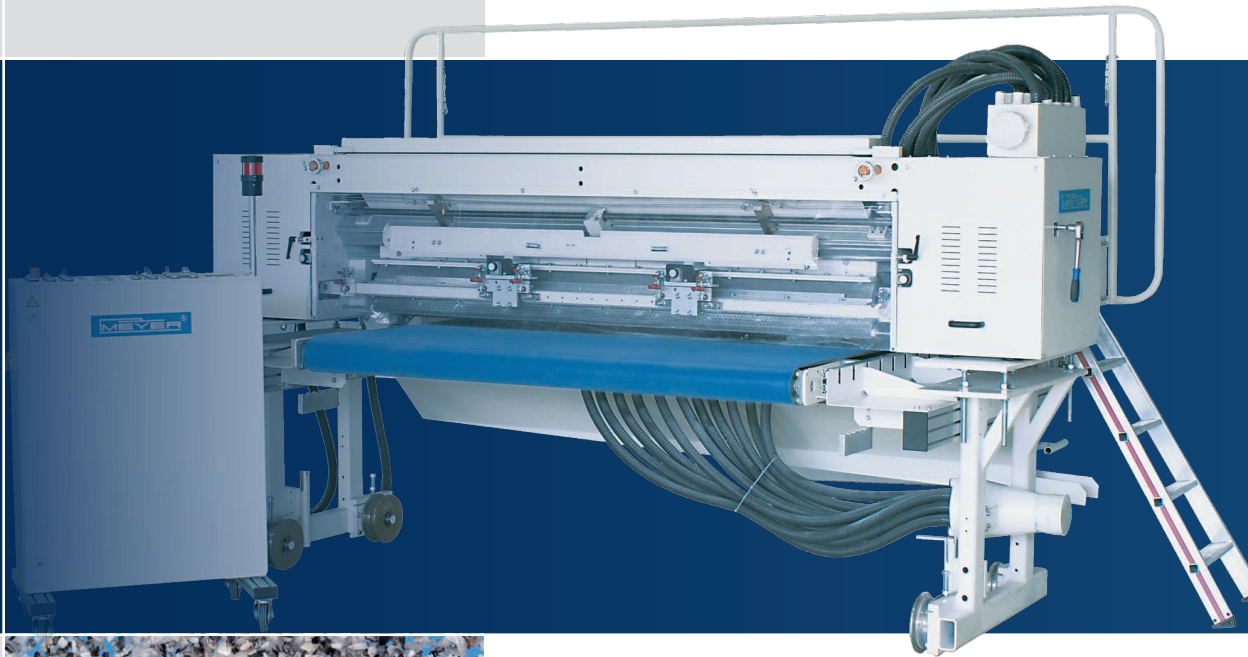


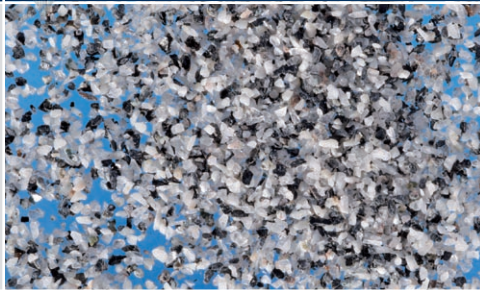
Competence in

# SCATTERING

**MEYER**<sup>®</sup>  
MASCHINENFABRIK HERBERT MEYER GMBH



Ideas that bond.



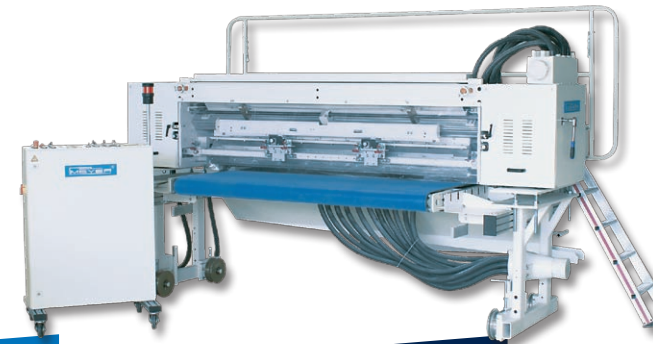
Welcome to the world of MEYER machines.  
We appreciate your interest in our products,  
system solutions, and services.

