ASPHALT MIXING PLANTS

PRODUCT RANGE
Trendsetter for the highest demands.
State of the art! This is an approach that BENNINGHOVEN has followed for over a century. Through consistent further development, growing from a trade workshop to a globally active company, BENNINGHOVEN is a trendsetter in the field of asphalt mixing plants today. The opening of the world’s most modern factory for asphalt mixing plants in summer 2018 was another milestone in our successful history. This allows us to offer our customers the best possible solutions when it comes to producing the highest quality asphalt in an economical process.

BENNINGHOVEN GmbH & Co. KG is a member of the expanding, worldwide active WIRTGEN GROUP which has been part of John Deere since late 2017.
Pioneering.
THE NEW MAIN BENNINGHOVEN FACTORY IN WITTLICH

With the opening of the new main factory in Wittlich in summer 2018, BENNINGHOVEN is perfectly positioned and ready for the future.

The world’s largest and most modern factory for manufacturing asphalt mixing plants offers optimum conditions for production at the highest level.

The production is structured according to the flow of materials and precisely adapted to the plants thanks to the generous capacities. One crucial advantage is the positioning of the complete production chain under one roof – from pre-fabrication to dispatch.

Order-neutral pre-fabrication and the clever plant concept with modular components create a high level of flexibility in planning, achieving short delivery times and prompt start of assembly.

The factory is equipped with a range of advanced technologies and sets new standards for production technology. The innovative layered ventilation system, the intelligent lighting and energy concepts and the modern coating systems with solvent-free powder coating are some of the stand-out features. Another great focus was on work comfort, health and safety, emissions protection and a good work climate.

FACTS AND FIGURES

+ 313,000 m² site area
+ 46,000 m² production site
+ 12,000 m² administration building
+ €130 million investment volume
+ 750 employees
BENNINGHOVEN manufactures premium mixing plants thanks to production equipment for maximum precision.
It’s all in the mix.

BENNINGHOVEN ASPHALT MIXING PLANTS

ECO
Transportable asphalt mixing plants with transport-optimised container dimensions
> ECO 1250
> ECO 2000
> ECO 3000
> ECO 4000

TBA
Transportable asphalt mixing plants
> TBA 2000
> TBA 3000
> TBA 4000

> PAGE 08
> PAGE 16
Stationary asphalt mixing plants

BA

> BA 3000
> BA 4000
> BA 5000

Stationary asphalt mixing plants
with hot gas generator

BA RPP

> BA-RPP 4000
> BA-RPP 5000
Plant type ECO

TRANSPORTABLE ASPHALT MIXING PLANTS WITH TRANSPORT-OPTIMISED CONTAINER DIMENSIONS
The ECO plant type offers an impressive demonstration of the new BENNINGHOVEN product philosophy.

**Perfectly positioned at all times**

The powerful ECO plants guarantee optimum quality of the mixed materials and can be operated as stationary systems, but can also handle rapid location changes without problems.

The transport-optimised container system allows easy and fast loading, transport, storage and unloading of goods. The transport-optimised shape and size allows transporting of goods using worldwide standardised and readily available transport means and therefore fast turnaround times.

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**COMPETITIVE ADVANTAGE THANKS TO INTELLIGENT LOGISTICS**

**TRANSPORT CONCEPT**
- Main components in transport-optimized container dimensions
- Simplified, cost-efficient transport worldwide
- Fast assembly (installation and dismantling)
- Modular expansion possible
- Transportable or stationary foundations – rapid implementation
- Pre-configured interfaces

**PLUG & WORK**
- Wide range of mixing capacities
  - 100 - 320 t/h
  - Loading silo capacity 325 t in up to 7 bins
- Cold recycling up to 30 %
- Middle ring dosing system 25 %
- Dosing system into the mixer 30 %
- Retrofitting possible at any time

