



Tirelessly innovative in sheet transport.

## TECHNICAL INFORMATION

Used and completely overhauled MABEG Reel Sheeter  
RS 106, year 2011

March 5, 2025

## TECHNICAL INFORMATION

<b>Product Typ</b>	<b>Refurbished used MABEG Reel Sheeter, model RS 106, year 2011</b>
<b>Sheet size (width x length)</b>	max. 1060 mm width x 740 mm length min. 520 mm width x 450 mm length
<b>Technical specification</b>	
<b>Material</b>	paper and light cardboard 40 to 250 gsm Foil/plastics/IML 60 to 120 µm  Other on request and after testing.
<b>Speed</b>	16.000 sh/h max. mechanically, production speed depending on several influencing factors.  <u>General note:</u> There may be production limitations for plastics/foil/IML, lower speed to be expected.
<b>Current Data</b>	3x 400 V AC + PE – 50/60 Hz
<b>Sheeter height</b>	Sheeter height will be modified to match required infeed height of printing press.
<b>Standard delivery volume consisting of:</b>	<ul style="list-style-type: none"> <li>• 1 set = 2 pcs expansion shafts diam. 3" / 76 mm</li> <li>• Manually adjustable decurler</li> <li>• Knives: 2 sets (1 set installed, 1 set separate as spare part in the accessory pack) (1 set = 2 pcs: 1 top knife with 1 cutting edge + 1 bottom knife with 4 cutting edges, turnable)</li> <li>• <b>Discharging system</b></li> <li>• <b>New rail frame</b>, to be lowered into floor to move sheeter in and out press feeder</li> <li>• <b>Upgrade to latest technology of brake system</b> sensitive and non-contact <b>magnetic powder brake system</b> for best tension control for foil, plastic and IML material cutting</li> <li>• <b>Upgrade to newest underlapping table design</b> developed for thin substrates and foil, plastic, IML material</li> <li>• HMI touch screen language + manual language: GERMAN or ENGLISH (other languages optional on request)</li> </ul>
<b>Optionally available</b>	<ul style="list-style-type: none"> <li>• Web humidifier</li> <li>• expansion shafts for core Ø 6"/152 mm</li> </ul>
<b>Colour (paint)</b>	light grey und slate grey



(Picture is only an example.)

Without press interface (interface not by **MABEG** but required from press manufacturer) – see section **Preconditions**.

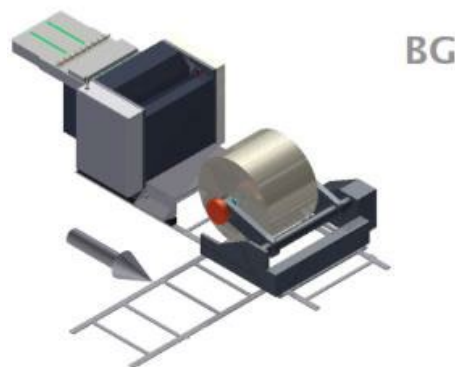
So, if your press is not yet equipped with the interface, you have to get it separately as a retrofit and directly from press manufacturer.

**Options**

sheeter completely refurbished,  
with free choice of layout, any configuration: **standard “BG”**  
alternatively also: “BI”, “AG”, “AI” or “I-inline”  
please specify requested layout with order

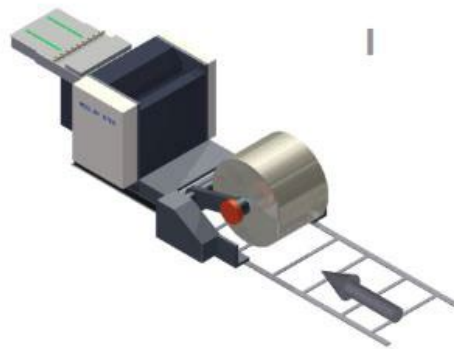
**configuration „BG“**

Parking position of unwinder next to cross cutter on operation side (B side),  
Reel loading opposite to sheet run direction



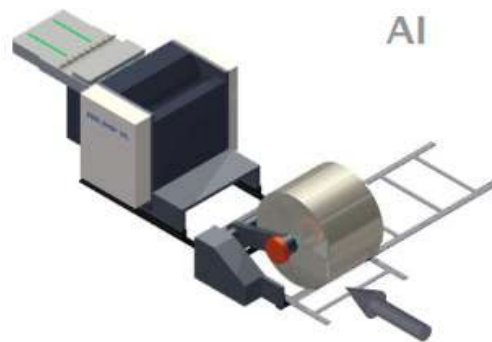
**alternative  
configuration „I“**

Parking and loading position of unwinder “inline” to press,  
Reel loading from rear (in sheet run direction)