Since 1949, we have been writing internationally successful machine history when it comes to subject of bonding, coating, pressing, or molding.

We welcome the opportunity to convince you – visit us at our facility and take the opportunity to find the most suitable solution for you in our Competence Center.

As a family owned enterprise, we see the commitment to combine tradition and innovation – let's bond!





## FUSING

### Continuous fusing machines

- RPS series
- L
  - E1
  - E2
  - E2 Leather
  - E4

### Discontinuous fusing machines



**Options** See brochure "Fusing"

## LAMINATING

- KFK series
- C
  - E, EL, X
  - XL
  - P
  - V
  - L



**Options** See brochure "Laminating"

## SCATTERING

- PST series
- Powder scattering
  - Coating line

### Options

- Siemens S7 control with Touch Panel
- Automatic filling
- Respirable dust extraction system
- Compound exhauster
- Ionizing device
- Stairs with passage gallery
- Rotating brush roller
- Rotating cleansing roller
- Powder collecting pan
- Height adjustment
- Scattering width adjustment
- Base frames

## PRESSES

- System
- Thermo-molding
  - Thermo-stamping
  - Thermo-consolidation
  - Thermo-transfer

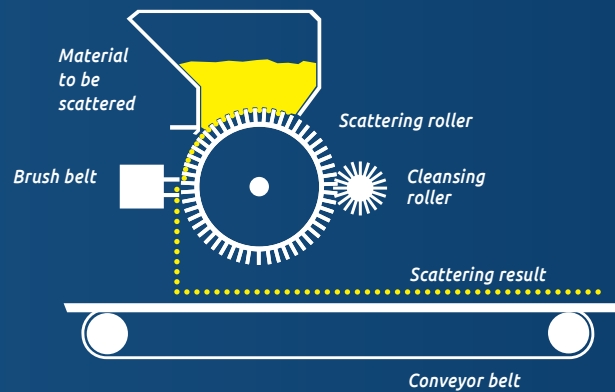


## SERVICES

- After sales service
- Competence Center for customer trials
- Contract manufacture
- Contract laminating



## For even and homogeneous distribution



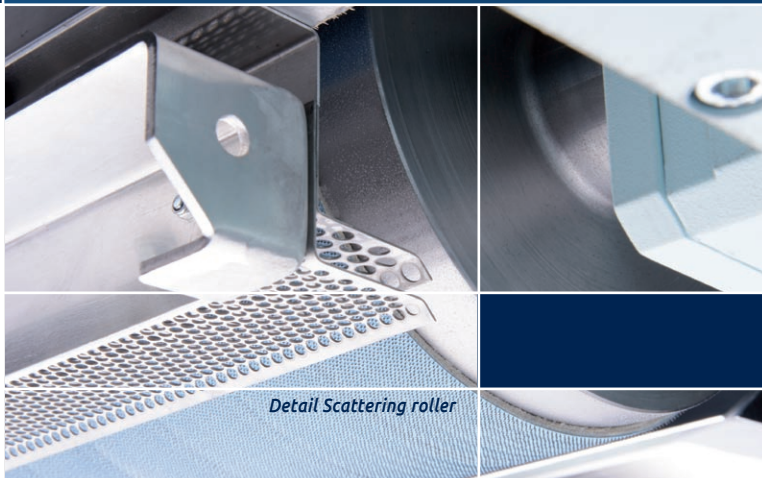
We offer scattering units for powdery materials such as:

- Thermoplastic adhesives
- Epoxy powders
- Recyclates
- Activated carbon
- Filling material
- Sand
- Grains

And many more. Ask us!

By means of a rotating scattering roller the material to be scattered is conveyed out of the funnel and distributed evenly into the needle covering of the scattering roller.