**RECYCLING**
- Ergonomics concept
- Health and safety
- Maintenance concept
## Plant Overview ECO
### Basic Models

### > ECO 1250

<table>
<thead>
<tr>
<th>TECHNICAL DATA</th>
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<tbody>
<tr>
<td>Hot elevator</td>
<td>90 t/h</td>
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<tr>
<td>Screen</td>
<td>90 t/h</td>
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<td>Screening</td>
<td>4 - 5 deck</td>
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<td>100 t/h</td>
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<tr>
<td>Clearance height</td>
<td>4,000 mm</td>
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### > ECO 2000 / 3000 / 4000

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<tr>
<td>Hot elevator</td>
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<td>Screening (4-deck)</td>
<td>160 / 200 / 240 t/h</td>
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<tr>
<td>Screening (5-deck)</td>
<td>160 / 220 / 270 t/h</td>
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<tr>
<td>Hot bin capacity</td>
<td>17 / 55 t</td>
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<td>Hot bins</td>
<td>4 / 5 / 6</td>
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<tr>
<td>Mixer</td>
<td>2 - 4 t</td>
</tr>
<tr>
<td>Mixing capacity</td>
<td>160 - 320 t/h</td>
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<tr>
<td>Clearance height</td>
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</table>

Load class: Stationary concrete foundations – LC III
Mobile steel foundations – LC I
Plant Overview ECO

Extensions

> ECO 2000 / 3000 / 4000

TECHNICAL DATA

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Tower height depending on load class LC I - LC III

Load class: Stationary concrete foundations – LC II
Mobile steels foundations – LC I

Load class: Stationary concrete foundations – LC I
Mobile steels foundations – on request
Mixed material storage silo capacity
2 x 26 t, 1 x 8 t Direct loading, Skip track

Stationary concrete foundations – LC II
Mobile steel foundations – LC I

Mixed material storage silo capacity
2 x 30 t (next to the mixing tower) 1 x 8 t Direct loading

Stationary concrete foundations – LC II
Mobile steel foundations – LC I

Mixed material storage silo capacity
2 x 26 t, 1 x 8 t Direct loading

Stationary concrete foundations – LC II
Mobile steel foundations – on request

> Silos horizontally extendable

max. +26,200

Mixed material storage silo capacity
2 x 26 t, 1 x 8 t Direct loading, Skip track

Stationary concrete foundations – LC I
Mobile steel foundations – on request

Mixed material storage silo capacity
2 x 30 t (next to the mixing tower) 1 x 8 t Direct loading

Stationary concrete foundations – LC I
Mobile steel foundations – on request

Mixed material storage silo capacity
2 x 26 t, 2 x 30 t (next to the mixing tower) 1 x 8 t Direct loading

Stationary concrete foundations – LC I
Mobile steel foundations – on request

max. +28,800

Mixed material storage silo capacity
2 x 26 t, 1 x 8 t Direct loading, Skip track

Stationary concrete foundations – LC I
Mobile steel foundations – on request

Mixed material storage silo capacity
2 x 30 t (next to the mixing tower) 1 x 8 t Direct loading

Stationary concrete foundations – LC I
Mobile steel foundations – on request

Mixed material storage silo capacity
2 x 26 t, 2 x 30 t (next to the mixing tower) 1 x 8 t Direct loading

Stationary concrete foundations – LC I
Mobile steel foundations – on request

max. +180,000

Mixed material storage silo capacity
4 x 30 t (next to the mixing tower) 1 x 8 t Direct loading

Stationary concrete foundations – LC I
Mobile steel foundations – on request
Plant Overview ECO

TECHNICAL DATA

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</tbody>
</table>

Tower height depending on load class LC I - LC III
PLANT OVERVIEW ECO

> Silos horizontally and vertically extendable

Max. +28,800

109 t
Mixed material storage silo capacity
2 x 48 t
1 x 13 t Direct loading
Skip track

Max. +31,400

217 t
Mixed material storage silo capacity
2 x 48 t
2 x 54 t (next to the mixing tower)
1 x 13 t Direct loading

