A WIRTGEN GROUP COMPANY

BENNINGHOVEN

ASPHALT MIXING PLANTS

PRODUCT RANGE

BAUMA VERSION

HIGHEST QUALITY
STATE OF THE ART

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.

BENNINGHOVEN GMBH & CO. KG

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

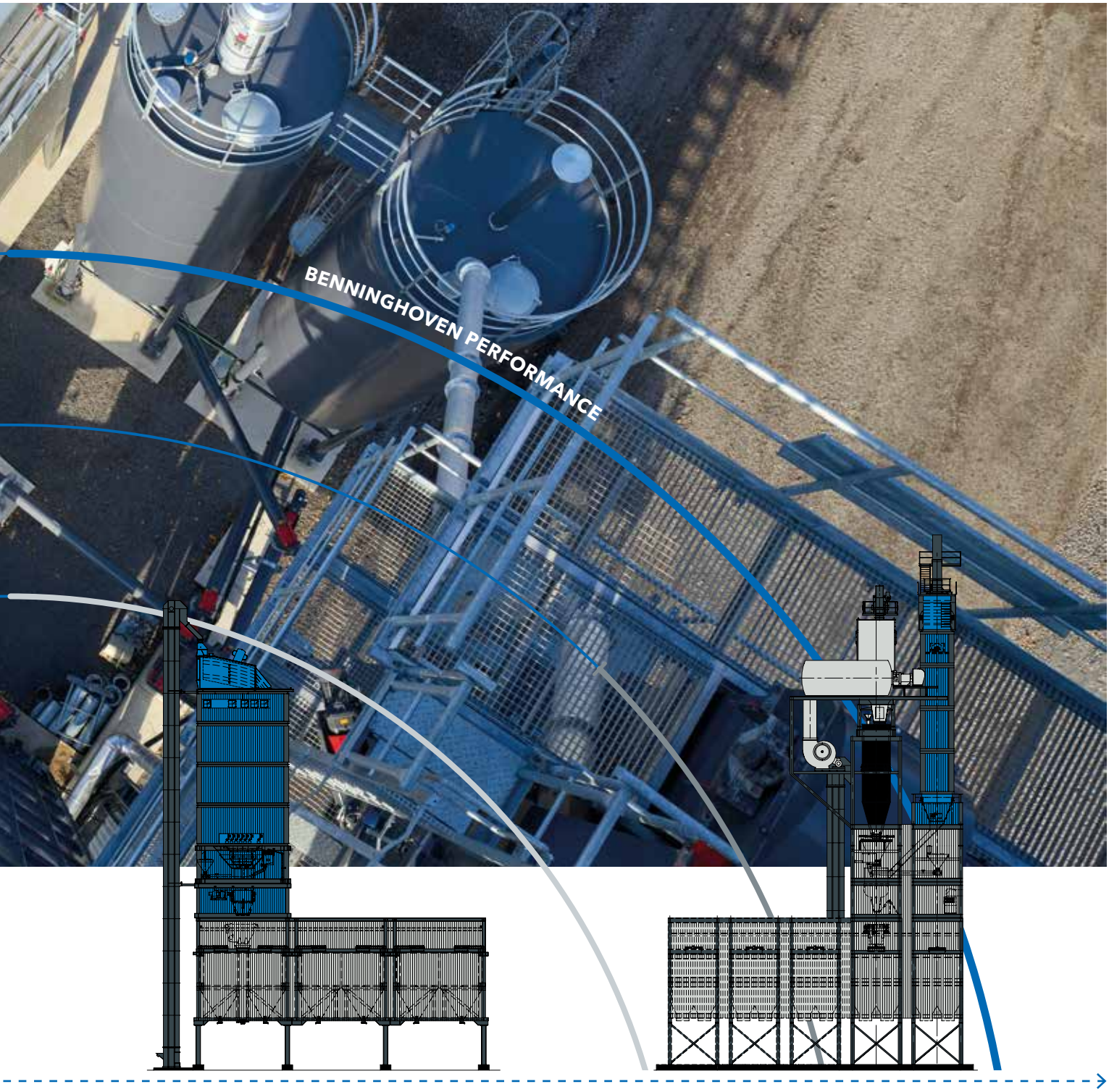
> PAGE 08

TBA

Transportable asphalt mixing plants

> TBA 2000
> TBA 3000
> TBA 4000

> PAGE 16



BA

Stationary asphalt mixing plants

> BA 3000
> BA 4000
> BA 5000

> PAGE 24

BA RPP

Stationary asphalt mixing plants with hot gas generator

> BA-RPP 4000
> BA-RPP 5000

> PAGE 24

Plant type ECO

TRANSPORTABLE ASPHALT MIXING PLANTS WITH TRANSPORT-OPTIMISED CONTAINER DIMENSIONS

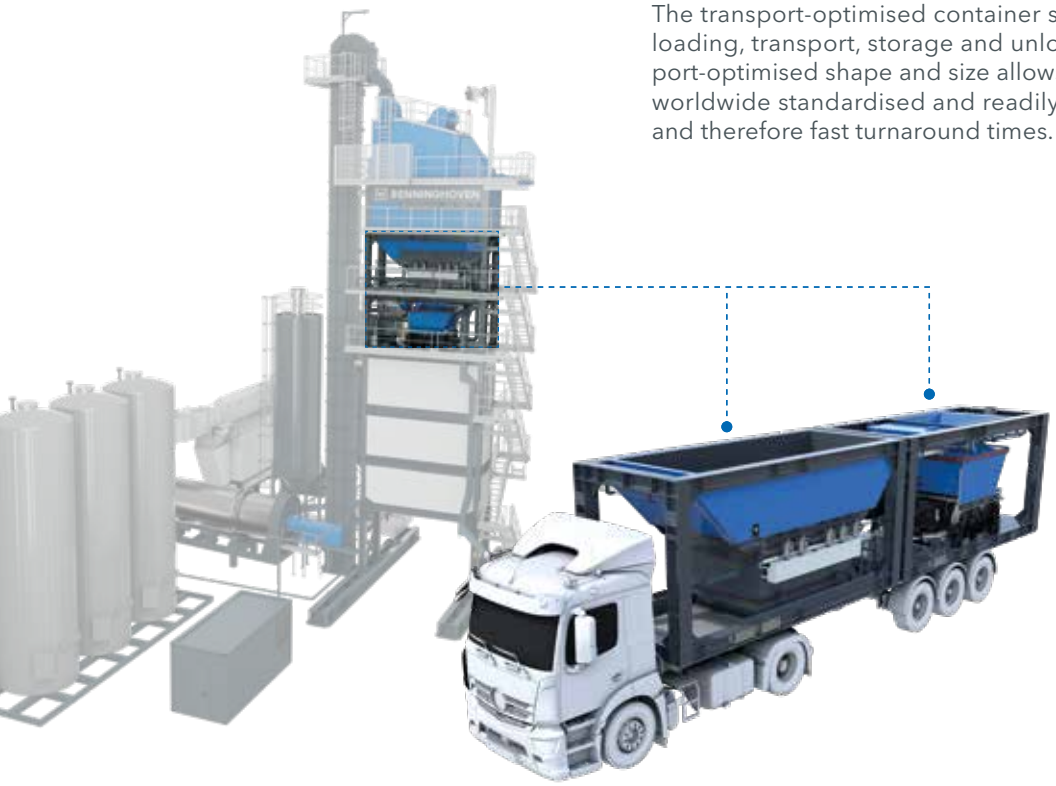
Globetrotter.

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.



ECO PERFORMANCE

COMPETITIVE ADVANTAGE THANKS TO INTELLIGENT LOGISTICS

TRANSPORT CONCEPT

> Main components in transport-optimized container dimensions
> Simplified, cost-efficient transport worldwide

PLUG & WORK

> Fast assembly (installation and dismantling)
> Modular expansion possible
> Transportable or stationary foundations – rapid implementation
> Pre-configured interfaces

RECYCLING+

> Cold recycling up to 30 %
> Middle ring dosing system 25 %
> Dosing system into the mixer 30 %
> Retrofitting possible at any time

HIGH-TECH PLANT POWER

> Wide range of mixing capacities 100 - 320 t/h
> Loading silo capacity 325 t in up to 7 bins

OPERATOR BENEFIT

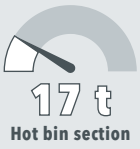
> Ergonomics concept
> Health and safety
> Maintenance concept

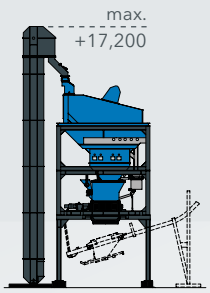
Plant Overview ECO
Basic Models

> ECO 1250

TECHNICAL DATA

Hot elevator	90 t/h
Screen	90 t/h
Screening	4 - 5 deck
Hot bin capacity	17 t
Hot bins	4/5
Mixer	1,25 t
Mixing capacity	100 t/h
Clearance height	4,000 mm



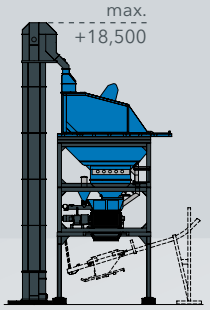


Load class: Stationary concrete foundations – LC III
Mobile steele foundations – LC I

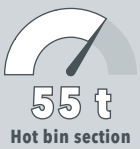
> ECO 2000 / 3000 / 4000

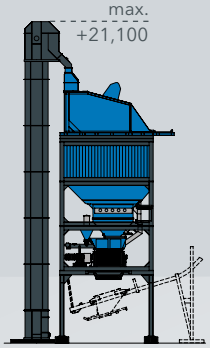
TECHNICAL DATA

Hot elevator	160 - 280 t/h
Screening (4-deck)	160/200/240 t/h
Screening (5-deck)	160/220/270 t/h
Hot bin capacity	17/55 t
Hot bins	4/5/6
Mixer	2 - 4 t
Mixing capacity	160 - 320 t/h
Clearance height	4,000 mm

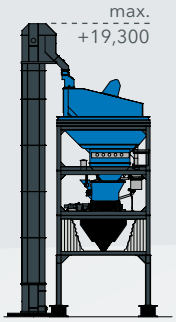


Load class: Stationary concrete foundations – LC III
Mobile steele foundations – LC I



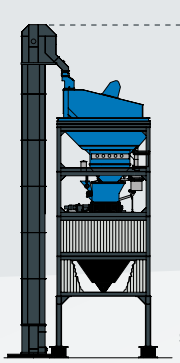


Load class: Stationary concrete foundations – LC III
Mobile steele foundations – LC I



