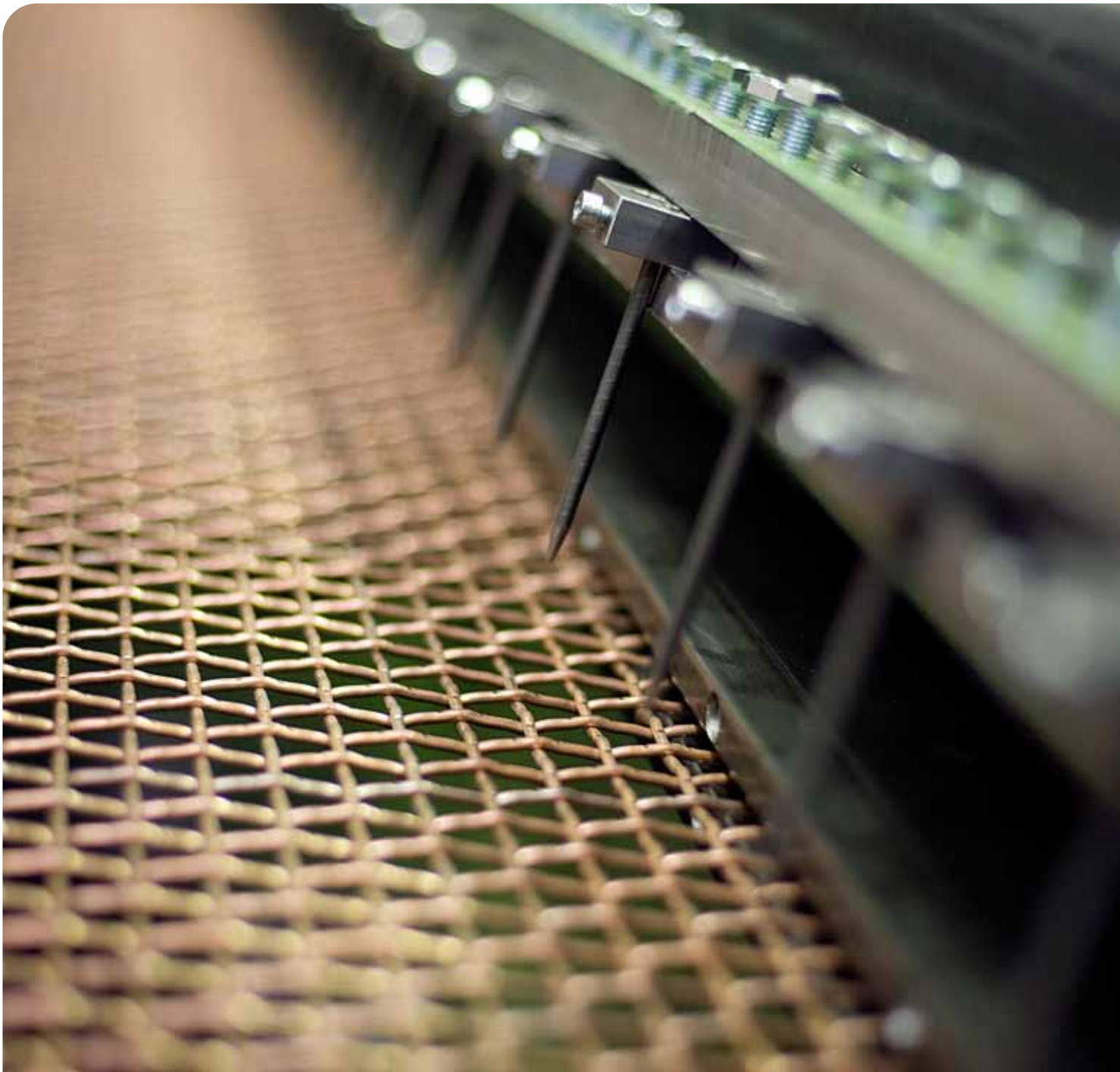


**Screen Assembly Machines / Wire Crimping Machines**  
**RG210, GD600, GD610, GD620, KM200, KM320, KMSS**





## Machines for the production of high-quality screens

The Jäger screen assembly machines of Schlatter Deutschland are designed for high economy and for highest-quality screens. The machines are characterized by their operator convenience and easy maintenance. A number of peripheral devices complete the necessary equipment for economic production of metal screens.