325 t
Mixed material storage silo capacity
2 x 48 t
4 x 54 t (next to the mixing tower)
1 x 13 t Direct loading

Stationary concrete foundations – LC I
Mobile steel foundations – on request

Stationary concrete foundations – LC I
Mobile steel foundations – on request

Stationary concrete foundations – LC I
Mobile steel foundations – on request

Stationary concrete foundations – on request
Mobile steel foundations – on request

Stationary concrete foundations – on request
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Mobile steel foundations – on request

Stationary concrete foundations – on request
Mobile steel foundations – on request
Plant type TBA

TRANSPORTABLE ASPHALT MIXING PLANTS
The TBA plant type is the BENNINGHOVEN benchmark for a well thought-out asphalt mixing plant with the highest quality standard.

**Optimum configuration from the start**

The powerful TBA plants guarantee optimum quality of the asphaltic mixture and can be operated as stationary systems, but can also handle rapid location changes without problems.

The large storage capacities of the hot bin section and mixed material loading silo offer real added value. The TBA plants are also equipped with “RECYCLING+” and feature a particularly high recycling addition rate of up to 80% – an absolutely unique selling point in the segment of mobile asphalt mixing plants.

**COMPETITIVE ADVANTAGE FROM VERSATILITY**

- Wide range of mixing capacities
  - 160 - 320 t/h
- Hot bin section capacity 60/80/130 t in up to 7 bins
- Loading silo capacity 517 t in up to 7 bins
- Cold recycling up to 40%
- Hot recycling up to 80%
- NEW – recycling drum using counter-flow action with a hot-gas generator
- Retrofitting possible at any time

- Fast assembly (installation and dismantling)
- Modular expansion possible
- Transportable or stationary foundations – rapid implementation
- Pre-configured interfaces
- Ergonomics concept
- Health and safety
- Maintenance concept

**PLUG & WORK**

**HIGH-TECH PLANT POWER**

**RECYCLING+**

**OPERATOR BENEFIT**

**UP TO**

320 t

**PER HOUR**

**ECO-FRIENDLY:**

Cges < 50 mg/Nm³
# Plant Overview TBA

## Basic Models

### TBA 2000 / 3000

<table>
<thead>
<tr>
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<tr>
<td>Hot elevator</td>
<td>145 - 220 t/h</td>
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<td>Screen</td>
<td>160 - 240 t/h</td>
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<td>Screening</td>
<td>5 - 6 deck</td>
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<tr>
<td>Hot bin capacity</td>
<td>60/80/130 t/h</td>
<td></td>
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<tr>
<td>Hot bins</td>
<td>5/6/7</td>
<td></td>
</tr>
<tr>
<td>Mixer</td>
<td>2 - 3 t</td>
<td></td>
</tr>
<tr>
<td>Mixing capacity</td>
<td>160 - 240 t/h</td>
<td></td>
</tr>
<tr>
<td>Clearance height</td>
<td>4,200 mm</td>
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</table>

**Load class:**
- Stationary concrete foundations – LC III
- Mobile steel foundations – LC I

**Mixed material storage silo capacity:**
- 0 t
- 42 t

**Max.:**
- +20,500
- +21,300
- +23,500
- +23,800
- +24,600
- +26,800
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<tr>
<td>Screening (5-deck)</td>
<td>6 deck</td>
<td></td>
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<tr>
<td>Hot bin capacity</td>
<td>80 t/h</td>
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<td>Hot bins</td>
<td>6/7</td>
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<td>Mixing capacity</td>
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**> TBA 4000**

**60 t**
- Hot bin section: max. +20,500
- Mixed material storage silo capacity: 42 t
- Load class: Stationary concrete foundations - LC III, Mobile steel foundations - LC I

**80 t**
- Hot bin section: max. +21,300
- Mixed material storage silo capacity: 42 t
- Load class: Stationary concrete foundations - LC III, Mobile steel foundations - LC I