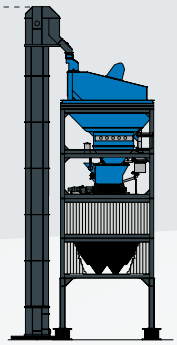
10 t
Mixed material storage silo capacity

Stationary concrete foundations – LC III
Mobile steele foundations – LC I



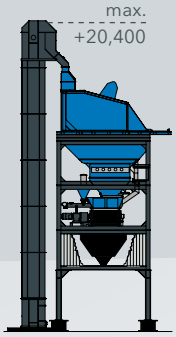
45 t
Mixed material storage silo capacity

Stationary concrete foundations – LC III
Mobile steele foundations – LC I



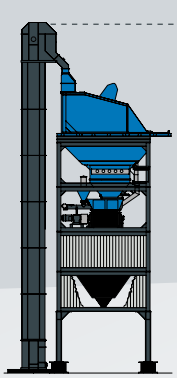
53 t
Mixed material storage silo capacity

Stationary concrete foundations – LC III
Mobile steele foundations – LC I



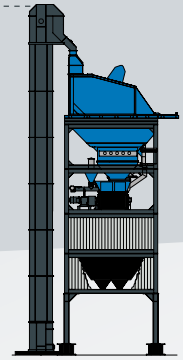
10 t
Mixed material storage silo capacity

Stationary concrete foundations – LC III
Mobile steele foundations – LC I



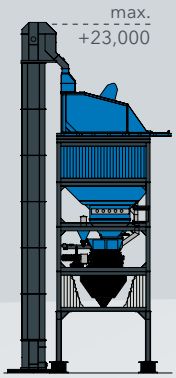
45 t
Mixed material storage silo capacity

Stationary concrete foundations – LC III
Mobile steele foundations – LC I



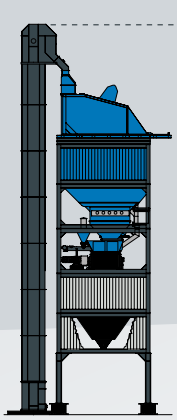
53 t
Mixed material storage silo capacity

Stationary concrete foundations – LC III
Mobile steele foundations – LC I



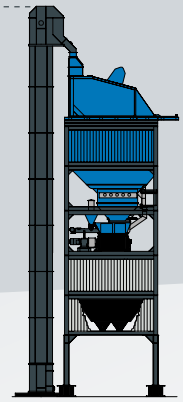
10 t
Mixed material storage silo capacity

Stationary concrete foundations – LC III
Mobile steele foundations – LC I



45 t
Mixed material storage silo capacity

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



53 t
Mixed material storage silo capacity

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

Plant Overview ECO
Extentions

> ECO 2000 / 3000 / 4000

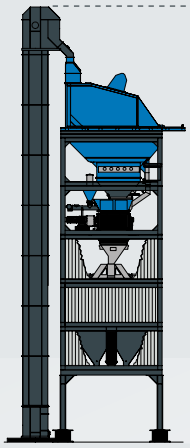
TECHNICAL DATA

Hot elevator	160 - 280 t/h
Screening (4-deck)	160 / 200 / 240 t/h
Screening (5-deck)	160 / 220 / 270 t/h
Hot bin capacity	17 / 55 t
Hot bins	4 / 5 / 6
Mixer	2 - 4 t
Mixing capacity	160 - 320 t/h
Clearance height	4,000 mm

Tower height depending on load class LC I - LC III

Hot bin section

Variety in mixed material silo feed-in

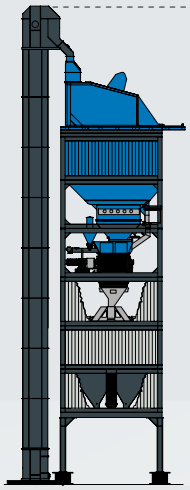


Mixed material storage silo capacity
2 x 26 t,
1 x 8 t Direct loading,
Diverter chute

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

Hot bin section

Variety in mixed material silo feed-in

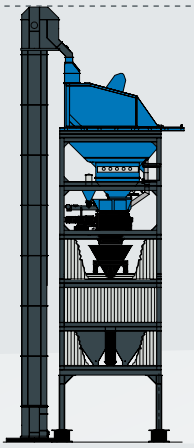


Mixed material storage silo capacity
2 x 26 t,
1 x 8 t Direct loading,
Diverter chute

Load class: Stationary concrete foundations – LC I
Mobile steele foundationstions – on request

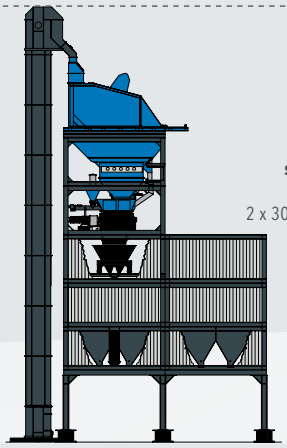
> Silos horizontally extendable

max. +26,200



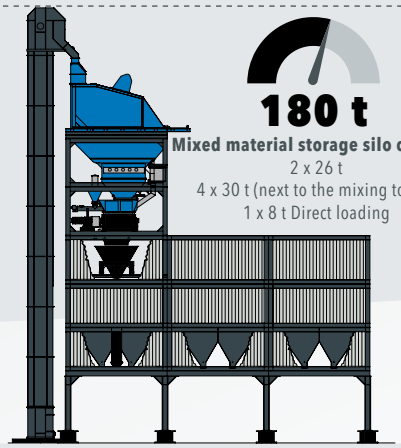
60 t
Mixed material storage silo capacity
2 x 26 t,
1 x 8 t Direct loading,
Skip track

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



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

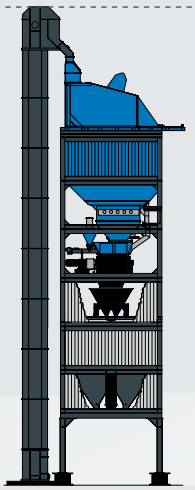
Stationary concrete foundations – LC II
Mobile steele foundationstions – LC I



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

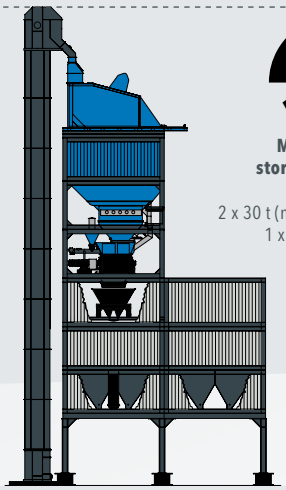
Stationary concrete foundations – LC II
Mobile steele foundationstions – LC I

max. +28,800



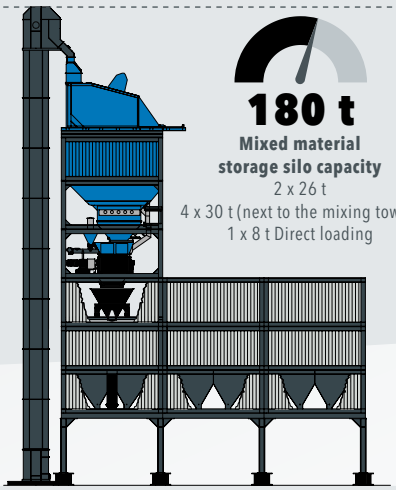
60 t
Mixed material storage silo capacity
2 x 26 t,
1 x 8 t Direct loading,
Skip track

Stationary concrete foundations – LC I
Mobile steele foundationstions – on request



120 t
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 steele foundationstions – on request



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

Stationary concrete foundations – LC I
Mobile steele foundationstions – on request

Plant Overview ECO
Extentions

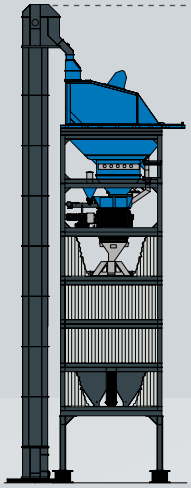
> ECO 2000 / 3000 / 4000

TECHNICAL DATA

Hot elevator	160 - 280 t/h
Screening (4-deck)	160 / 200 / 240 t/h
Screening (5-deck)	160 / 220 / 270 t/h
Hot bin capacity	17 / 55 t
Hot bins	4 / 5 / 6
Mixer	2 - 4 t
Mixing capacity	160 - 320 t/h
Clearance height	4,000 mm

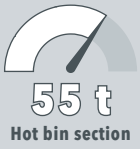
Tower height depending on load class LC I - LC III

Variety in mixed material silo feed-in

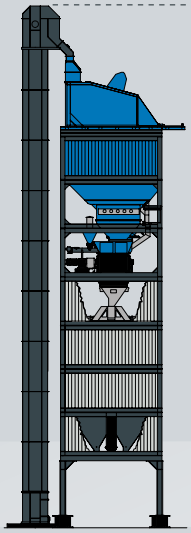


109 t
Mixed material storage silo capacity
2 x 48 t
1 x 13 t Direct loading
Diverter chute

Load class: Stationary concrete foundations – LC I
Mobile steele foundationstions – on request



Variety in mixed material silo feed-in

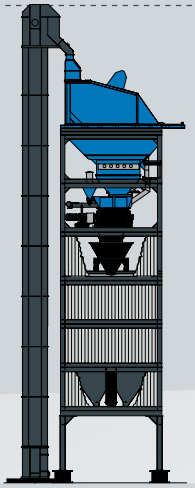


109 t
Mixed material storage silo capacity
2 x 48 t
1 x 13 t Direct loading
Diverter chute

Load class: Stationary concrete foundations – on request
Mobile steele foundationstions – on request

