fabric you want to produce, fine fabrics, medium heavy fabrics, or heavy fabrics, as plain fabric or twilled weave, Schlatte Deutschland configures the optimum machine for your demands.

Fabric pattern

Plain fabric, three-shaft to five-shaft twill wire cloth by externally arranged positive cam motion or AC servo dobby.

Weft insertion

The weft insertion is effected by a singlesided band gripper system driven by an AC servo motor.

Beat of slay

The beat of slay is done by double cam discs. With the BD100 and BD520 by direct drive, with BD600, BD710 and BD800 by additional toggle lever system.

Warp let-off

The warp let-off is controlled electronically by an AC servo motor, while the warp tension is displayed digitally.

Cloth take-up

A 3-roll take-up system with separate central winder or alternatively the take-up roll provides optimum and slide-free cloth take-up. The drive is effected by an AC servo motor.

Main drive

The drive of the BD600, BD710 and the BD800 is effected by a three-phase motor with pneumatically activated clutchbrake combination. The BD100 and BD520 has a direct drive.





The wire weaving machines BD100, BD520, BD600, BD710 and BD800

Reproducible fabric quality by programmable weaving parameters. Greatest possible mesh accuracy by use of the latest electronic controls for warp let-off and cloth take-up. Optimum reliability of the production process by means of a proven band gripper system. Shortest possible set-up times due to a programmable fabric data (recipe).

BD100 for mosquito fabrics

Mosquito fabrics with wire diameters of 0.1–0.4 mm, at weaving widths of 1250 - 2500 mm.

BD710 for medium heavy to heavy fabrics

Different filter fabrics and heavy industrial sieves with wire diameters of 0.2 - 2.0 mm, at weaving widths of 3000 - 7500 mm.

BD520 for fine fabrics

Protection fabrics, industrial fabrics with wire diameters of 0.05–0.45 mm, at weaving widths of 1300 - 2500 mm (special widths on request).

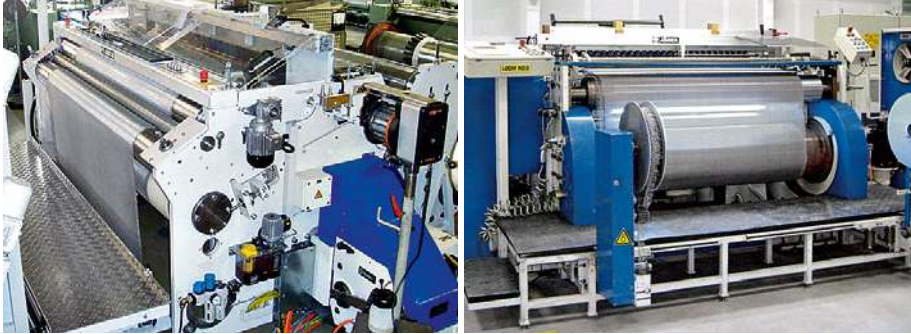
BD800 for heavy fabrics

Security screens, transport belts, heavy industrial fabrics with wire diameters of 0.3–2.0 mm, at weaving widths of 1600 - 2000 mm (special widths on request).

BD600 for medium heavy fabrics

Reinforcing fabrics, oil filters, airbag fabrics with wire diameters of 0.1–0.8 mm, at weaving widths of 1300–2500 mm (special widths on request).





Specification

BD100, BD520, BD600, BD710 and BD800 are flexible wire weaving machines for the efficient production of highest-quality fabrics.

	BD100	BD520	BD600	BD710	BD800
Standard weaving width special widths on request	1250 mm 1600 mm 2000 mm 2500 mm	1300 mm 1600 mm 2100 mm 2500 mm	1300 mm 1600 mm 2100 mm 2500 mm	3000 mm 4500 mm 6000 mm 7500 mm	1600 mm 1800 mm 2000 mm
Wire diameter	0,1 - 0,4 mm	0,05 - 0,45 mm	0,1 - 0,8 mm	0,2 - 2,0 mm	0,3 - 2,0 mm
Square mesh screens meshes per inch (25.4 mm)		15 - 200	10 - 100	2 - 80	4 - 50
Dutch weave meshes per inch (25.4 mm)		up to 300	up to 300	up to 250	up to 250
Wire material	stainless steel, iron, copper, brass, bronze, aluminum	stainless steel, iron, copper, brass, bronze, aluminum, platinum	stainless steel, iron, copper, brass, bronze, aluminum, platinum	stainless steel, iron, copper, brass, bronze, aluminum	stainless steel, iron, copper, brass, bronze, aluminum
Number of picks (depending on weaving width and fabric specification)	180 1/min	200 1/min	150 1/min	70 1/min	110 1/min
Basic tension		2000 daN/m	4000 daN/m	5000 daN/m (standard) 10000 daN/m (special design)	10000 daN/m

Designed for changing demands

Schlatter Deutschland offers a large range of additional modules and peripheral devices. The following options represent a selection from our range of goods. On request we also deliver weaving machine accessories such as heddles, harnesses, reeds and beaming combs according to your special requirements.



Beaming machine

With warp spool creel. For the quick beaming of the warp beam outside the machine.



Beaming apparatus

The special beaming apparatus enables a filling of the warp beam at constant tension.



Transport carriage

For the transport of the warp beams from the beaming machine to the weaving machine. Optional design with harness insertion device for the insertion of weaving harnesses and reed with drawn-in warp.



Pre-spooler

Enables a steady tension during the weft insertion and thus higher speeds. Draws the weft wire optionally from coil or from spool.

Investment protection through sustained support

Our aim is to increase the productivity of our customers and to increase the operating life of their machines. Therefore we also provide customer service support after the start-up of a Jäger system.

Helpdesk

For general technical questions and repair or maintenance issues, please contact our multilingual helpdesk team by phone or via Internet.

Field service

For prompt help on the spot, our field service specialists offer expert support worldwide.

Repair service

Schlatter has its own workshop in which we can carry out repairs and overhauls to your control devices and mechanic components.

Spare part service

Thanks to our extensive stock and efficient logistics department we can offer you a high availability and fast replacement for machine components.



A reliable partner in plant construction

The Schlatter Group is a world leader in plant manufacturing for resistance welding systems for specialized solution in the field as well as weaving and finishing machines for paper machine clothing, wire and mesh. With our long-standing expertise in industrial engineering, our spirit of innovation and our reliable customer service we offer our customers high-performance and high-quality manufacturing systems.



Experience in plant design

The combined competence in the fields of welding, weaving and industrial engineering makes the publicly listed Swiss Schlatter Group a secure title in plant engineering.

Segment resistance welding

We develop and build resistance welding systems for the production of industrial and reinforcing mesh as well as rail welding.

Weaving segment

We build weaving and finishing machines for paper machine clothing, as well as wire fabric and mesh under our Jäger brand.

Contact

Professional contacts for sales, technical support, customer service and administration are available worldwide in the group's companies and at select representatives/agents of the Schlatter Group. You can find the relevant contact data on our internet site www.schlattergroup.com.

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