**130 t**
- Hot bin section: max. +23,500
- Mixed material storage silo capacity: 42 t
- Load class: Stationary concrete foundations - LC II, Mobile steel foundations - LC I
Plant Overview TBA
Extensions

> TBA 2000 / 3000

**TECHNICAL DATA**

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<tr>
<td>Screening</td>
<td>5 - 6 deck</td>
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<td>Hot bin capacity</td>
<td>60 / 80 / 1130 t/h</td>
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<tr>
<td>Hot bins</td>
<td>5 / 6 / 7</td>
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<td>Mixing capacity</td>
<td>160 - 240 t/h</td>
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<td>Clearance height</td>
<td>4,200 mm</td>
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</tbody>
</table>

**Load class:**
- Stationary concrete foundations - LC III
- Mobile steel foundations - LC I

**Mixed material storage silo capacity**
- 2 x 43 t
- 1 x 8 t (Direct loading)
- 1 x 3 t (Oversize aggregate)
**Mixed material storage silo capacity**

**Stationary concrete foundations – LC III**
Mobile steel foundations – LC I

- **2 x 43 t**
- **4 x 88 t** (next to the mixing tower)
- **4 x 50 t** (next to the mixing tower)
- **1 x 8 t** (Direct loading)
- **1 x 3 t** (Oversize aggregate)

**Max. +32,500 t**

**Stationary concrete foundations – LC III**
Mobile steel foundations – LC I

- **2 x 43 t**
- **4 x 88 t** (next to the mixing tower)
- **4 x 50 t** (next to the mixing tower)
- **1 x 8 t** (Direct loading)
- **1 x 3 t** (Oversize aggregate)

**Max. +31,700 t**

**Stationary concrete foundations – LC III**
Mobile steel foundations – LC I

- **2 x 43 t**
- **4 x 88 t** (next to the mixing tower)
- **4 x 50 t** (next to the mixing tower)
- **1 x 8 t** (Direct loading)
- **1 x 3 t** (Oversize aggregate)

**Max. +32,500 t**

**Stationary concrete foundations – LC III**
Mobile steel foundations – LC I

- **2 x 43 t**
- **4 x 88 t** (next to the mixing tower)
- **4 x 50 t** (next to the mixing tower)
- **1 x 8 t** (Direct loading)
- **1 x 3 t** (Oversize aggregate)

**Max. +31,700 t**

**Stationary concrete foundations – LC III**
Mobile steel foundations – LC I

- **2 x 43 t**
- **4 x 88 t** (next to the mixing tower)
- **4 x 50 t** (next to the mixing tower)
- **1 x 8 t** (Direct loading)
- **1 x 3 t** (Oversize aggregate)

**Max. +32,500 t**

**Stationary concrete foundations – LC III**
Mobile steel foundations – LC I

- **2 x 43 t**
- **4 x 88 t** (next to the mixing tower)
- **4 x 50 t** (next to the mixing tower)
- **1 x 8 t** (Direct loading)
- **1 x 3 t** (Oversize aggregate)

**Max. +31,700 t**

**Stationary concrete foundations – LC II**
Mobile steel foundations – LC I

- **2 x 43 t**
- **4 x 88 t** (next to the mixing tower)
- **4 x 50 t** (next to the mixing tower)
- **1 x 8 t** (Direct loading)
- **1 x 3 t** (Oversize aggregate)

**Max. +32,500 t**

**Stationary concrete foundations – LC III**
Mobile steel foundations – LC I

- **2 x 43 t**
- **4 x 88 t** (next to the mixing tower)
- **4 x 50 t** (next to the mixing tower)
- **1 x 8 t** (Direct loading)
- **1 x 3 t** (Oversize aggregate)

