



**Pouch Packaging for Seeds:
Highest Quality from the
Global Market Leader.**



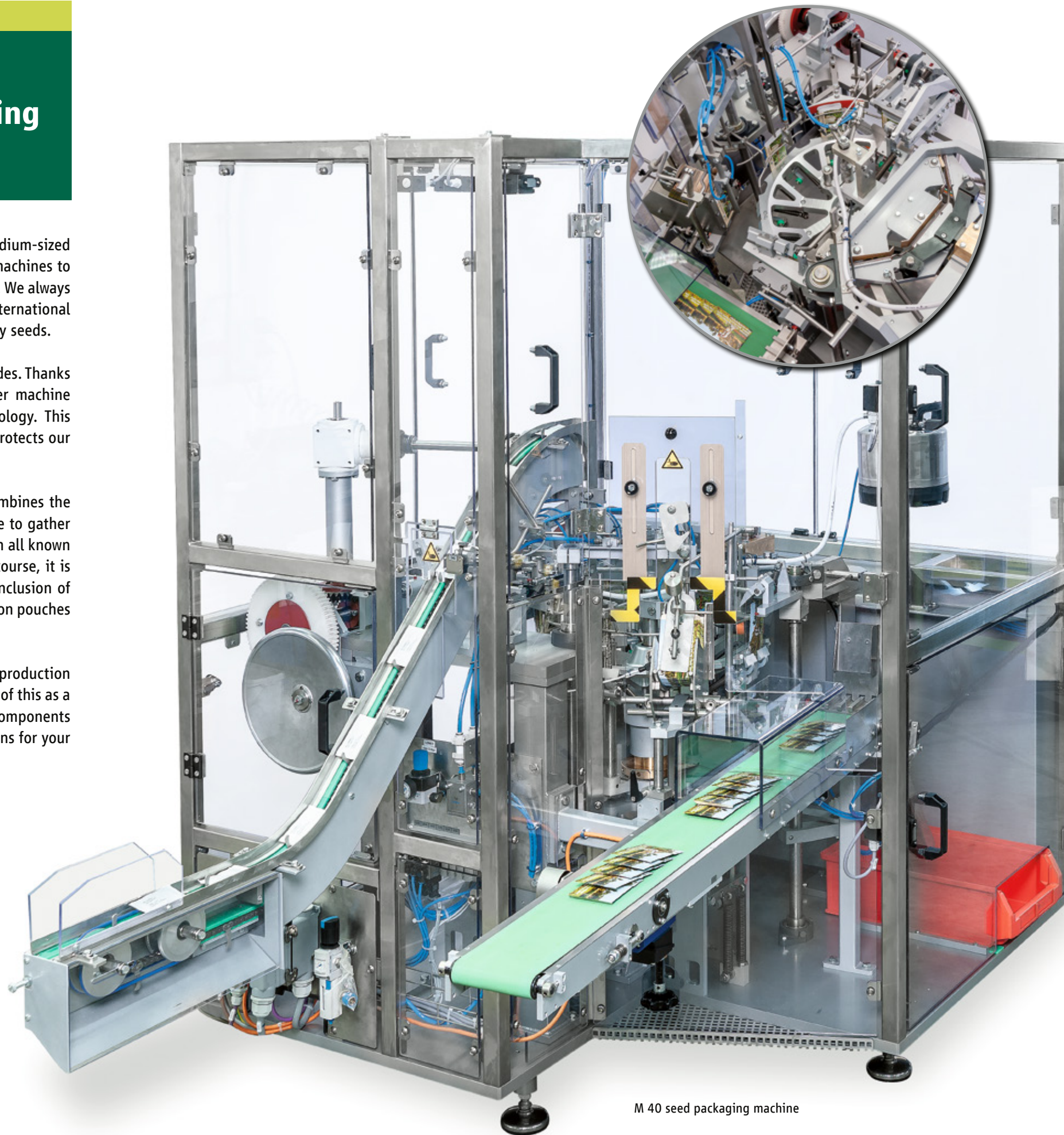
Because every Grain counts: SN Seed Packaging Machines.

