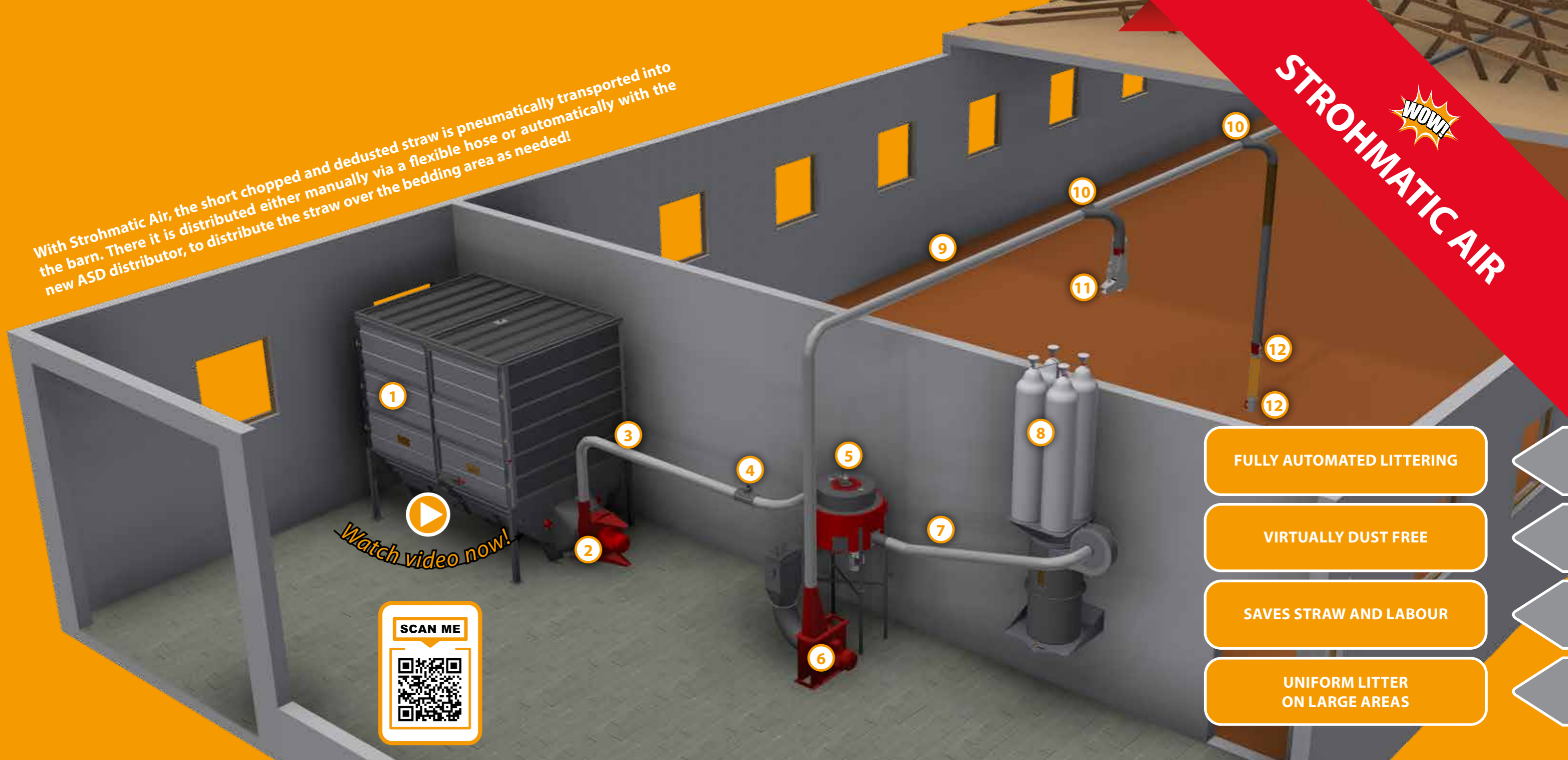


With Strohmatic Air, the short chopped and dedusted straw is pneumatically transported into the barn. There it is distributed either manually via a flexible hose or automatically with the new ASD distributor, to distribute the straw over the bedding area as needed!