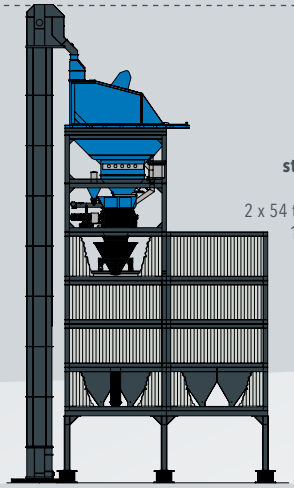
> Silos horizontally and vertically extendable

max. +28,800



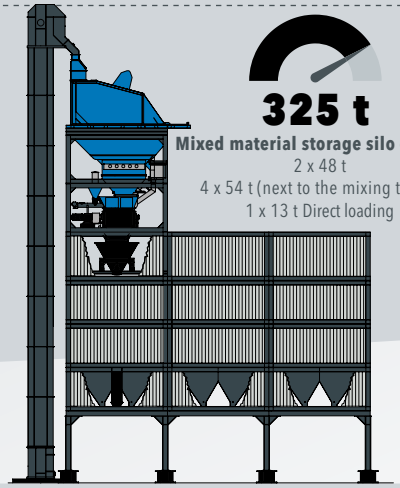
109 t
Mixed material storage silo capacity
2 x 48 t
1 x 13 t Direct loading
Skip track

Stationary concrete foundations – LC I
Mobile steele foundationstions – on request



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

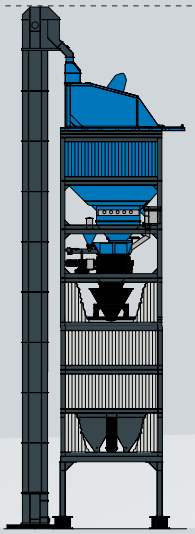
Stationary concrete foundations – LC I
Mobile steele foundationstions – on request



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

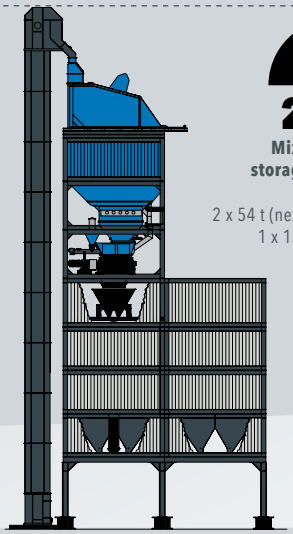
Stationary concrete foundations – LC I
Mobile steele foundationstions – on request

max. +31,400



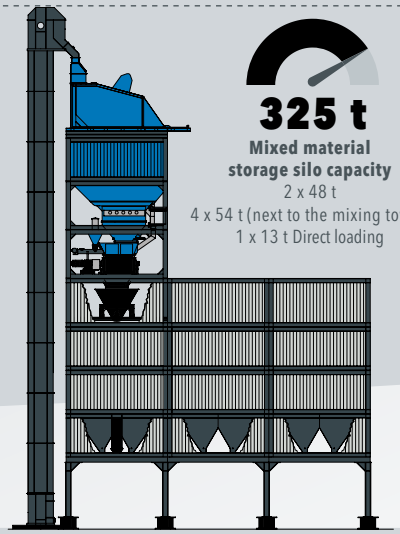
109 t
Mixed material storage silo capacity
2 x 48 t
1 x 13 t Direct loading
Skip track

Stationary concrete foundations – on request
Mobile steele foundationstions – on request



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

Stationary concrete foundations – on request
Mobile steele foundationstions – on request



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 – on request
Mobile steele foundationstions – on request

Plant type TBA

TRANSPORTABLE ASPHALT MIXING PLANTS

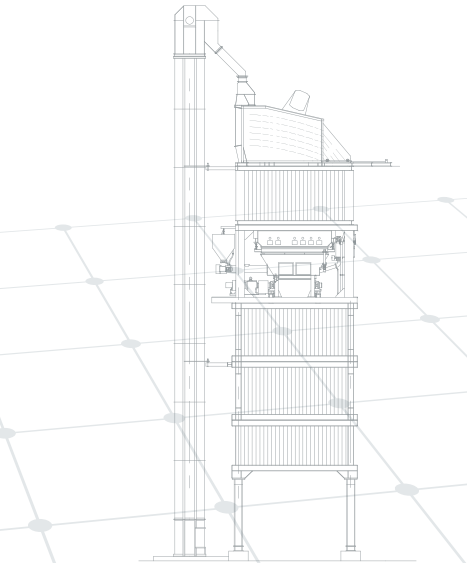
All-rounder.

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.



UP TO

320 t

PER HOUR

ECO-FRIENDLY:

Cges < 50 mg/Nm³

TBA
PERFORMANCE

COMPETITIVE ADVANTAGE FROM VERSATILITY

HIGH-TECH PLANT POWER

> 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

RECYCLING+

> 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

PLUG & WORK

> Fast assembly (installation and dismantling)
> Modular expansion possible
> Transportable or stationary foundations – rapid implementation
> Pre-configured interfaces

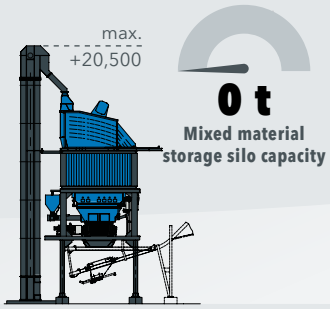
OPERATOR BENEFIT

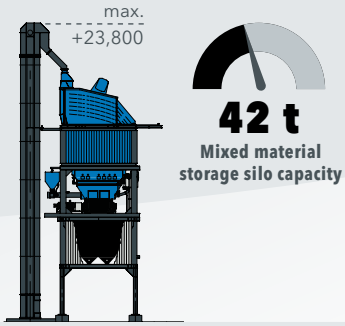
> Ergonomics concept
> Health and safety
> Maintenance concept

Plant Overview TBA
Basic Models

> TBA 2000 / 3000

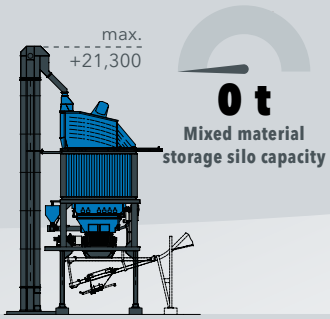
TECHNICAL DATA	
Hot elevator	145 - 220 t/h
Screen	160 - 240 t/h
Screening	5 - 6 deck
Hot bin capacity	60 / 80 / 130 t/h
Hot bins	5 / 6 / 7
Mixer	2 - 3 t
Mixing capacity	160 - 240 t/h
Clearance height	4,200 mm

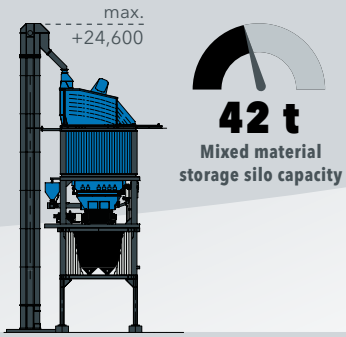




Load class: Stationary concrete foundations – LC III
Mobile steele foundations – LC I

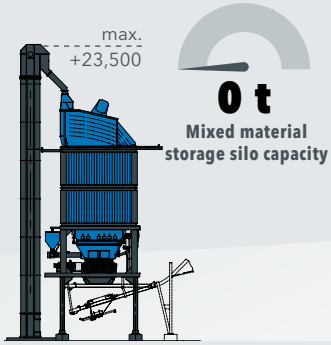
Stationary concrete foundations – LC III
Mobile steele foundations – LC I

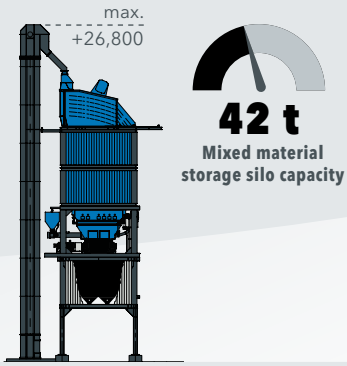




Load class: Stationary concrete foundations – LC III
Mobile steele foundations – LC I

Stationary concrete foundations – LC III
Mobile steele foundations – LC I



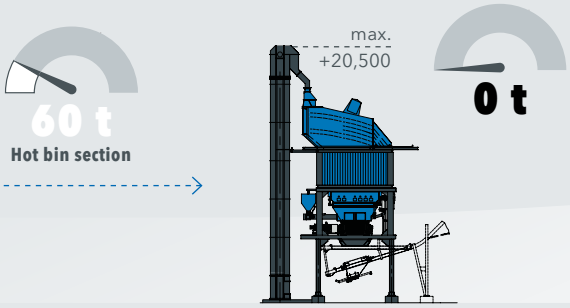


Load class: Stationary concrete foundations – LC II
Mobile steele foundations – LC I

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

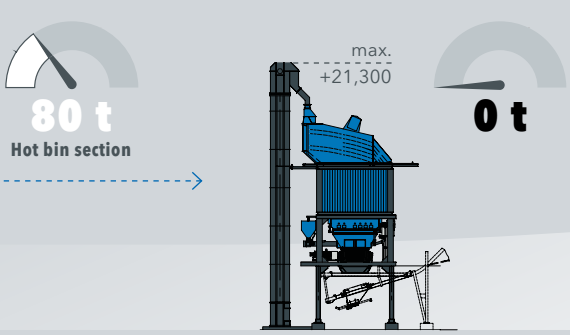
> TBA 4000

TECHNICAL DATA	
Hot elevator	290 t/h
Screening (4-deck)	320 t/h
Screening (5-deck)	6 deck
Hot bin capacity	60 / 80 / 130 t/h
Hot bins	6 / 7
Mixer	4 t
Mixing capacity	320 t/h
Clearance height	4,200 mm



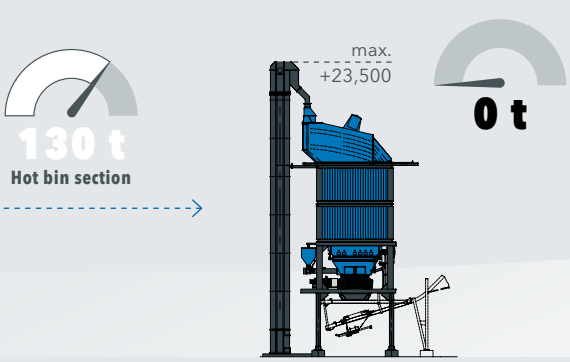
Load class: Stationary concrete foundations – LC III
Mobile steele foundations – LC I

Stationary concrete foundations – LC III
Mobile steele foundations – LC I



Load class: Stationary concrete foundations – LC III
Mobile steele foundations – LC I