For over half a century, we as an owner-managed, medium-sized company have successfully developed pouch packaging machines to carefully and perfectly package seeds, a sensitive product. We always keep an eye on the economic needs of our national and international customers, in particular the manufacturers of high-quality seeds.

Our machines perform their service reliably for many decades. Thanks to their robust construction, we can also refurbish older machine models and upgrade them to the latest state of technology. This ensures their performance capability for the future and protects our customers' investment for many years.

The development of our new M 40 packaging system combines the many years of intense experience that we have been able to gather with the seed industry. This machine can be equipped with all known dosing devices as well as with future developments. Of course, it is also prepared for the integration of extras such as the inclusion of insertable supplements, encoders and germinate-protection pouches as well as for the packaging of seed tapes.

Consulting, individual project handling, development, production and service: SN German Pouch-Pack Technology offers all of this as a one-stop shop. The high production depth of almost all components at our site in Wipperfuerth guarantees tailormade solutions for your special requirements.



M 40 seed packaging machine



Chip coding



Insertable supplements



Germinate-protection sachet



Seed tape

SN Solutions for your individual Needs.

We offer maximum flexibility for your individual needs with a broad machine range for seed packing of five different machine types. Whether you want to package seeds in traditional or innovative sachets – SN makes it possible.

The vertically operating FBV sealing machine is ideal for the production of germinate-protection sachets. This can be combined with an automated connection to one of the many insertion machines, e.g. for paper sachets.

The M 40 and FM 1 machine series work with paper sachets and sealable foil sachets. Pre-made sachets can be filled from the magazine and sealed. Alternatively, sachets can also be manufactured directly from a roll of sealable film and filled with seeds.

Additional equipment options include a cluster device on the outlet conveyor, a downstream bundle packer, and of course many more individual options.



FM 1 FS



FBM D2



FM 1 Duplex



MK 3 seed filling machine

FBV germinate-protection sachet manufacturing machine with dosing-device

BP bundle packer



Seed Packing Machines

Model	Type	Output quantity*	Execution
FBV 120	vertical form-fill-seal machine	up to 90 sachets / min. (from roll)	Simplex
FM 1	horizontal form-fill-seal machine	up to 240 sachets / min. (from roll)	Simplex / Duplex
FM 1 FS	horizontal fill-seal machine	up to 80 sachets / min. (pre-made)	Simplex
FM 1 Combi FFS / FS	horizontal form-fill-seal machine horizontal fill-seal machine	up to 240 sachets / min. (from roll) up to 60 sachets / min. (pre-made)	Simplex / Duplex
M 40	horizontal fill-seal machine	up to 85 sachets / min. (pre-made)	Simplex
MK 3 / MK 4 (refurbished)	horizontal fill-seal machine	up to 80 sachets / min. (pre-made)	Simplex

* depending on filling good properties and pouch size

Precision, Grain by Grain: SN Dosing Units.

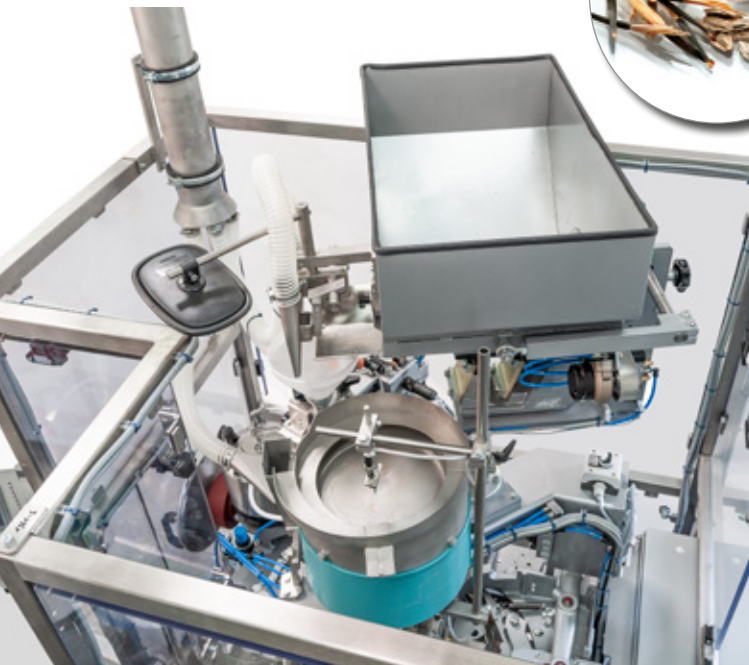
We offer the ideal dosing solution for every seed-type. Especially when it comes to the filling of seeds, the focus is on dosage units that can provide exceptional product protection and absolute dosing accuracy. All SN dosing units can be integrated or alternatively configured as stand-alone models. On request, we can also integrate special dosing solutions offered by other machine providers.