**WOW!**  
**STROHMATIC AIR**



- FULLY AUTOMATED LITTERING
- VIRTUALLY DUST FREE
- SAVES STRAW AND LABOUR
- UNIFORM LITTER ON LARGE AREAS

**STROHMATIC AIR: AUTOMATED LITTERING SYSTEM**

- |   |  |
|---|--|
| <b>1</b> Bale breaker for large square or round bales | <b>4</b> Spark detection                       |
| <b>2</b> Straw mill                                   | <b>5</b> Transfer unit with fill level control |
| <b>3</b> Blow pipe                                    | <b>6</b> Suction pipe                          |

**STROHMATIC AIR: THE PERFECT SOLUTION FOR YOUR POULTRY BARN**

- |                            |   |
|----------------------------|---|
| <b>7</b> Extraction pipe   | <b>10</b> Diverter (electric or manual) |
| <b>8</b> Extraction        | <b>11</b> Automatic straw distributor   |
| <b>9</b> Blow line in barn | <b>12</b> Coupling with littering hose  |



LITTERING OF LYING AREAS

**STROHMATIC AIR COMPONENTS**



Manual littering with litter hose

Transfer unit with suction pipe and diverter

LITTERING SYSTEM FOR POULTRY-, CATTLE- OR PIG BARN

**Main fan & auxiliary fan:**

- **Dedusted straw** is transported by a screw from the transfer unit into the main fan.
- The straw is blown into the barn by the main blower and, in the case of **longer pipes**, also by additional blowers.

**Manual littering with bedding hose:**

- The straw in the blowing pipes is blown to the desired distribution point by **automatically or manually adjusting the pipe deflectors**.
- A litter hose can now be coupled to this and the straw distributed in a targeted manner.

**Automatic littering with Strohmatic Air ASD distributor:**

- Straw is blown to the desired distribution point by **automatic tube diverters**.
- There, the straw is distributed evenly over a wide area for an adjustable amount of time by the Strohmatic Air ASD distributor.
- Each distributor has an individually adjustable spreading duration (quantity) and spreading angle.
- This way, area by area and barn by barn are littered fully automatically.



Before



After



Strohmatic Air ASD

**STROHMATIC AIR DESCRIPTION**



Bale breaker & transfer unit with suction pipe

STROHMATIC AIR ASD - LITTER (LYING) SURFACES AUTOMATICALLY

**Strohmatic Air ASD inspires!**

Our customers are already enthusiastic about the semi-automatic Strohmatic Air bedding system: The bale breaker automatically breaks up round or square bales and the loose straw is chopped rapidly. Before being transferred to the pneumatic „Air“ distribution system, the chopped straw is particularly well dedusted (80 % dust reduction). This also reduces dust emissions. Until now, the chopped straw was distributed manually in the barn through a flexible hose.

The new, automatic and rotating straw distributor **ASD – Automatic**

**Straw Distribution** (patent pending) is an intelligent and particularly labour-efficient new development that allows the entire bedding process to run fully automatically. The maximum distribution radius extends to 8 m per distributor, the maximum delivery rate up to 700 kg/hour. The Strohmatic Air ASD is controlled by a new, improved and online accessible control unit and distributes the desired amounts of straw at defined times. This eliminates the need for manual distribution. Duck, turkey or other straw barns (cattle, pigs, sheep, goats,...) can be automatically littered with small quantities several times a day, saving straw and reducing dust.

In the cattle sector, for deep stalls or pedal manure stalls as well as for large pen stalls for pigs, this clean and safe method is an enormous help.

ASD with automatic straw distribution significantly promotes animal welfare, reduces any hazards from entering the pens in the animal area and reduces energy and labour input to a minimum.

**Strohmatic Air ASD with automatic straw distribution is revolutionary!**



INNOVATION AWARD  
**EuroTier**  
SILVER MEDAL