Stationary concrete foundations – LC III
Mobile steele foundations – LC I



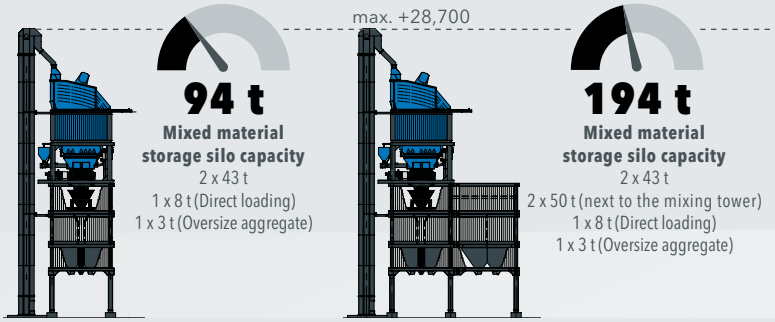
Load class: Stationary concrete foundations – LC II
Mobile steele foundations – LC I

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

Plant Overview TBA
Extensions

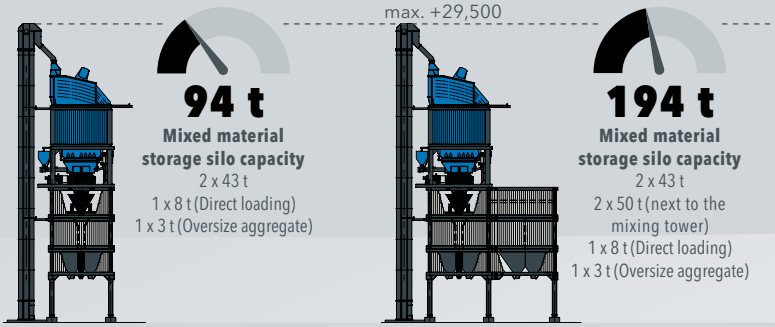
> TBA 2000 / 3000

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



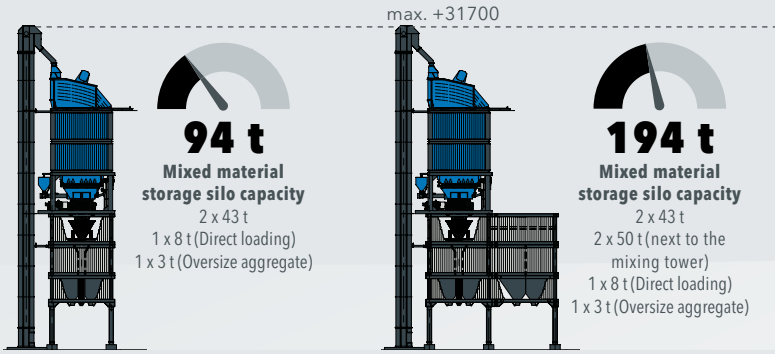
Load class:
Stationary concrete foundations – LC III
Mobile steele foundations – LC I

Stationary concrete foundations – LC III
Mobile steele foundations – LC I



Load class:
Stationary concrete foundations – LC III
Mobile steele foundations – LC I

Stationary concrete foundations – LC III
Mobile steele foundations – LC I



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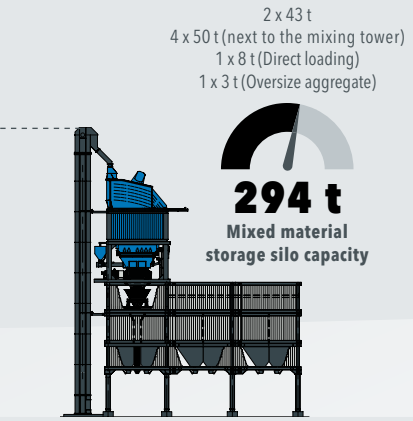
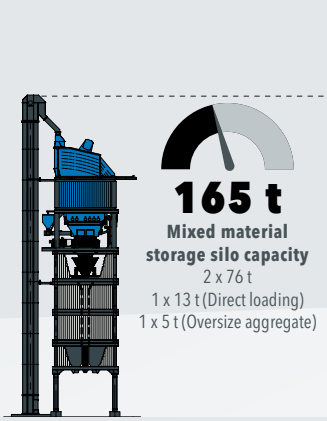
Mobile steele foundations – LC I

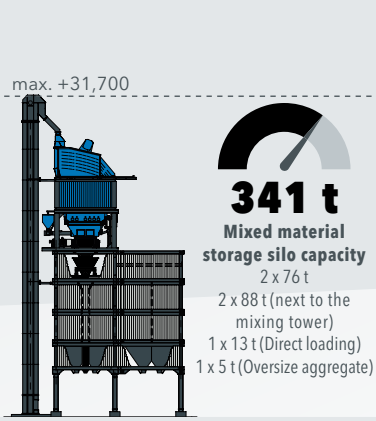
Stationary concrete foundations – LC II
Mobile steele foundations – LC I



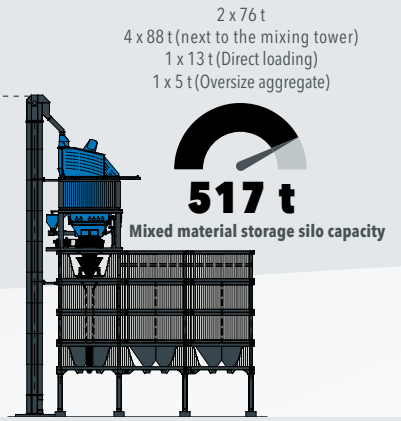
Stationary concrete foundations – LC III
Mobile steele foundations – LC I



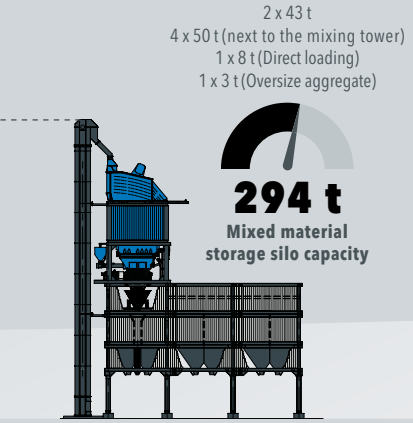
Stationary concrete foundations – LC III
Mobile steele foundations – LC I



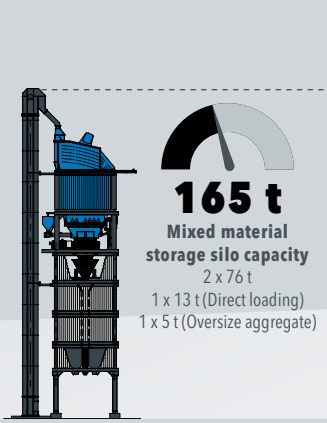
Stationary concrete foundations – LC III
Mobile steele foundations – LC I



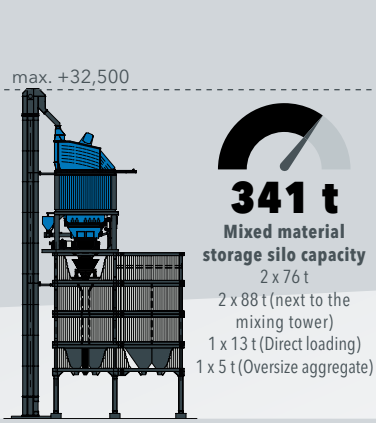
Stationary concrete foundations – LC III
Mobile steele foundations – LC I



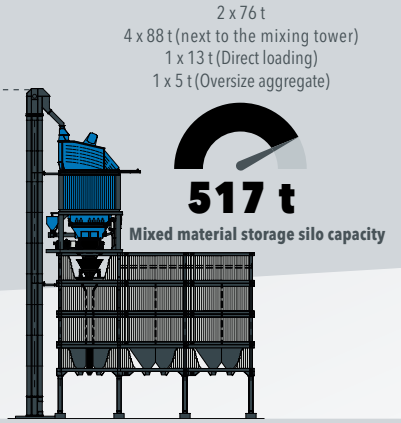
Stationary concrete foundations LC III
Mobile steele foundations – LC I



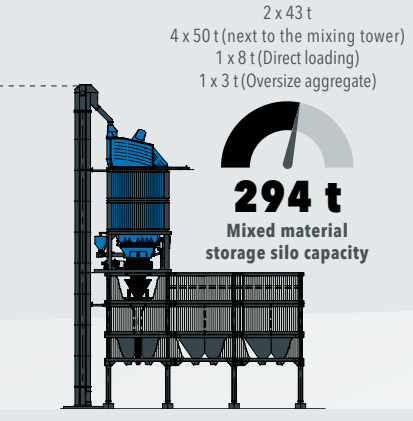
Stationary concrete foundations – LC III
Mobile steele foundations – LC I



Stationary concrete foundations – LC III
Mobile steele foundations – LC I



Stationary concrete foundations – LC III
Mobile steele foundations – LC I

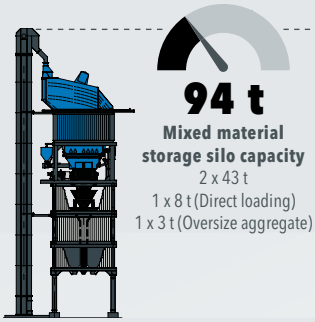


Stationary concrete foundations – LC II
Mobile steele foundations – LC I

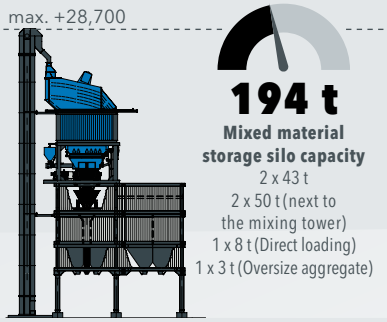
Plant Overview TBA
Extensions

> TBA 4000

TECHNICAL DATA	
Hot elevator	290 t/h
Screen	320 t/h
Screening	6 deck
Hot bin capacity	60 / 80 / 130 t/h
Hot bins	6 / 7
Mixer	4 t
Mixing capacity	320 t/h
Clearance height	4,200 mm

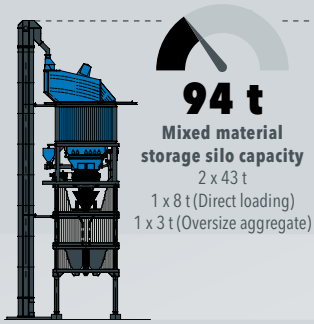


max. +28,700

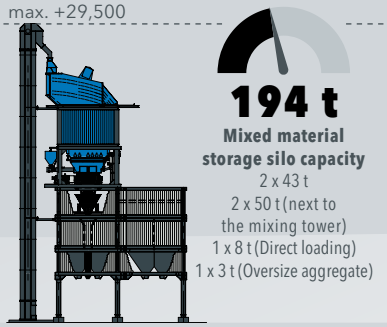


Load class:
Stationary concrete foundations – LC III
Mobile steele foundations – LC I