**Max. +31,700 t**

**Stationary concrete foundations – LC III**
Mobile steel foundations – LC I

- **2 x 43 t**
- **4 x 88 t** (next to the mixing tower)
- **4 x 50 t** (next to the mixing tower)
- **1 x 8 t** (Direct loading)
- **1 x 3 t** (Oversize aggregate)

**Max. +32,500 t**

**Stationary concrete foundations – LC III**
Mobile steel foundations – LC I

- **2 x 43 t**
- **4 x 88 t** (next to the mixing tower)
- **4 x 50 t** (next to the mixing tower)
- **1 x 8 t** (Direct loading)
- **1 x 3 t** (Oversize aggregate)

**Max. +31,700 t**

**Stationary concrete foundations – LC III**
Mobile steel foundations – LC I

- **2 x 43 t**
- **4 x 88 t** (next to the mixing tower)
- **4 x 50 t** (next to the mixing tower)
- **1 x 8 t** (Direct loading)
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**Max. +32,500 t**

**Stationary concrete foundations – LC III**
Mobile steel foundations – LC I

- **2 x 43 t**
- **4 x 88 t** (next to the mixing tower)
- **4 x 50 t** (next to the mixing tower)
- **1 x 8 t** (Direct loading)
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**Max. +31,700 t**

**Stationary concrete foundations – LC III**
Mobile steel foundations – LC I

- **2 x 43 t**
- **4 x 88 t** (next to the mixing tower)
- **4 x 50 t** (next to the mixing tower)
- **1 x 8 t** (Direct loading)
- **1 x 3 t** (Oversize aggregate)

**Max. +32,500 t**

**Stationary concrete foundations – LC III**
Mobile steel foundations – LC I

- **2 x 43 t**
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**Max. +32,500 t**

**Stationary concrete foundations – LC III**
Mobile steel foundations – LC I

- **2 x 43 t**
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**Max. +31,700 t**

**Stationary concrete foundations – LC III**
Mobile steel foundations – LC I

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**Max. +32,500 t**

**Stationary concrete foundations – LC III**
Mobile steel foundations – LC I

- **2 x 43 t**
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**Max. +31,700 t**

**Stationary concrete foundations – LC III**
Mobile steel foundations – LC I

- **2 x 43 t**
- **4 x 88 t** (next to the mixing tower)
- **4 x 50 t** (next to the mixing tower)
- **1 x 8 t** (Direct loading)
- **1 x 3 t** (Oversize aggregate)

**Max. +32,500 t**
Plant Overview TBA
Extensions

**> TBA 4000**

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<th>TECHNICAL DATA</th>
<th>60 t</th>
<th>80 t</th>
<th>130 t</th>
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<tr>
<td>Hot elevator</td>
<td>290 t/h</td>
<td>320 t/h</td>
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<td>320 t/h</td>
<td>320 t/h</td>
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<td>320 t/h</td>
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<td>Clearance height</td>
<td>4,200 mm</td>
<td>4,200 mm</td>
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</table>

- **Hot bin section**
  - 60 t
  - 80 t
  - 130 t

- **Mixed material storage silo capacity**
  - 94 t
  - 194 t

- **Load class**
  - Stationary concrete foundations – LC III
  - Mobile steel foundations – LC I

- **Max.**
  - +28,700
  - +29,500
  - +31,700
**Stationary concrete foundations – LC III**
**Mobile steel foundations – LC I**

- **Mixed material storage silo capacity**
  - 2 x 43 t
  - 4 x 50 t (next to the mixing tower)
  - 1 x 8 t (Direct loading)
  - 1 x 3 t (Oversize aggregate)

- **Stationary concrete foundations – LC III**
  - **Mobile steel foundations – LC I**

- **Mixed material storage silo capacity**
  - 2 x 76 t
  - 2 x 88 t (next to the mixing tower)
  - 1 x 13 t (Direct loading)
  - 1 x 5 t (Oversize aggregate)

- **Stationary concrete foundations – LC III**
  - **Mobile steel foundations – LC I**

