



CONVAERO & BACKHUS CON Series

 **Eggersmann**

Biological
Drying



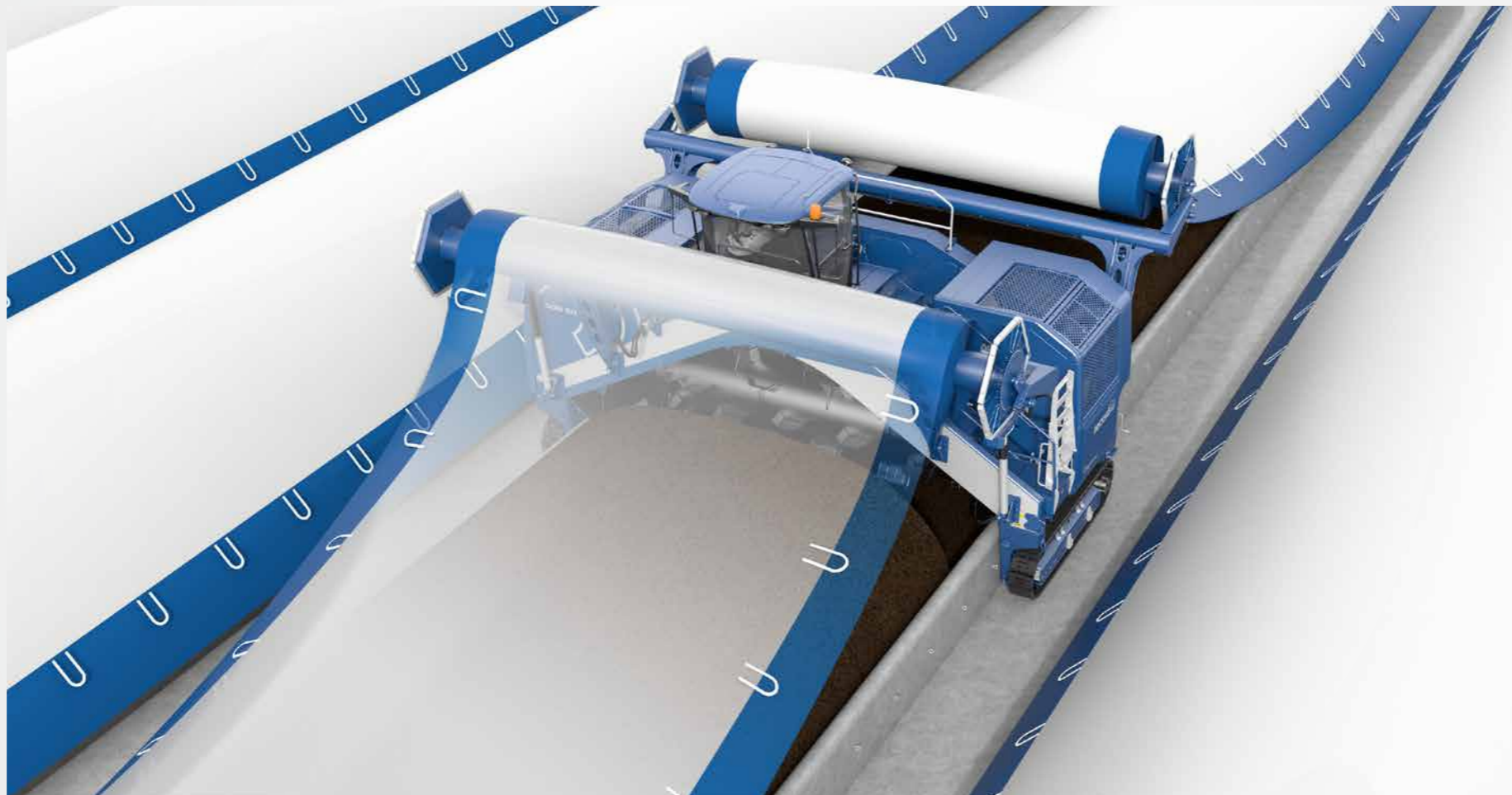
Composting



- Enclosed
- Odour Control
- MSW and Organic Waste
- Suitable for Sludges & very wet Waste



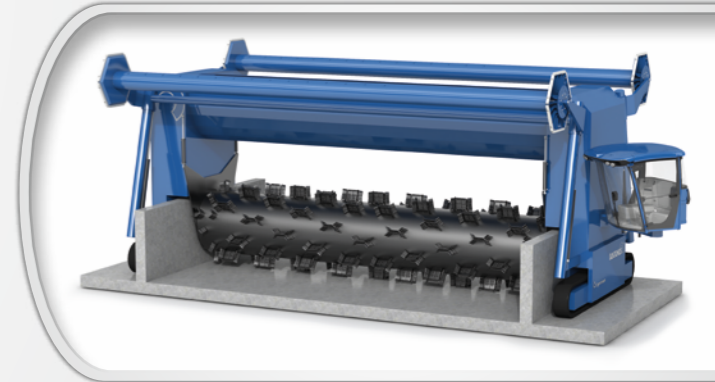
- Affordable
- Low Energy Consumption
- Low Maintenance Cost
- Easy to Operate



25% more capacity than windrow with
the same site footprint and same height.