### All from one supplier

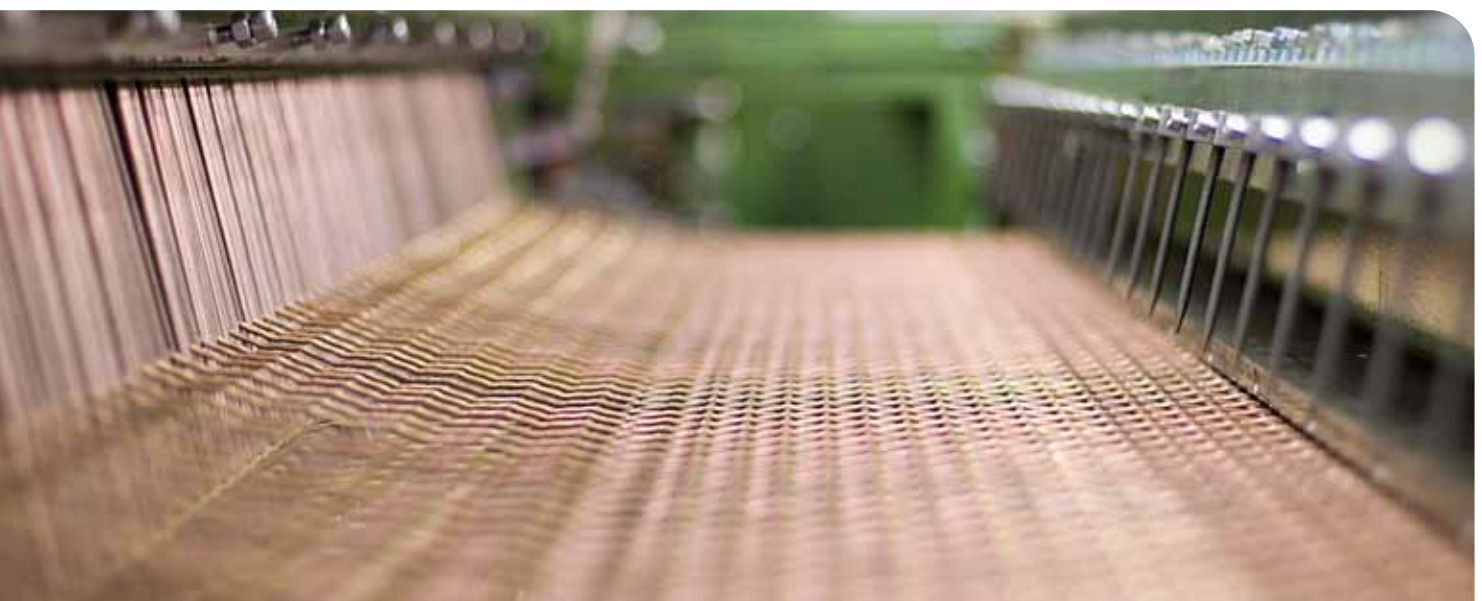
The screen assembly machines of the type RG and GD are very robust weaving machines and cover the entire market of heavy sieve fabrics. They enable the production of different screen geometries in small to large lot sizes at competitive prices.

Schlatter offers machines with different automation levels that can satisfy all these demands. For example, we deliver automatic screen assembly lines, consisting of screen assembly machine

and weft wire crimping machine for the economic production of larger production quantities.

Semiautomatic screen assembly machines with manual weft insertion complete our production program for smaller lot sizes and the production of single items.

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



## The optimum configuration of the screen assembly machine

The right concept for individual demands:  
Due to the modular concept of the Jäger screen assembly machines by Schlatter Deutschland, you start with minimal investment cost and can extend your system according to your needs.

### **RG210 with weft wire crimping machine KM200**

Screen assembly machines for the production of fence and security screens.

### **GD610 with weft wire crimping machine KM320**

Screen assembly machines for the production of heavy sieves. Weft insertion by direct insertion.

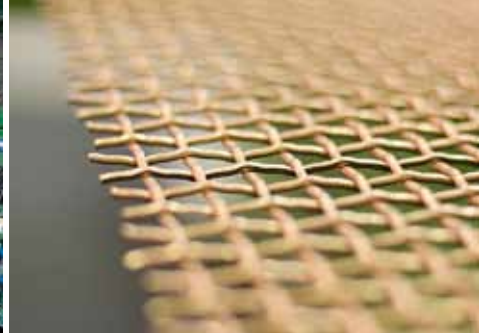
### **GD600**

Screen assembly machines for the production of heavy sieves with manual weft insertion.

### **GD620 with weft wire crimping machine KM200**

Screen assembly machines for the production of heavy sieves with band gripper system.





## Screen assembly machines

RG210, GD600, GD610 and GD620 are flexible screen assembly machines for the economic production of sieves and screens of the highest quality.

	<b>RG210</b>	<b>GD600</b>	<b>GD610</b>	<b>GD620</b>
Weaving width	1600 mm 2200 mm 2700 mm	1600 mm 2200 mm 2500 mm 3050 mm	1600 mm 2200 mm 2500 mm 3050 mm	1600 mm 2200 mm 2500 mm 3050 mm
Wire diameter	1–6 mm	2–15 mm	2–6.35 mm	1–3.5 mm
Mesh width	6–60 mm	3–100 mm	3–100 mm	2–40 mm
Wire material	iron wire, galvanized or plastic-covered wire	spring steel, stainless steel	spring steel, stainless steel	spring steel, stainless steel
Weft insertion	roll insertion with AC servo	by hand	direct insertion by crimping machine	band gripper system with AC servo





## Wire crimping machines

Under the brand Jäger, Schlatter Deutschland offers a large range of additional modules and peripheral devices. The following options represent a selection from our range of goods. The wire crimping machines KM200, KM320 and KMSS are the right complement for the optimum preparation of the warp and weft wires for the Jäger screen assembly machines.