Stationary concrete foundations – LC III
Mobile steele foundations – LC I

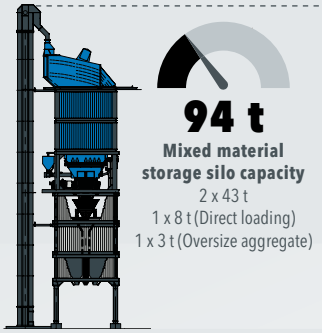


max. +29,500

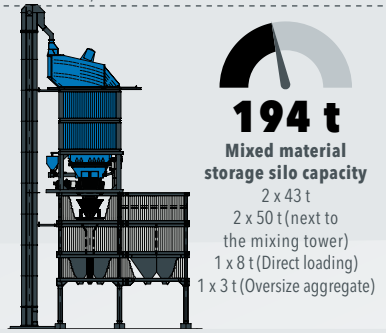


Load class:
Stationary concrete foundations – LC III
Mobile Steele Foundations – LC I

Stationary concrete foundations – LC III
Mobile Steele Foundations – LC I

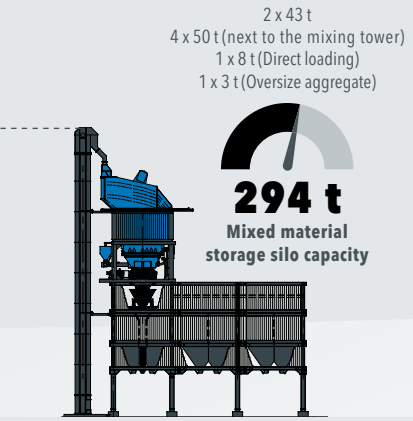


max. +31,700

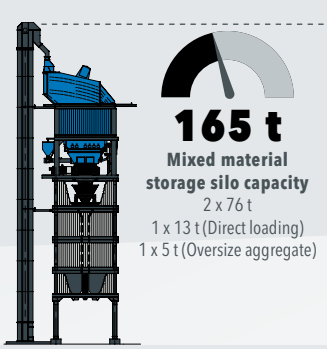


Load class:
Stationary concrete foundations – LC II
Mobile steele foundations – LC I

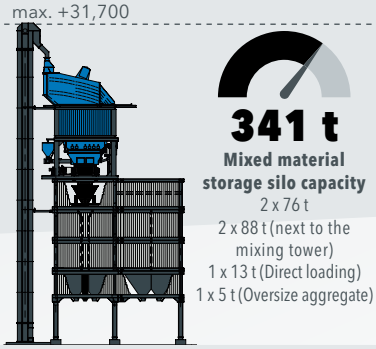
Stationary concrete foundations – LC II
Mobile steele foundations – LC I



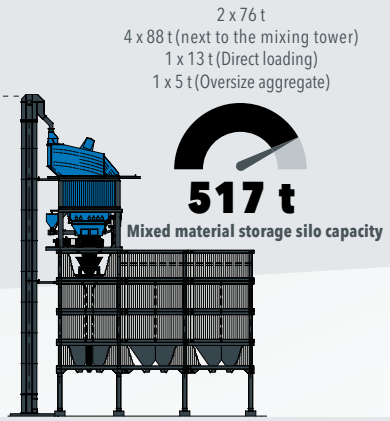
Stationary concrete foundations – LC III
Mobile steele foundations – LC I



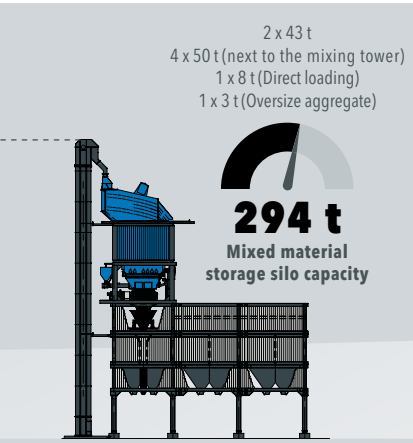
Stationary concrete foundations – LC III
Mobile steele foundations – LC I



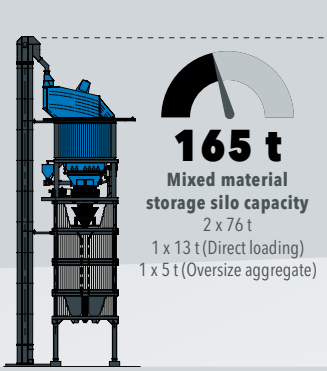
Stationary concrete foundations – LC III
Mobile steele foundations – LC I



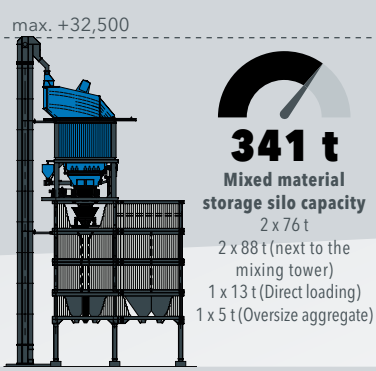
Stationary concrete foundations – LC III
Mobile steele foundations – LC I



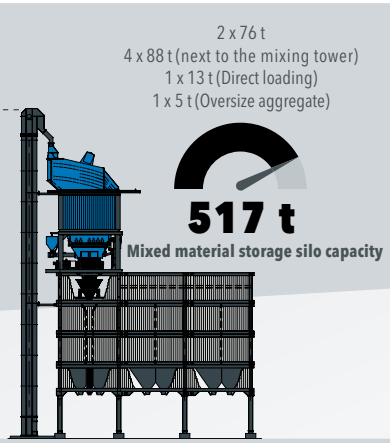
Stationary concrete foundations – LC III
Mobile steele foundations – LC I



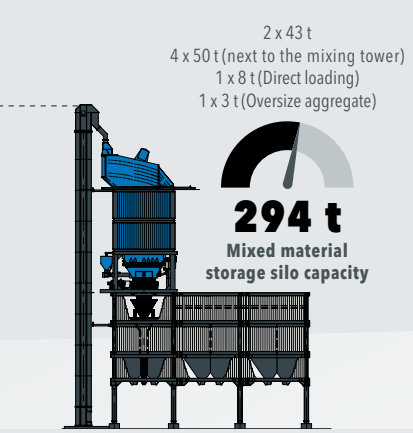
Stationary concrete foundations – LC III
Mobile steele foundations – LC I



Stationary concrete foundations – LC III
Mobile steele foundations – LC I



Stationary concrete foundations – LC III
Mobile steele foundations – LC I



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

Plant type BA / BA-RPP

STATIONARY ASPHALT MIXING PLANTS

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

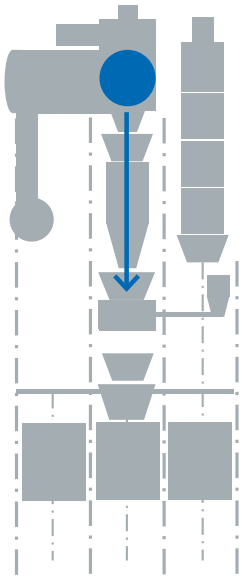
Clearly defined position

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.

BA-RPP with hot-gas generator



COMPLIANCE GUARANTEED:

Technical Instructions on Air Quality Control (TA-LUFT)

COMPETITIVE ADVANTAGE THROUGH LOW EMISSIONS

BA RPP PERFORMANCE

RECYCLING+

> 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

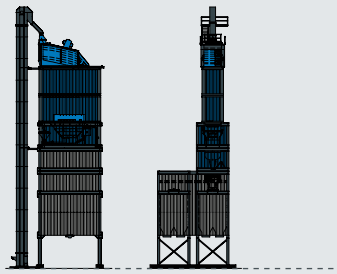
TECHNICAL DATA

Hot elevator	220 - 360 t/h
Screen	240 - 400 t/h
Screening	6 deck
Mixer	3 - 5 t
Mixing capacity	240 - 400 t/h
Clearance height	4,200 mm

355 - 715 t

Mixed material storage silo capacity

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

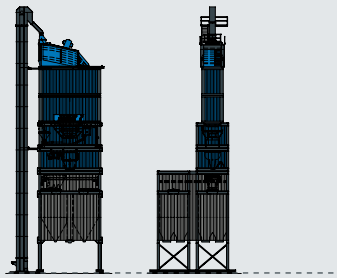


> Stationary foundations

440 - 880 t

Mixed material storage silo capacity

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



> Stationary foundations

> Row installation mixed material storage silo

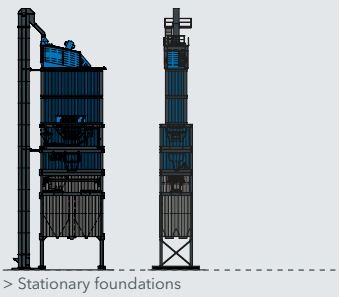
TECHNICAL DATA

Hot elevator	220 - 360 t/h
Screen	240 - 400 t/h
Screening	6 deck
Mixer	3 - 5 t
Mixing capacity	240 - 400 t/h
Clearance height	4,200 mm