Afterwards the material to be scattered is completely brushed out of the scattering roller by means of a brush belt. Finally the material is scattered evenly onto the material to be coated.





# SCATTERING

A scattering roller coated with a special needle covering in connection with a precisely adjustable brush belt provide for high-precision and very even application of the material to be scattered.

## Modular solutions

This highly flexibly scattering system allows an infinitely adjustable working width between 50 mm and 5,000 mm as well as the possibility to choose application weights between 3 g/m<sup>2</sup> and 2,000 g/m<sup>2</sup>.

Our user-friendly scattering system enables an exchange time for scattering roller or brush belt shorter than 5 minutes in case of maintenance or process changeover.

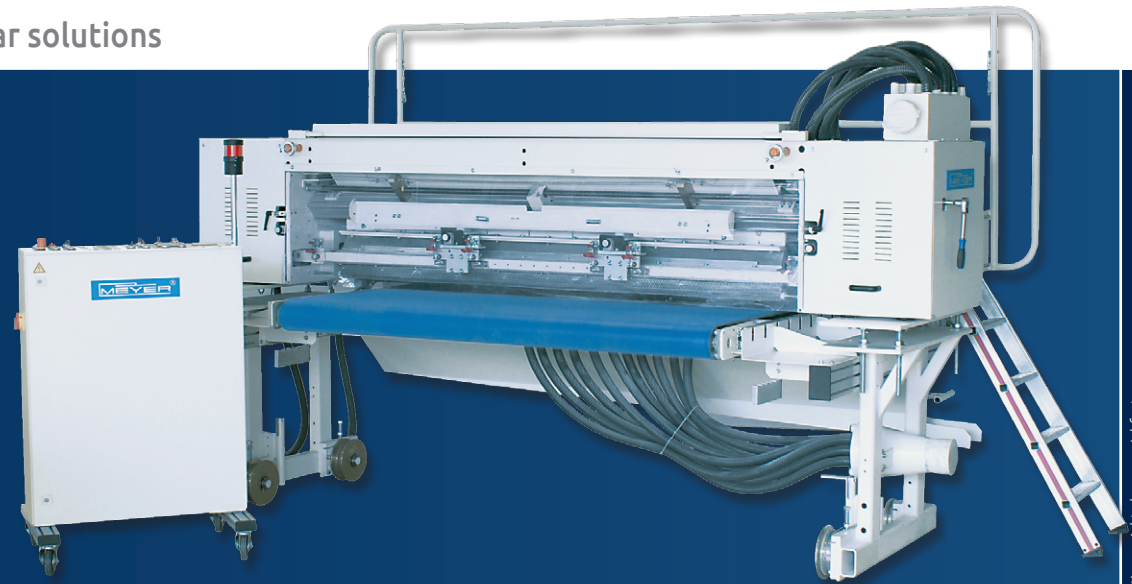
The scattering accuracy depends on the used material to be scattered and is as follows for an applied quantity of:

<25 g/m<sup>2</sup> at  $\pm 2$  g/m<sup>2</sup>

>25 g/m<sup>2</sup> at  $\pm 5\%$

Furthermore it is possible to archive specified weights as recipes resp. to store them in real time for process monitoring.

### Precision adjustment



Illustrations might show special features



Quick change system  
scattering roller

### Technical Data:

Width (mm)  
Scattering roller  $\varnothing$  (mm)  
Brush unit  
Filling  
Scattering width  
Scattering quantity