- **Mixed material storage silo capacity**
  - 2 x 43 t
  - 4 x 50 t (next to the mixing tower)
  - 1 x 8 t (Direct loading)
  - 1 x 3 t (Oversize aggregate)

- **Stationary concrete foundations – LC III**
  - **Mobile steel foundations – LC I**

- **Mixed material storage silo capacity**
  - 2 x 76 t
  - 2 x 88 t (next to the mixing tower)
  - 1 x 13 t (Direct loading)
  - 1 x 5 t (Oversize aggregate)

- **Stationary concrete foundations – LC III**
  - **Mobile steel foundations – LC I**

- **Mixed material storage silo capacity**
  - 2 x 43 t
  - 4 x 50 t (next to the mixing tower)
  - 1 x 8 t (Direct loading)
  - 1 x 3 t (Oversize aggregate)

- **Stationary concrete foundations – LC III**
  - **Mobile steel foundations – LC I**

- **Mixed material storage silo capacity**
  - 2 x 76 t
  - 2 x 88 t (next to the mixing tower)
  - 1 x 13 t (Direct loading)
  - 1 x 5 t (Oversize aggregate)
Plant type BA/BA-RPP

STATIONARY ASPHALT MIXING PLANTS

Superlative.
The stationary plant type BA/BA-RPP is the flagship of the BENNINGHOVEN range.

Clearly defined position

The powerful plants of type BA/BA-RPP feature unlimited equipment options and a vast production capacity with optimum asphaltic mixture quality. They are always planned as a location concept and individually tailored to the customers’ economic requirements. BA/BA-RPP enables customers to secure the market and dominate it over many years.

The BA-RPP plants are equipped with “RECYCLING+” and feature a particularly high RAP addition rate of up to 90%. With the recycling drum using counterflow action with a hot-gas generator, BENNINGHOVEN offers an environmentally friendly, future-proof solution that is always a reliable investment.

With low emissions, the plant makes an effective contribution to energy efficiency, economic efficiency and active environmental protection.

COMPLIANCE GUARANTEED:
Technical Instructions on Air Quality Control (TA-LUFT)

COMPETITIVE ADVANTAGE THROUGH LOW EMISSIONS

- Recycling addition up to 90% (BA-RPP)
- Low environmental impact (emissions)
- Low energy consumption of the plant
- Output of the RAP plant 180 t/h, 220 t/h

HIGH-TECH PLANT POWER
- Wide range of mixing capacities 320 - 400 t/h
- Hot bin section capacity 170 - 320 t in up to 14 bins
- Loading silo capacity 355 - 1100 t in up to 11 bins

PLUG & WORK
- Location concept with flexible modular system
- Modular expansion possible
- Short project implementation periods
- Short installation periods

OPERATOR BENEFIT
- Spacious design
- Ergonomics concept
- Health and safety
- Maintenance concept
PLANT OVERVIEW BA

> Parallel installation mixed material storage silo

**TECHNICAL DATA**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
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<td>Hot elevator</td>
<td>220 - 360 t/h</td>
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<tr>
<td>Screen</td>
<td>240 - 400 t/h</td>
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<tr>
<td>Screening</td>
<td>6 deck</td>
</tr>
<tr>
<td>Mixer</td>
<td>3 - 5 t</td>
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<td>Mixing capacity</td>
<td>240 - 400 t/h</td>
</tr>
<tr>
<td>Clearance height</td>
<td>4,200 mm</td>
</tr>
</tbody>
</table>

**Mixed material storage silo capacity**

- 355 - 715 t
  - Mixed material storage silo capacity
    - 2 x 80 t + 15 t Direct loading + 2 x 90 t
  - Mixed material storage silo extensions
    - 2 x 90 t + 2 x 90 t

**Mixed material storage silo capacity**

- 440 - 880 t
  - Mixed material storage silo capacity
    - 2 x 100 t + 20 t Direct loading + 2 x 110 t
  - Mixed material storage silo extensions
    - 2 x 110 t + 2 x 110 t