175 - 535 t

Mixed material storage silo capacity

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

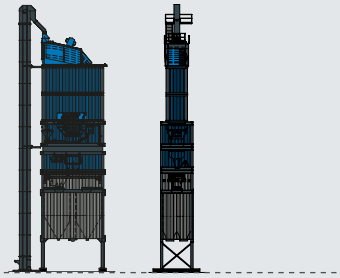


> Stationary foundations

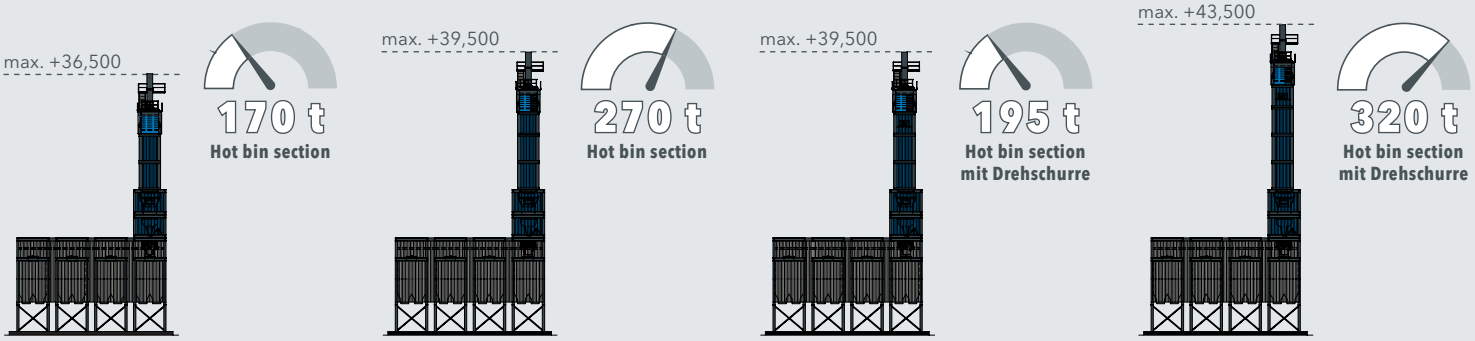
220 - 660 t

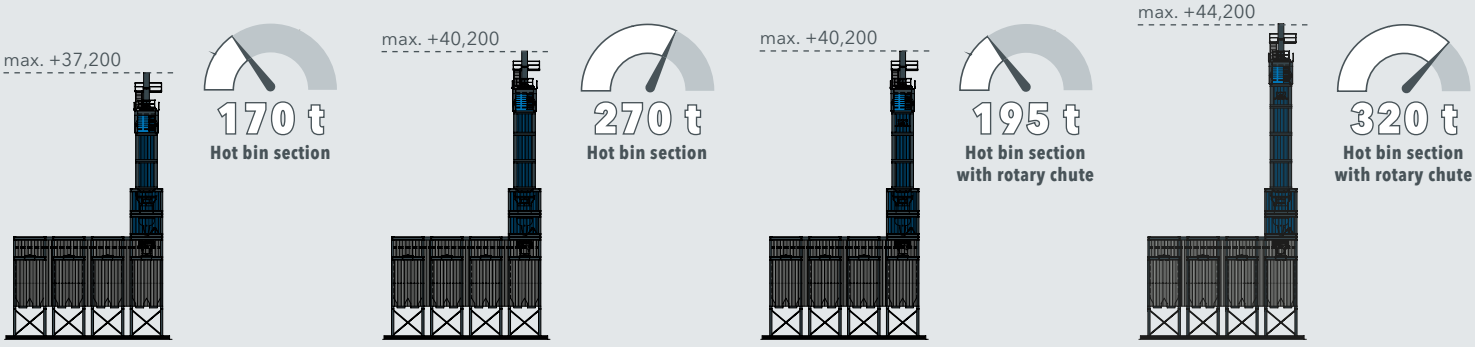
Mixed material storage silo capacity

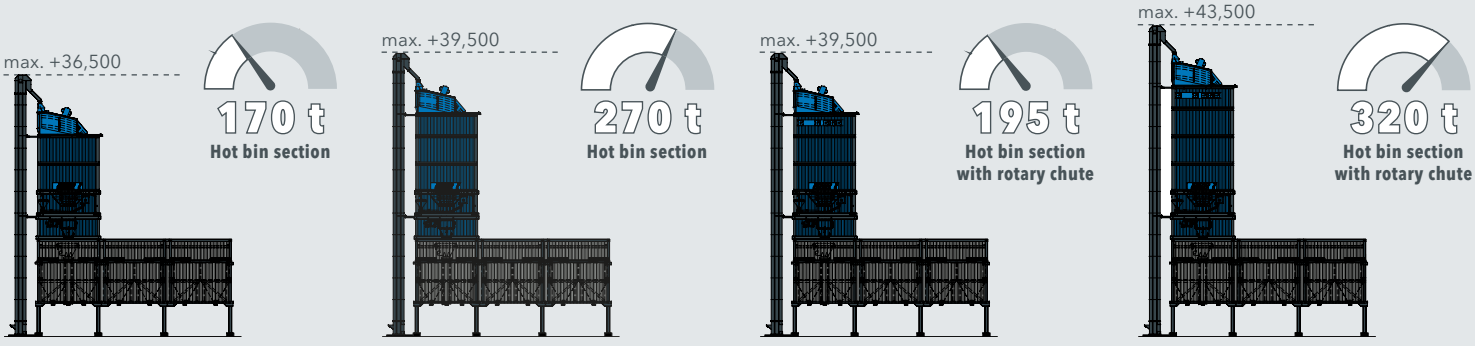
Mixed material storage silo capacity	2 x 100 t + 20 t Direct loading
Mixed material storage silo extensions	2 x 110 t + 2 x 110 t

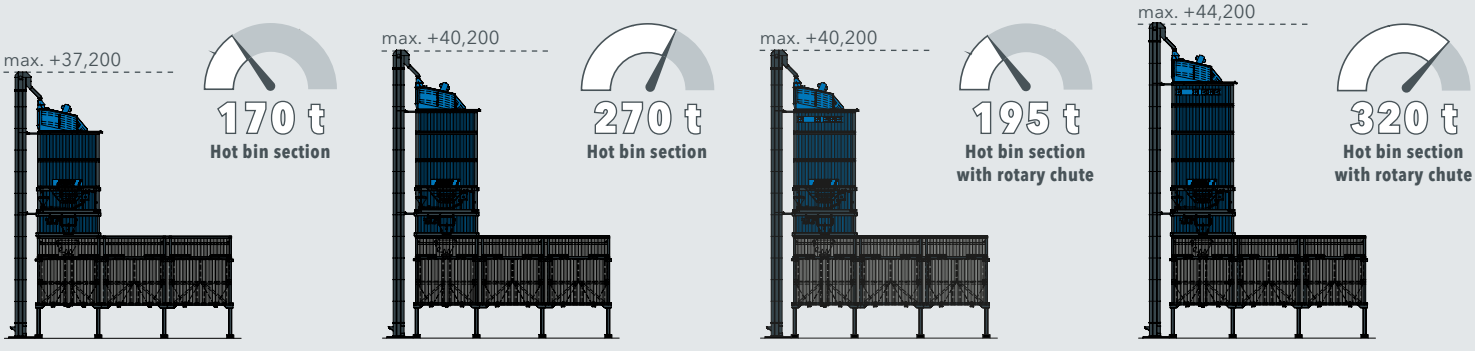


> Stationary foundations


max. +36,500
170 t
Hot bin section
max. +39,500
270 t
Hot bin section
max. +39,500
195 t
Hot bin section
mit Drehschurre
max. +43,500
320 t
Hot bin section
mit Drehschurre


max. +37,200
170 t
Hot bin section
max. +40,200
270 t
Hot bin section
max. +40,200
195 t
Hot bin section
with rotary chute
max. +44,200
320 t
Hot bin section
with rotary chute


max. +36,500
170 t
Hot bin section
max. +39,500
270 t
Hot bin section
max. +39,500
195 t
Hot bin section
with rotary chute
max. +43,500
320 t
Hot bin section
with rotary chute


max. +37,200
170 t
Hot bin section
max. +40,200
270 t
Hot bin section
max. +40,200
195 t
Hot bin section
with rotary chute
max. +44,200
320 t
Hot bin section
with rotary chute

PLANT OVERVIEW BA-RPP

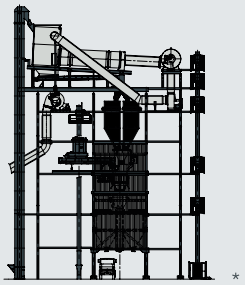
> Performance recycling system 180 t/h - RAP-Silo 2 x 30 t (at 3 % material moisture)

TECHNICAL DATA

BA-RPP 4000 / 5000 - RPP 180	
Hot elevator	290 - 360 t/h
Screen	320 - 400 t/h
Screening	6 deck
Mixer	4 - 5 t
Mixing capacity	320 - 400 t/h
Clearance height	4,200 mm
RAP elevator	180 t/h
Recycling drum	180 t/h
Hot gas generator	Typ 3-2
RAP silo capacity	2 x 30 t
RAP weigher	4 t

355 - 895 t
Mixed material storage silo capacity

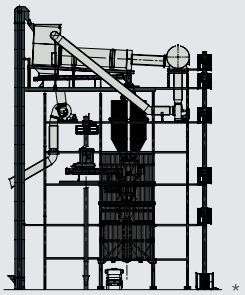
Mixed material storage silo capacity	2 x 80 t + 15 t Direct loading + 2 x 90 t
Mixed material storage silo extensions	2 x 90 t + 2 x 90 t + 2 x 90 t



*

440 - 1100 t
Mixed material storage silo capacity

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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> Stationary foundations
* Representation with additional cold RAP system – Multivariable dosing system

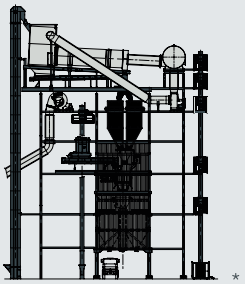
> Performance recycling system 220 t/h - RAP-Silo 2 x 30 t (at 3 % material moisture)

TECHNICAL DATA

BA-RPP 4000 / 5000 - RPP 220	
Hot elevator	290 - 360 t/h
Screen	320 - 400 t/h
Screening	6 deck
Mixer	4 - 5 t
Mixing capacity	320 - 400 t/h
Clearance height	4,200 mm
RAP elevator	220 t/h
Recycling drum	220 t/h
Hot gas generator	Typ 3
RAP silo capacity	2 x 30 t
RAP weigher	4 t

355 - 895 t
Mixed material storage silo capacity

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



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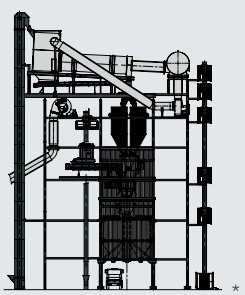
440 - 1100 t
Mixed material storage silo capacity

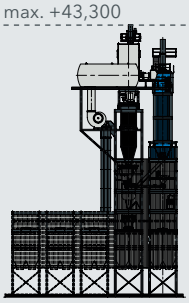
Mixed material storage silo capacity	2 x 100 t + 20 t Direct loading + 2 x 110 t
Mixed material storage silo extensions	2 x 110 t + 2 x 110 t + 2 x 110 t