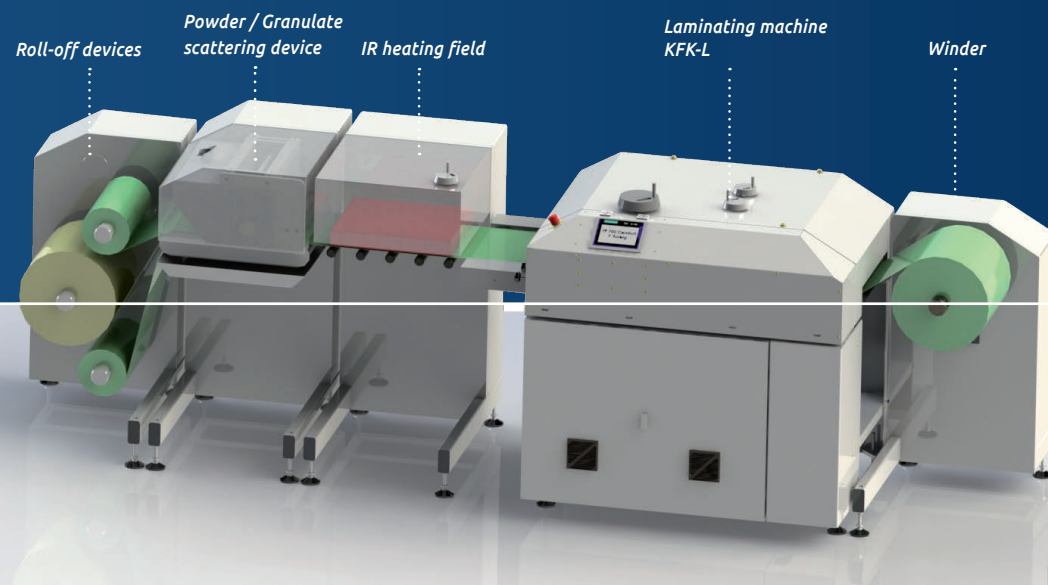
### PST

700 to 5,000  
130 or 225  
oscillating or rotating  
manual or automatic  
infinitely adjustable  
infinitely adjustable, synchronous with line speed

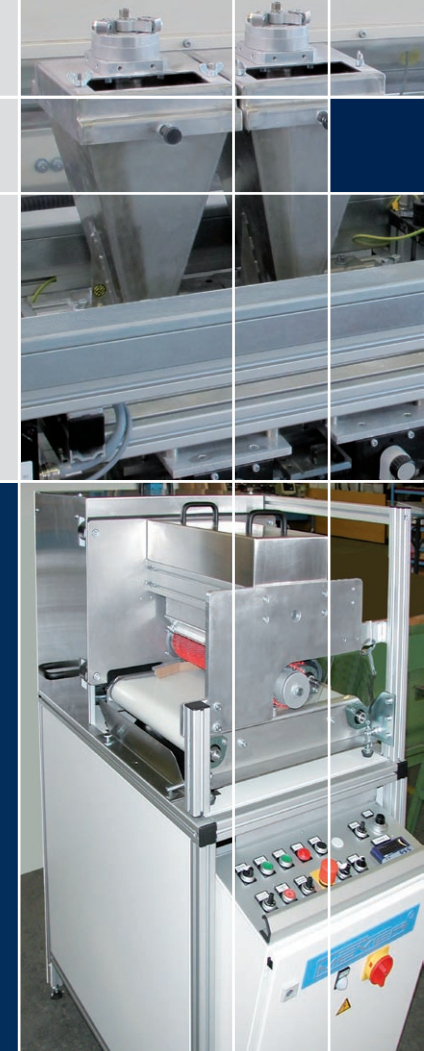
## Small system solution - modular add-ons

Using extension modules for laminating machine, IR heating fields as well as roll-off devices and winders makes it a complete laminating / coating line.

Our small powder scatter can either be used integrated into a whole line or as stand-alone version. The know-how of our big powder scatters has been integrated in its design.



Technical Data:	PST
Width (mm)	400 or 600
Scattering roller ø (mm)	90
Brush unit	oscillating or rotating
Filling	manual or automatic
Scattering width	infinitely adjustable
Scattering quantity	infinitely adjustable, synchronous with line speed



# COMPETENCE CENTER

In our well equipped Competence Center, all relevant parameters to achieve the perfect customer solution can be worked out together with our engineers. On site, we will find the ideal solution together – let's bond!