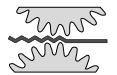
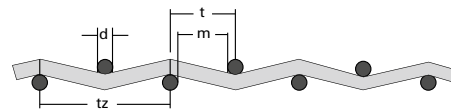
	<b>KM200</b>	<b>KM320</b>	<b>KMSS</b>
Wire diameter (crimping)	max. 10 mm (up to 600 N/mm <sup>2</sup> ) max. 8 mm (spring steel)	max. 10 mm (up to 600 N/mm <sup>2</sup> ) max. 8 mm (spring steel)	max. 18 mm (up to 600 N/mm <sup>2</sup> ) max. 15 mm (spring steel)
Wire diameter (pressing)	max. 8 mm (up to 600 N/mm <sup>2</sup> ) max. 7 mm (spring steel)	max. 8 mm (up to 600 N/mm <sup>2</sup> ) max. 7 mm (spring steel)	max. 16 mm (up to 600 N/mm <sup>2</sup> ) max. 13 mm (spring steel)
Wire material	spring steel, stainless steel	spring steel, stainless steel	spring steel, stainless steel
Crimping speed	10–60 m/min	20–120 m/min	3.4–13 m/min



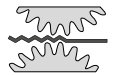
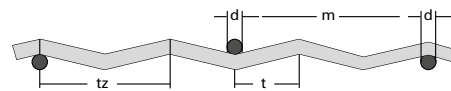
## Kinds of screens

Whether you require crimp screens or press screens, Schlatter Deutschland offers the corresponding machines and tools for every demand.

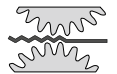
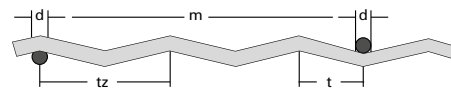
Crimped Screen with  
wires in 1st crimp:  $t=m+d$



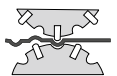
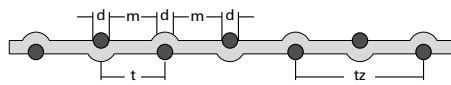
Crimped Screen with  
wires in 3rd crimp:  $t=1/3(m+d)$



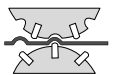
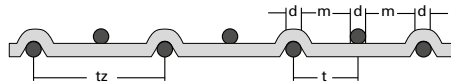
Crimped Screen with  
wires in 5th crimp:  $t=1/5(m+d)$



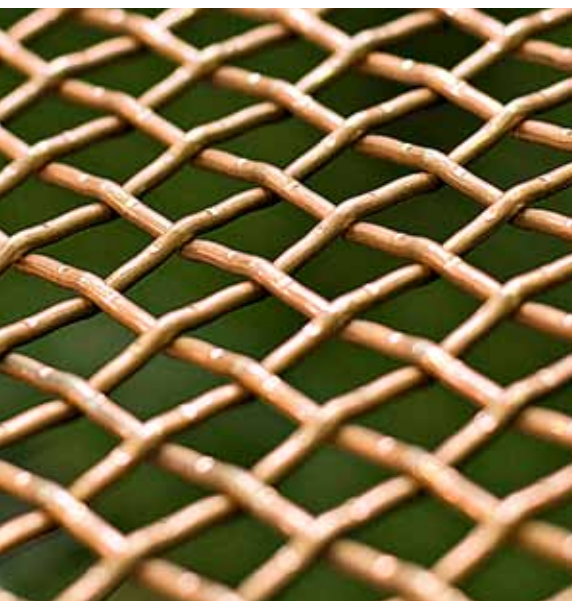
Pressed Screen,  
wires pressed both sides:  $t=m+d$



Pressed Screen,  
wires pressed one side:  $t=m+d$



$tz$  = tooth pitch of crimp or press wheels



## 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.

### Repair service

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

### Field service

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

### 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 and weaving machines for special applications. With long-standing expertise in industrial engineering, innovative flair and a reliable customer service, the Group listed in Switzerland provides production systems offering high performance and quality.



### Core competence

Schlatter has almost 100 years of expertise in plant construction and customer-oriented solutions. The company enjoys a worldwide presence and has more than 500 dedicated employees. The combination of expertise in welding and systems technology makes Schlatter a reliable partner in plant construction.

### Segment resistance welding

Schlatter has acquired unique experience in the development and production of reinforcing and industrial mesh welding systems, mobile and stationary rail welding machines as well as systems for manufacturing radiators.

### Weaving segment

Under the brand Jäger, the Schlatter Group provides state-of-the-art weaving and finishing machines for the paper machine fabric industry.

### 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 details on our Internet site [www.schlattergroup.com](http://www.schlattergroup.com).

### Schlatter Deutschland GmbH & Co. KG

Dahlweg 105  
48153 Münster | Germany  
T +49 251 7792 0  
F +49 251 7792 100  
[www.schlattergroup.com](http://www.schlattergroup.com)