*

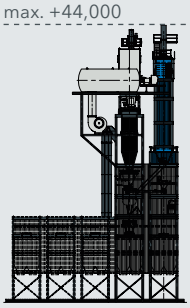
> Stationary foundations
* Representation with additional cold RAP system – Multivariable dosing system

max. +43,300



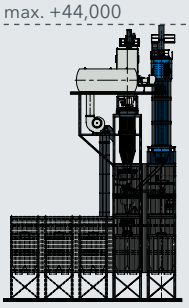
170 t
Hot bin section

max. +44,000



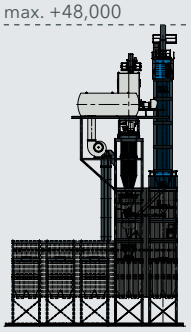
270 t
Hot bin section

max. +44,000



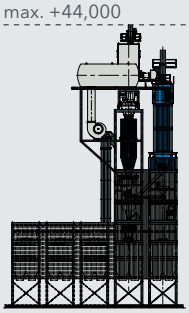
195 t
Hot bin section
with rotary chute

max. +48,000



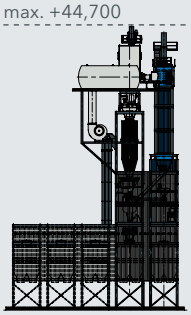
320 t
Hot bin section
with rotary chute

max. +44,000



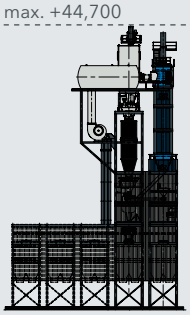
170 t
Hot bin section

max. +44,700



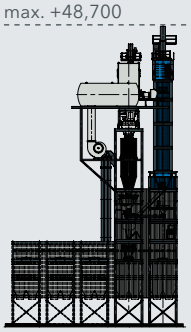
270 t
Hot bin section

max. +44,700



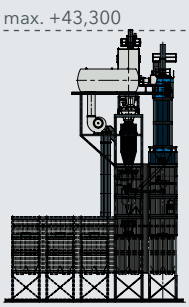
195 t
Hot bin section
with rotary chute

max. +48,700



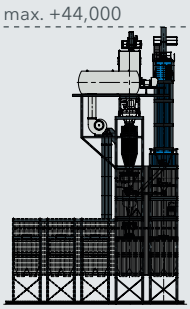
320 t
Hot bin section
with rotary chute

max. +43,300



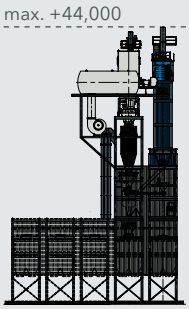
170 t
Hot bin section

max. +44,000



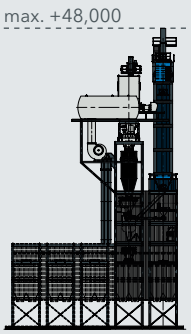
270 t
Hot bin section

max. +44,000



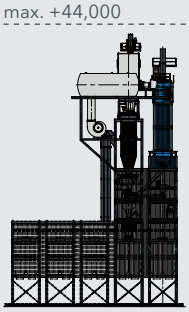
195 t
Hot bin section
with rotary chute

max. +48,000



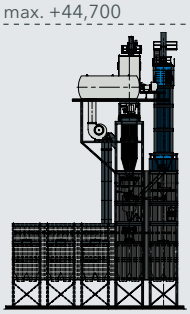
320 t
Hot bin section
with rotary chute

max. +44,000



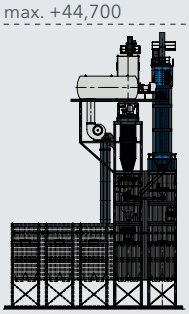
170 t
Hot bin section

max. +44,700



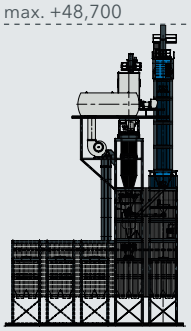
270 t
Hot bin section

max. +44,700



195 t
Hot bin section
with rotary chute

max. +48,700



320 t
Hot bin section
with rotary chute

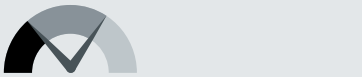
PLANT OVERVIEW BA-RPP

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

TECHNICAL DATA

BA-RPP 4000 / 5000 - RPP 180

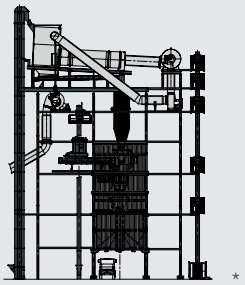
Hot elevator	290 - 360 t/h
Screen	320 - 400 t/h
Screening	6 deck
Mixer	4 - 5 t
Mixing capacity	320 - 400 t/h
Clearance height	4,200 mm
RAP elevator	180 t/h
Recycling drum	180 t/h
Hot gas generator	Typ 3-2
RAP silo capacity	1 x 45 t
RAP weigher	4 t



355 - 895 t

Mixed material storage silo capacity

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



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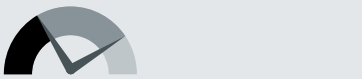
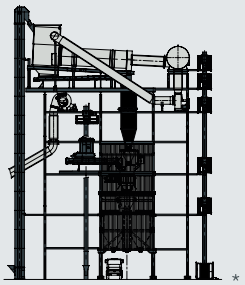


440 - 1100 t

Mixed material storage silo capacity

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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> Stationary foundations

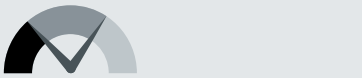
* Representation with additional cold RAP system – Multivariable dosing system

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

TECHNICAL DATA

BA-RPP 4000 / 5000 - RPP 220

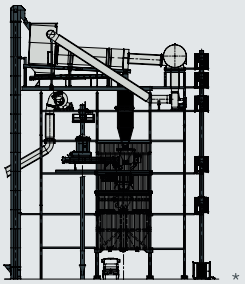
Hot elevator	290 - 360 t/h
Screen	320 - 400 t/h
Screening	6 deck
Mixer	4 - 5 t
Mixing capacity	320 - 400 t/h
Clearance height	4,200 mm
RAP elevator	220 t/h
Recycling drum	220 t/h
Hot gas generator	Typ 3
RAP silo capacity	1 x 45 t
RAP weigher	4 t



355 - 895 t

Mixed material storage silo capacity

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



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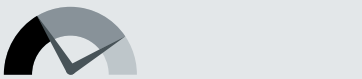
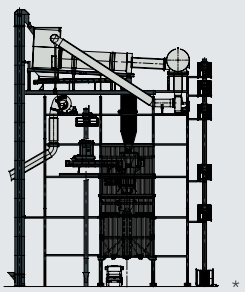


440 - 1100 t

Mixed material storage silo capacity

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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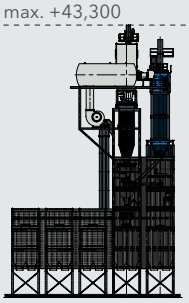
> Stationary foundations

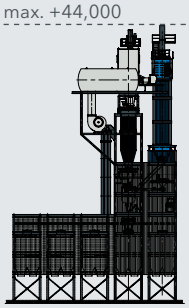
* Representation with additional cold RAP system – Multivariable dosing system

max. +43,300



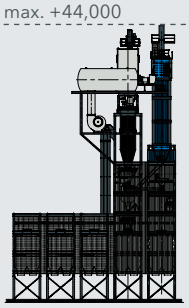
170 t
Hot bin section

max. +44,000



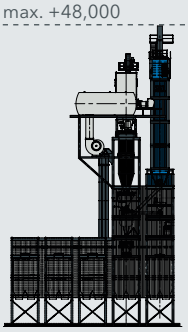
270 t
Hot bin section

max. +44,000



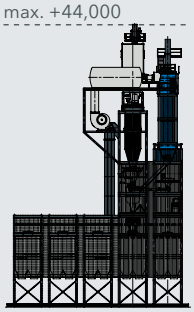
195 t
Hot bin section
with rotary chute

max. +48,000



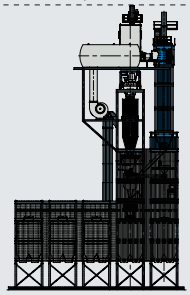
320 t
Hot bin section
with rotary chute

max. +44,000



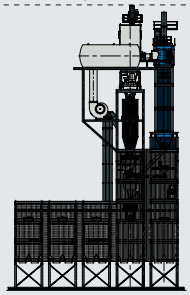
170 t
Hot bin section

max. +44,700



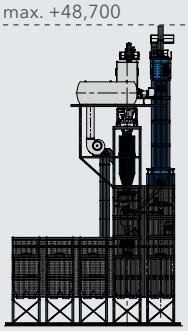
270 t
Hot bin section

max. +44,700



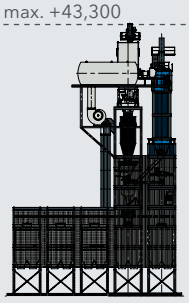
195 t
Hot bin section
with rotary chute

max. +48,700



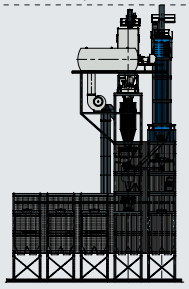
320 t
Hot bin section
with rotary chute

max. +43,300



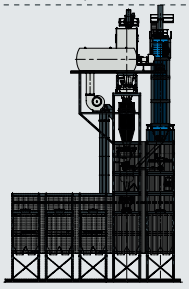
170 t
Hot bin section

max. +44,000



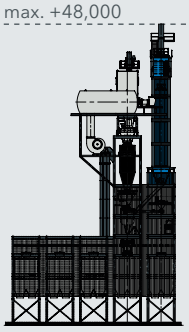
270 t
Hot bin section

max. +44,000



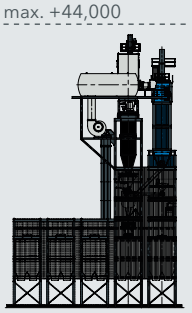
195 t
Hot bin section
with rotary chute

max. +48,000



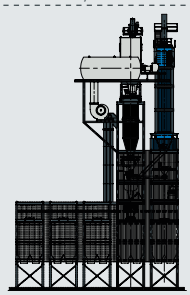
320 t
Hot bin section
with rotary chute

max. +44,000



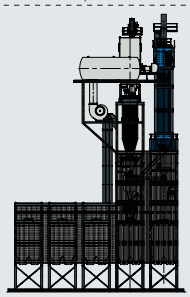
170 t
Hot bin section

max. +44,700



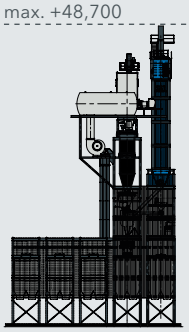
270 t
Hot bin section

max. +44,700



195 t
Hot bin section
with rotary chute

max. +48,700



320 t
Hot bin section
with rotary chute

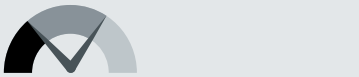
PLANT OVERVIEW BA-RPP

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

TECHNICAL DATA

BA-RPP 4000 / 5000 - RPP 180

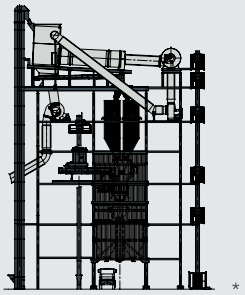
Hot elevator	290 - 360 t/h
Screen	320 - 400 t/h
Screening	6 deck
Mixer	4 - 5 t
Mixing capacity	320 - 400 t/h
Clearance height	4,200 mm
RAP elevator	180 t/h
Recycling drum	180 t/h
Hot gas generator	Typ 3-2
RAP silo capacity	2 x 40 t
RAP weigher	4 t