Experience customer value



Illustrations might show special features

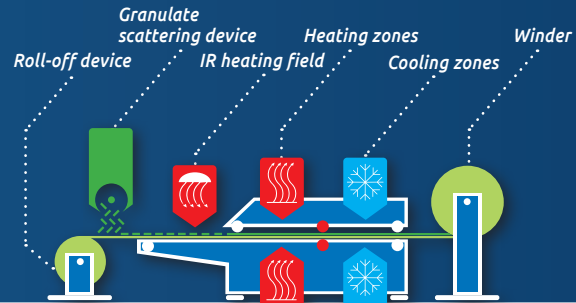




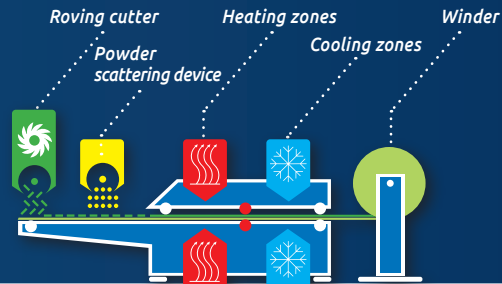
With the right system for success



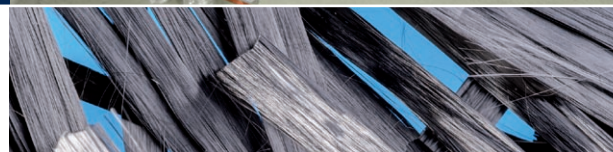
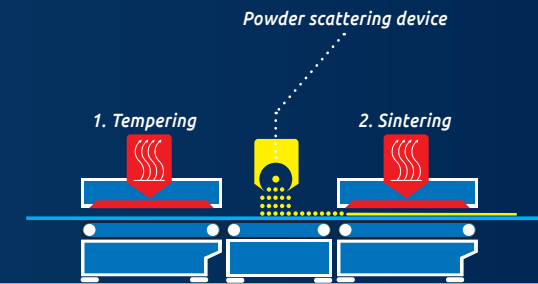
## Thermo lamination of granulates



## Thermo lamination (cut glass fibers)



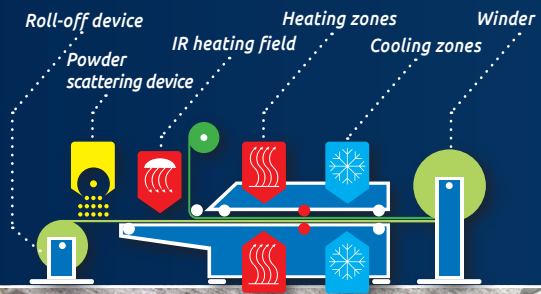
## Tempering and Sintering



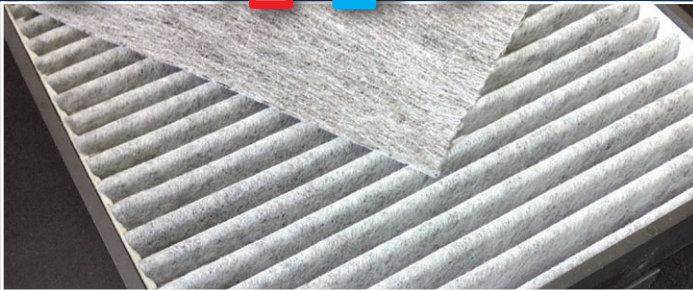
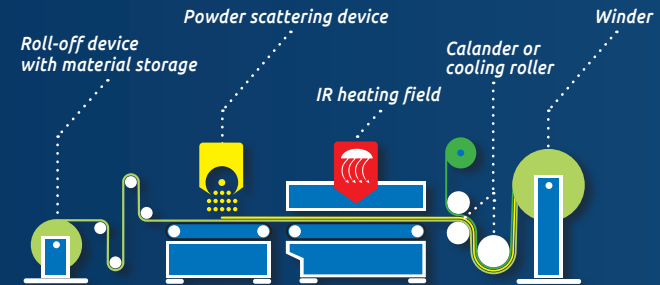