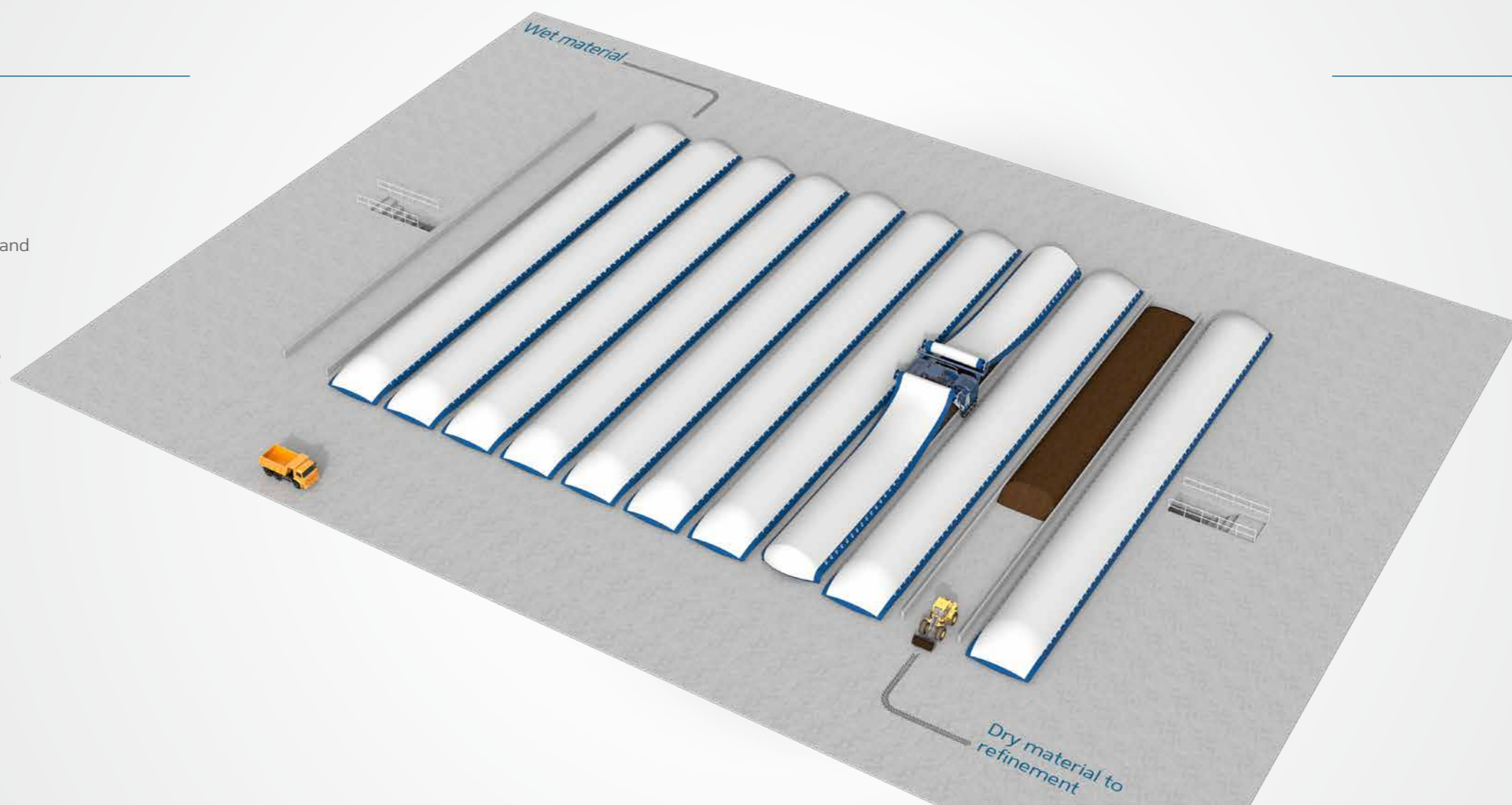
AVAILABLE AS:

BACKHUS CON 60 for lane width 6.0 m
BACKHUS CON 80 for lane width 8.0 m
BACKHUS CON 100 for lane width 10.0 m



Traffic Flow

- Efficient workflow on site, no traffic congestion
- Wheel loader only for material input and output
- Turning by reliable BACKHUS Turner
- Wheel loader driving distance can be reduced to minimum by using trucks or conveyor for material transport



A LANE WITH THE MEASUREMENT OF:

Length 100.0 m
Width 6.0 m
Height 3.0 m

PROVIDES:

Volume of 1,585 m³
Capacity up to 870 ton

TURNING TIME: approx. 45 minutes
per lane

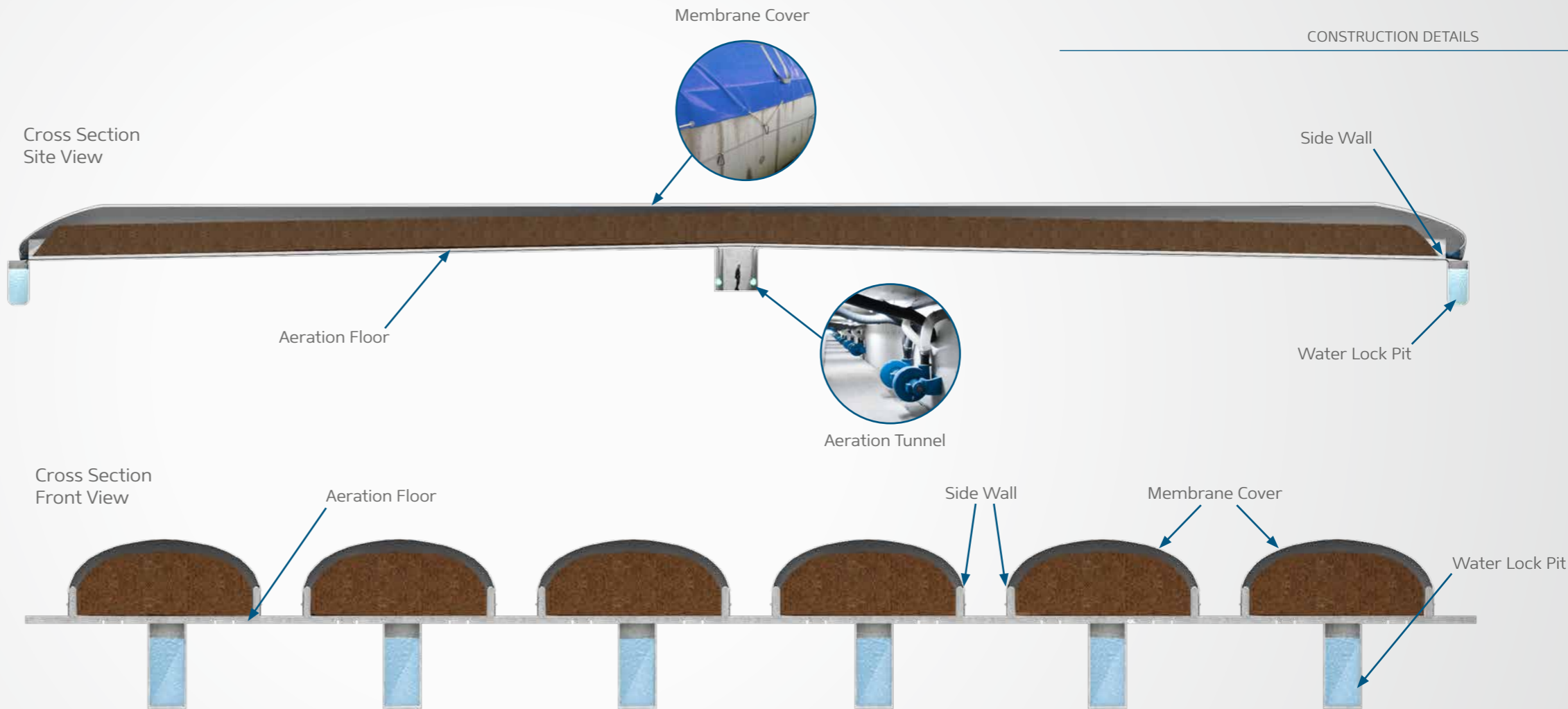
SPACE EFFICIENCY UP TO:
INCLUDING ALL MANOEUVERING AREAS:

BACKHUS CON 60: 1.4 m³/m²
BACKHUS CON 80: 1.6 m³/m²
BACKHUS CON 100: 1.7 m³/m²

TURNING EFFICIENCY UP TO:

BACKHUS CON 60: 4,000 m³/h
BACKHUS CON 80: 6,000 m³/h
BACKHUS CON 100: 7,500 m³/h

- All equipment underground => Equipment is protected against accident and weather impact.
- Few infrastructure required, eg. one power point for the entire system



The system is future-proof:

- Flexible to cope with varying input material and characteristics
 - The system is in modular design, site expansion can be carried out without interrupting the process
 - BACKHUS Turner serves also as a mixer for sludge with organic waste or other feedstocks
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- The site operation is almost fully enclosed despite very frequent turning of material.
 - Waste water-free operation is possible
 - Input material with high moisture content up to 70% can be processed with this solution
 - Digestate and Sewage Sludge can be treated when bulking agent is added

Press water, surface water and roof water from membrane covers can be collected separately

- Press water can be recycled as sprinkle water during turning of materials
- Surface water from driveways directed to retention pond and optional further treatment
- Roof water from membrane covers drains into retention pond and subsequently discharge



Municipal Waste:
Composting / Biological Drying



Green Waste: Composting



Organic Waste: Composting



Sewage Sludge, Digestate, POME*:
Composting / Biological Drying



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Find us on



1. All specifications, descriptions and illustrations are subject to change without prior notice.
2. Illustrations and descriptions may include options that are not part of the standard equipment.