> Row installation mixed material storage silo

**TECHNICAL DATA**

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**Mixed material storage silo capacity**

- 175 - 535 t
  - Mixed material storage silo capacity
    - 2 x 80 t + 15 t Direct loading
  - Mixed material storage silo extensions
    - 2 x 90 t + 2 x 90 t

**Mixed material storage silo capacity**

- 220 - 660 t
  - Mixed material storage silo capacity
    - 2 x 100 t + 20 t Direct loading
  - Mixed material storage silo extensions
    - 2 x 110 t + 2 x 110 t
### TECHNICAL DATA

#### BA-RPP 4000 / 5000 – RPP 180

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</tr>
<tr>
<td>Clearance height</td>
<td>4,200 mm</td>
</tr>
<tr>
<td>RAP elevator</td>
<td>180 t/h</td>
</tr>
<tr>
<td>Recycling drum</td>
<td>180 t/h</td>
</tr>
<tr>
<td>Hot gas generator</td>
<td>Typ 3-2</td>
</tr>
<tr>
<td>RAP silo capacity</td>
<td>2 x 30 t</td>
</tr>
<tr>
<td>RAP weigher</td>
<td>4 t</td>
</tr>
</tbody>
</table>

#### Performance recycling system 180 t/h - RAP-Silo 2 x 30 t (at 3 % material moisture)

- Mixed material storage silo capacity: 355 - 895 t
- Mixed material storage silo extensions: 2 x 80 t + 15 t Direct loading + 2 x 90 t
- Mixed material storage silo extensions: 2 x 90 t + 2 x 90 t + 2 x 90 t

#### Mixed material storage silo capacity

- Mixed material storage silo capacity: 355 - 895 t
- Mixed material storage silo extensions: 2 x 80 t + 15 t Direct loading + 2 x 90 t
- Mixed material storage silo extensions: 2 x 90 t + 2 x 90 t + 2 x 90 t

#### Mixed material storage silo extensions

- Mixed material storage silo extensions: 440 - 1100 t
- Mixed material storage silo extensions: 2 x 100 t + 20 t Direct loading + 2 x 110 t
- Mixed material storage silo extensions: 2 x 110 t + 2 x 110 t + 2 x 110 t

> Stationary foundations

* Representation with additional cold RAP system - Multivariable dosing system

---

#### BA-RPP 4000 / 5000 – RPP 220

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#### Performance recycling system 220 t/h - RAP-Silo 2 x 30 t (at 3 % material moisture)

- Mixed material storage silo capacity: 355 - 895 t
- Mixed material storage silo extensions: 2 x 80 t + 15 t Direct loading + 2 x 90 t
- Mixed material storage silo extensions: 2 x 90 t + 2 x 90 t + 2 x 90 t

#### Mixed material storage silo capacity

- Mixed material storage silo capacity: 355 - 895 t
- Mixed material storage silo extensions: 2 x 80 t + 15 t Direct loading + 2 x 90 t
- Mixed material storage silo extensions: 2 x 90 t + 2 x 90 t + 2 x 90 t

#### Mixed material storage silo extensions

- Mixed material storage silo extensions: 440 - 1100 t
- Mixed material storage silo extensions: 2 x 100 t + 20 t Direct loading + 2 x 110 t
- Mixed material storage silo extensions: 2 x 110 t + 2 x 110 t + 2 x 110 t

> Stationary foundations

* Representation with additional cold RAP system - Multivariable dosing system
## TECHNICAL DATA

### BA-RPP 4000 / 5000 - RPP 180

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<tr>
<td>RAP silo capacity</td>
<td>1 x 45 t</td>
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### Mixed material storage silo capacity

- **355 - 895 t**
  - Mixed material storage silo capacity
  - 2 x 80 t + 15 t Direct loading + 2 x 90 t
  - Mixed material storage silo extensions
    - 2 x 90 t + 2 x 90 t + 2 x 90 t