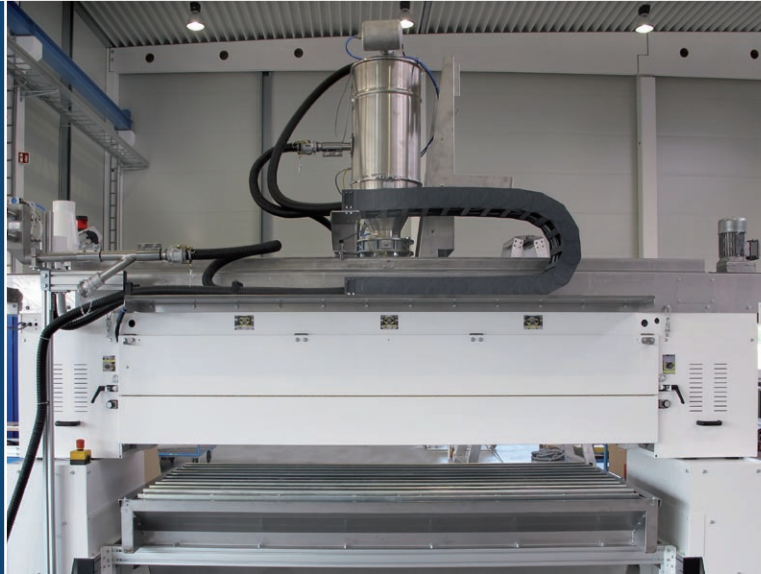
## Powder lamination



## Powder coating with calander



*Automatic filling*

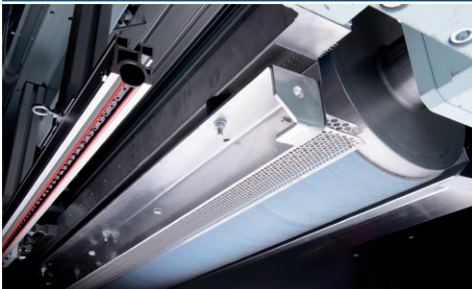


*SIEMENS S7 control with Touch Panel*

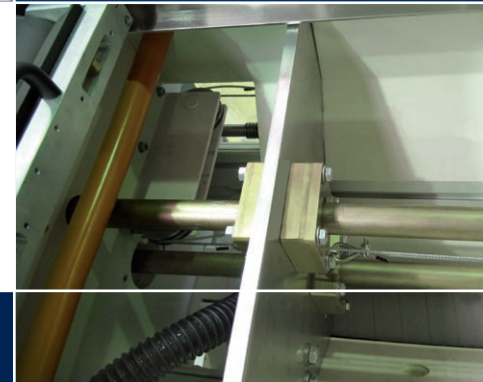
Our in-house developed modules and optional components increase the safety, economic efficiency and relieve the operator as far as possible. It is our goal to develop together with you, the ideal and most efficient configuration for your scattering application. We take pleasure in comprehensively advising you – just let us know your preferences.



*Automatic filling device for powder scatter*



*Ionizing device*



*Motorized scattering width adjustment*





Rotating  
brush roller

## Modules for more efficiency and cost effectiveness



Respirable dust extraction system



Manual height  
adjustment



Base frame with bar

### Options (without illustrations):

Powder collecting pan	cleansing slider or vibratory device
Height adjustment	manual or motorized
Centric scattering width adjustment	manual or motorized
Cleansing roller	rotating
Stairs	with passage gallery
Base frames	conveyor belt, rollers, rails, bars





MASCHINENFABRIK HERBERT MEYER GMBH

System solutions for bonding technique for

- **Garment industry**
- **Textile industry** (textile lamination, powder coating...)
- **Technical textiles** (powder coating, impregnation...)
- **Automotive interior and acoustics**
- **Composites** (honeycomb sandwich sheets, fiber reinforced composites...)
- **Medical** (consolidate, calibrate, membrane foil coating...)

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www.meyer-machines.com

Together we are able to configure your ideal machine concept during free initial trials. Visit our **Competence Center**.

We look forward to the challenge.