KD 1 piston dosing unit



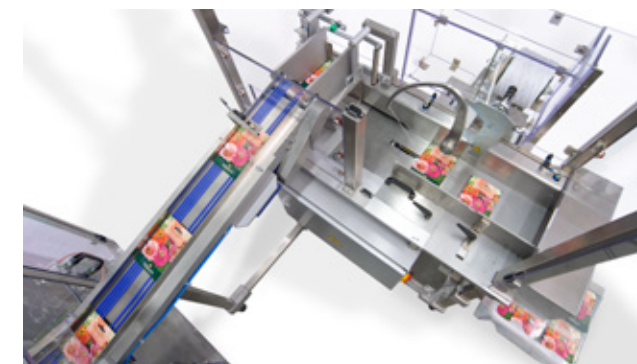
HZG high-performance counting device



RTV bowl feeder dosing unit



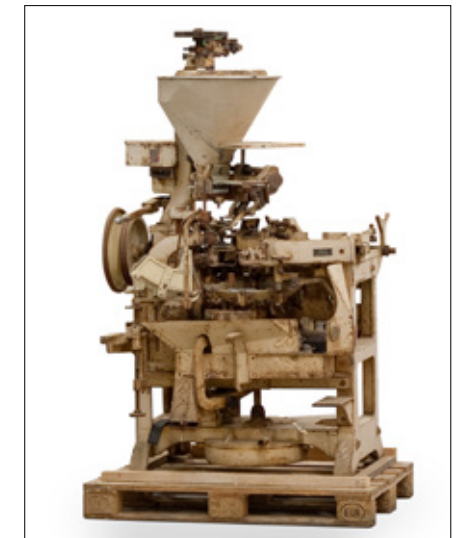
MD 2 micro-dosing unit



BP bundle packer

Complete Overhaul in SN Quality.

Aside from new machines, we also offer complete overhauls of existing machines (Höller, Westdickenberg, Bosch, Laudenberg). This means that your production will catch up to the latest standard of technology.



An old machine

.... is good as new! Completely overhauled MK 4.



Dosing Devices

Model	Type	Material to be filled	Special Characteristics
EZG 1 / HZG	Individual grain counting device	For example, cucumber or tomato seeds	Up to 3 devices can be combined to form a HZG
RTV	Bowl feeder vibrator	Unwieldy seeds, e.g. marigold	Available in combination with feeding device
MD 2	Micro-dosing unit	For flexible use	3 exchangeable pistons possible in: 0.4 - 0.61 ccm / 0.1 - 1.8 ccm / 0.31 - 10.05 ccm*
KD 1	Piston dosing unit	Legumes, e.g. peas, beans	Exchangeable pistons possible in: 2.5 - 380 ccm

* Special sizes on request

Additional Equipment

Model	Type	Capacity
BP	Bundle packer	up to 100 pouches / min.
SEZ	Insertable supplement	up to 80 pouches / min.
	Magnet strip supplement	up to 80 pouches / min.
	Coding chip	up to 100 pouches / min.
STA	Collector	up to 100 pouches / min.



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