### Mixed material storage silo extensions

- **440 - 1100 t**
  - Mixed material storage silo capacity
    - 2 x 100 t + 20 t Direct loading + 2 x 110 t
  - Mixed material storage silo extensions
    - 2 x 110 t + 2 x 110 t + 2 x 110 t

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### Mixed material storage silo capacity

- **355 - 895 t**
  - Mixed material storage silo capacity
  - 2 x 80 t + 15 t Direct loading + 2 x 90 t
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### Mixed material storage silo extensions

- **440 - 1100 t**
  - Mixed material storage silo capacity
    - 2 x 100 t + 20 t Direct loading + 2 x 110 t
  - Mixed material storage silo extensions
    - 2 x 110 t + 2 x 110 t + 2 x 110 t

---

### Performance recycling system 180 t/h - RAP-Silo 1 x 45 t (at 3% material moisture)

- Stationary foundations
  * Representation with additional cold RAP system - Multivariable dosing system

### Performance recycling system 220 t/h - RAP-Silo 1 x 45 t (at 3% material moisture)

- Stationary foundations
  * Representation with additional cold RAP system - Multivariable dosing system
PLANT OVERVIEW BA-RPP

> Performance recycling system 180 t/h - RAP-Silo 2 x 40 t (at 3% material moisture)

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<tr>
<td>RAP silo capacity</td>
<td>2 x 40 t</td>
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> Performance recycling system 220 t/h - RAP-Silo 2 x 40 t (at 3% material moisture)

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PLANT OVERVIEW BA-RPP

PRODUCT RANGE | 33

170 t Hot bin section

170 t Hot bin section

170 t Hot bin section

170 t Hot bin section

270 t Hot bin section

270 t Hot bin section

270 t Hot bin section

270 t Hot bin section

195 t Hot bin section with rotary chute

195 t Hot bin section with rotary chute

195 t Hot bin section with rotary chute

195 t Hot bin section with rotary chute

320 t Hot bin section with rotary chute

320 t Hot bin section with rotary chute

320 t Hot bin section with rotary chute

320 t Hot bin section with rotary chute

max. +45,000

max. +45,700

max. +45,000

max. +45,700

max. +45,000

max. +45,700

max. +48,000

max. +48,700

max. +45,000

max. +45,700

max. +45,000

max. +45,700

max. +48,000

max. +48,700

max. +45,000

max. +45,700

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max. +48,000

max. +48,700
The best recipe: more than 100 years of experience.

BENNINGHOVEN CUSTOMER SUPPORT

Maximum customer focus

Our service does not only start when the order is signed or end with commissioning. The comprehensive customer support at BENNINGHOVEN already starts much earlier on in the preparation phase of a project.

Most importantly, this includes complete and competent support to help you find the best possible plant solution. We believe it is important to take into account technical as well as location-related requirements and to develop an appropriate logistics concept.

ENVIRONMENTAL REQUIREMENTS:

- Topography
- Industrial area/nature reserve
- Municipal restrictions
- Colours/housing

TECHNICAL SUPPORT:

- Troubleshooting
- Application consulting
- Training
- Operator days
- Spare parts
- Prevention and inspection
- Energy optimisation
- Retrofit

LOGISTICS CONCEPT:

- Logistics paths/infrastructure on plant and mixing station
- Ship and HGV loading
- Transport planning
- Links between transport and installation
- Approval process

PLANT TECHNOLOGY:

- Technical plant and operating descriptions
- Installation and layout plans
- Emissions measurement
- Safety devices
- Structural calculations
- Advice on current standards
Our local contacts in the sales and service companies provide comprehensive support for all issues and queries relating to our products.

Among other things, this includes diagnosis and technical support, ordering original spare parts and advice on using our products.

Rapid technical support is our top priority. We guarantee short response times and rapid solutions with a dense network of offices, their experienced service engineers and the additional support from our head factory.