355 - 895 t

Mixed material storage silo capacity

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



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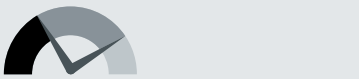
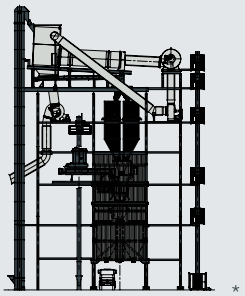


440 - 1100 t

Mixed material storage silo capacity

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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> Stationary foundations

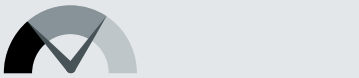
* Representation with additional cold RAP system – Multivariable dosing system

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

TECHNICAL DATA

BA-RPP 4000 / 5000 - RPP 220

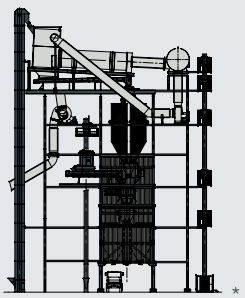
Hot elevator	290 - 360 t/h
Screen	320 - 400 t/h
Screening	6 deck
Mixer	4 - 5 t
Mixing capacity	320 - 400 t/h
Clearance height	4,200 mm
RAP elevator	220 t/h
Recycling drum	220 t/h
Hot gas generator	Typ 3
RAP silo capacity	2 x 40 t
RAP weigher	4 t



355 - 895 t

Mixed material storage silo capacity

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



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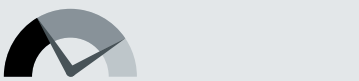
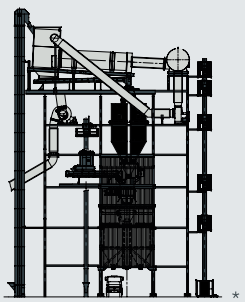


440 - 1100 t

Mixed material storage silo capacity

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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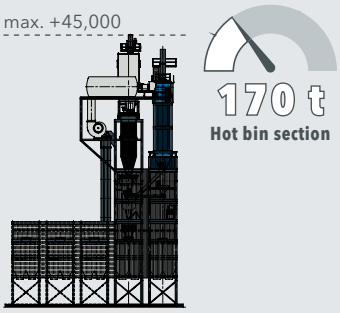
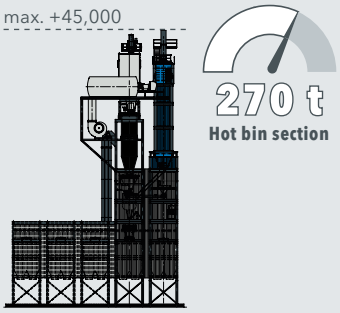
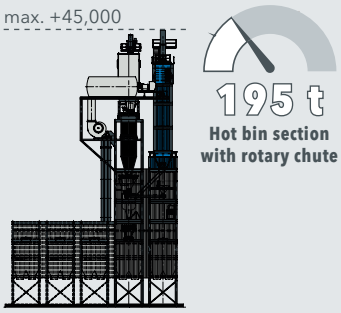
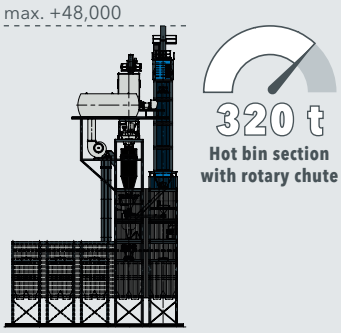
> Stationary foundations

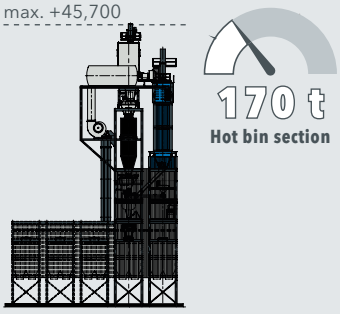
* Representation with additional cold RAP system – Multivariable dosing system

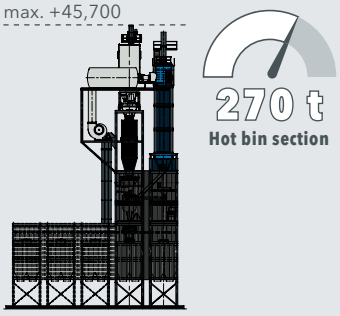

max. +45,000
170 t
Hot bin section

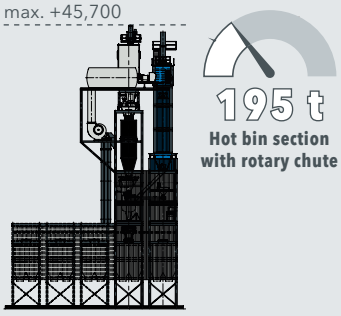

max. +45,000
270 t
Hot bin section

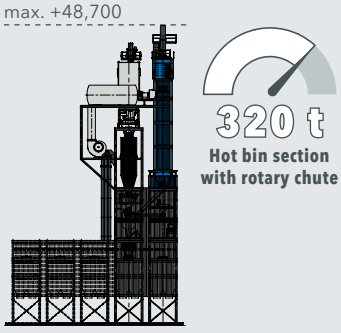

max. +45,000
195 t
Hot bin section
with rotary chute

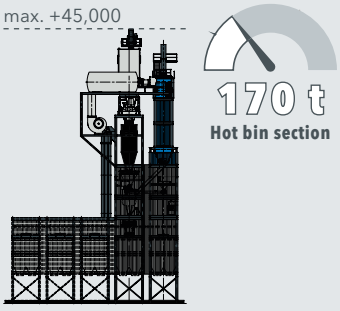

max. +48,000
320 t
Hot bin section
with rotary chute

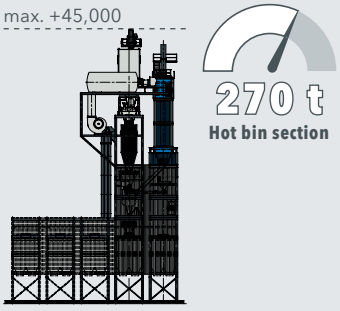

max. +45,700
170 t
Hot bin section

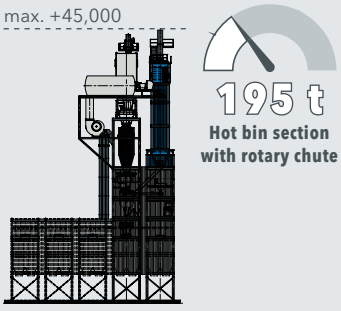

max. +45,700
270 t
Hot bin section

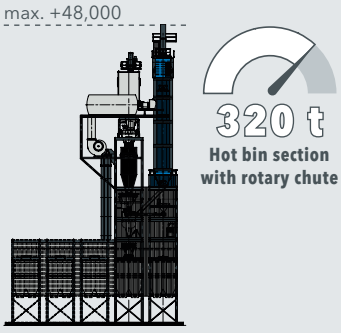

max. +45,700
195 t
Hot bin section
with rotary chute

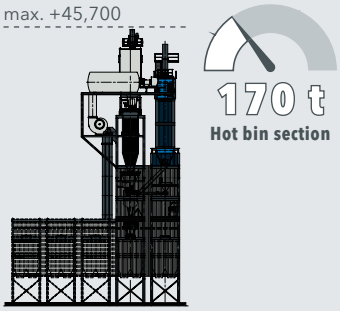

max. +48,700
320 t
Hot bin section
with rotary chute

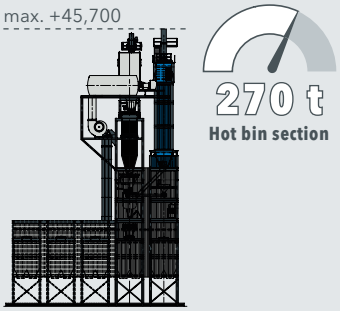

max. +45,000
170 t
Hot bin section

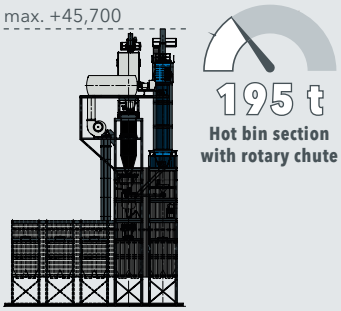

max. +45,000
270 t
Hot bin section

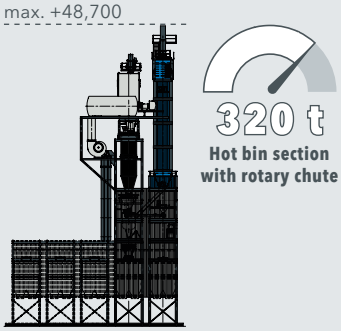

max. +45,000
195 t
Hot bin section
with rotary chute


max. +48,000
320 t
Hot bin section
with rotary chute


max. +45,700
170 t
Hot bin section


max. +45,700
270 t
Hot bin section


max. +45,700
195 t
Hot bin section
with rotary chute


max. +48,700
320 t
Hot bin section
with rotary chute

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.

TECHNICAL SUPPORT:

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

ENVIRONMENTAL REQUIREMENTS:

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

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.

BENNINGHOVEN

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