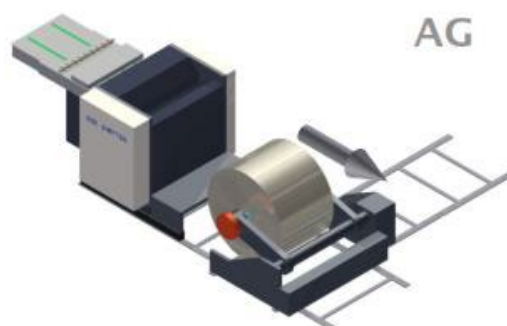
**configuration „AI“**

Parking position of unwinder next to cross cutter on drive side (A side),  
Reel loading from rear (in sheet run direction)



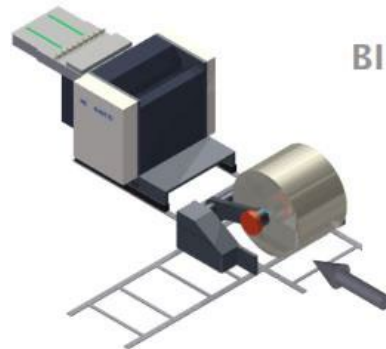
**configuration „AG“**

Parking position of unwinder next to cross cutter on drive side (A side),  
Reel loading opposite to sheet run direction



**configuration „BI“**

Parking position of unwinder next to cross cutter on operation side (B side),  
Reel loading from rear (in sheet run direction)



**Preconditions**

The following machine (the press) must be equipped with an interface, agreed between machine manufacturer and **MABEG**.

The customer acquires this interface directly at the machine manufacturer for his own account. The interface of the following machine, its installation and its commissioning is not part of the delivery scope of **MABEG** and must be performed by the machine manufacturer.

For the connection of the reel sheeter to the interface of the following machine and for the commissioning of the interface suitable personnel from the machine manufacturer is required and simultaneously with the installation of the reel sheeter. Customer must place order for interface and personnel with the machine manufacturer for his own account.

**Notices**

Please follow attached information sheets „Preparations...“ + „Installation + ...“.

The introduction, unpacking and positioning of the reel sheeter, availability of lifting equipment, the provision of transport devices / fork lift truck for unloading and positioning of the reel sheeter at installation site as well as duct work and the electrical connection is the responsibility of client.

**Flooring work:** All cable layouts, the setting of cable ducts as well as all flooring and foundation work / filling is also the responsibility of client.

We are further assuming that all the customer relevant prerequisites (structural and machine-related preparations, such as e.g. pit for rail frame available, machine brought at site etc.) have been made so that our staff can carry out the work unhindered and quickly. Any additional arising costs which are not caused by MABEG will be charged separately according to actual effort costs.

**Internet access:** In general, an Internet access must be made available for remote maintenance of the MABEG reel sheeter. In the event that no Internet access is available, any additional costs incurred for service calls on the part of MABEG due to waiting times for spare parts or user errors will be charged at actual cost even within the warranty period.

**Remote access:** Please follow attached data sheet “data for remote access” and provide the information requested in due course.

**Interface:** The mechanical and electrical interface of the following machine to the MABEG reel sheeter machine is not included in the scope of supply and services, this is the responsibility of the machine manufacturer.

**Warranty**

**12** months from date when unit will be put into operation, but no longer than **18** months from date when unit was ready for shipment.

**MABEG** needs written signed warranty data sheet showing date when unit was put into operation to accept warranty claims.

## More than 75 years MABEG

MABEG has been focusing on Sheet Handling and Reel Sheeting for over 75 years.

We like to compare ourselves with the leaf-cutting ant. Like us, it has specialized in the persistent cutting and transporting of leaves.

We started with Sheet Feeders and Reel Sheeters. Over the years, we have continuously developed, and we have updated, improved and expanded our product portfolio.

Our three cubes show what this includes: **machines**, **components** and **service**.



The **grey cube** reflects our machines. This includes our Sheet Feeders (MSF), our Sheet Stackers (MST), our Modular Sheet Processors or Modular Sheet Inspection Lines (MSP) as well as our Reel Sheeters (RS).

Our components are found in the **blue cube**. This includes our Suction Heads and Sheet Alignment, such as our Side Lays. So, our Suction Heads are the heart of our Sheet Feeders and the precise Sheet Alignment is the basis for the further transport of a sheet.

The **green cube** covers the complete service range. This includes, for example, the installation and maintenance of the machines or the spare and wear parts.

We are proud of our core competence: Sheet Handling. Our years of experience, our unique know-how and our competent team make us a reliable specialist provider.



**Would you like to learn more about us?**

Then feel free to visit our website or our social media channels.

