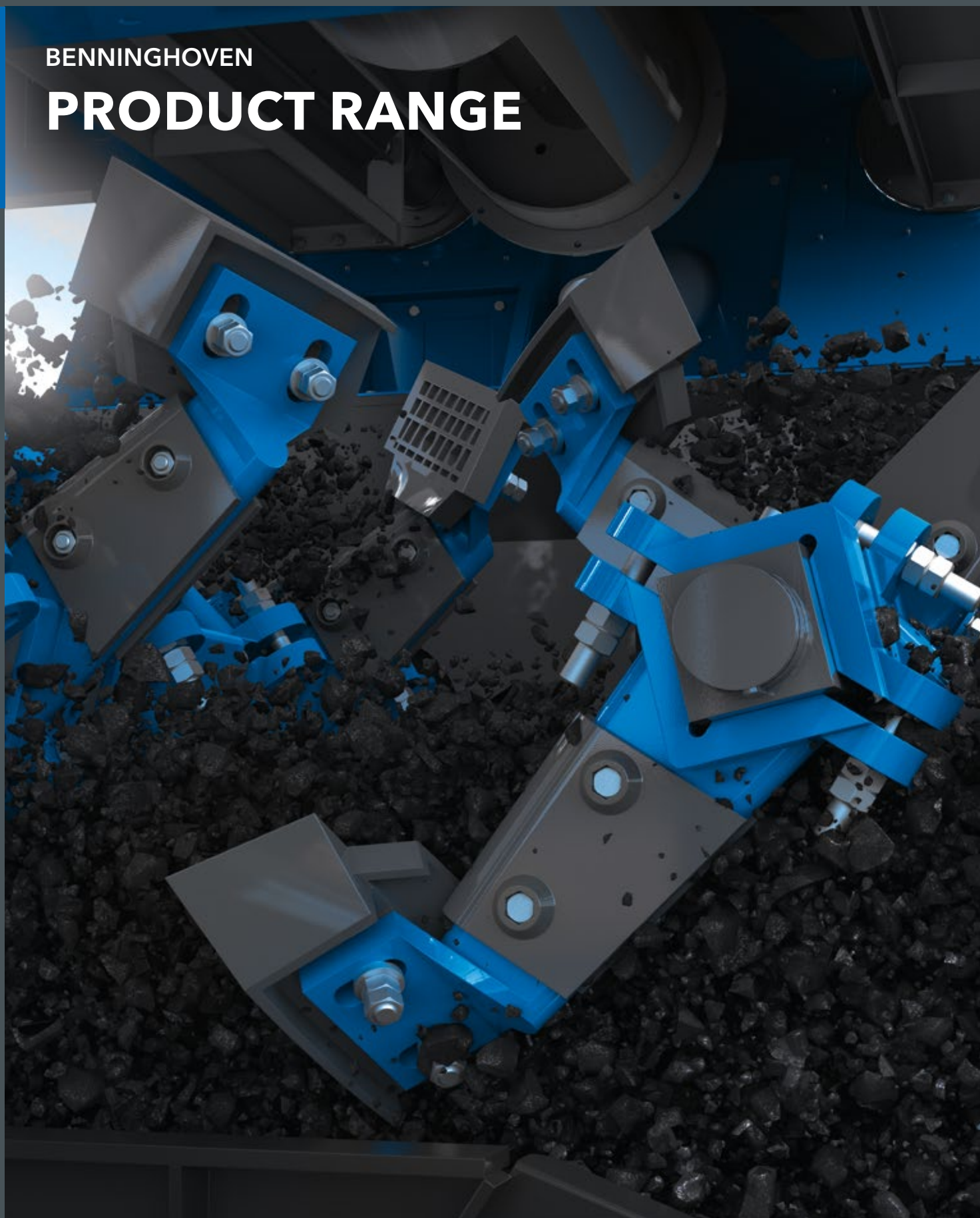




BENNINGHOVEN

PRODUCT RANGE



GREEN TECHNOLOGY FROM A GREEN FACTORY.

The BENNINGHOVEN main factory in Wittlich.

At the state-of-the-art production facility in Wittlich, BENNINGHOVEN manufactures long-lasting asphalt mixing plants and systems for maximising the volume of asphalt fed back into recycling process. Even the production of these plant components is designed to be as sustainable as possible. BENNINGHOVEN is also state-of-the-art in all areas where "being green" matters - from the economical use of resources to an overall environmentally friendly production process.

Sustainable production

- > Top priority: keeping soil, water and air clean
- > Efficient handling of the renewable energies used
- > State-of-the-art building insulation
- > Demand-based interior lighting with motion detectors, economical LED technology and automated blinds
- > Designed in accordance with the German Energy Conservation Act (EnEV)
- > Ventilation systems with heat recovery
- > Most of the electricity comes from wind power
- > Zero liquid discharge (no process water)
- > Zero emissions from forklift trucks - electric drives
- > Using powder instead of paint (in 90 % of cases)
- > High-tech helps in the fight against coronavirus - direct extraction ventilation system, growth protection



BENNINGHOVEN
SUSTAINABILITY

BENNINGHOVEN FACTORY IN WITTLICH

IT'S ALL IN THE MIX.

Leading asphalt mixing plant technology.

BENNINGHOVEN PRODUCT RANGE

Page

- 06 **ECO**
Asphalt mixing plant
"The all-rounder"
- 16 **TBA**
Asphalt mixing plant
"The specialist"
- 24 **RPP**
Recycling plant
"The sustainable one"
- 44 **RETROFIT
SOLUTIONS**

State of the Art! BENNINGHOVEN has been following this approach for over a century. Through consistent development, growing from a trade workshop to a globally active company, BENNINGHOVEN is a pacesetter 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 economic way.

BENNINGHOVEN is part of the expanding, worldwide active WIRTGEN GROUP which has been part of John Deere since late 2017.

PLANT TYPE ECO

Transportable asphalt mixing plants



● **OVERVIEW ECO**

- **ECO 1250 PLUS**
- **ECO 2000**
- **ECO 2000 PLUS**
- **ECO 3000**
- **ECO 3000 PLUS**
- **ECO 4000**

The ECO transportable asphalt mixing plant with capacities from 100 to 320 t/h impressively demonstrates BENNINGHOVEN technologies and the high manufacturing standards. The modular structure makes it possible to integrate a number of high-tech components which can be retrofitted quickly and easily using the “Plug & Work” principle. This enables plant owners to increase both the economic efficiency and the investment security of the plant.

The plant is characterised by a high level of mobility and therefore optimum flexibility. It is suitable for stationary operation but can also handle fast site changes without any loss of quality, delivering a crucial benefit for large temporary construction sites.

Plug & Work

Fast assembly and installation

High-tech plant power

Wide range of mixing capacities 100 - 320 t/h

Recycling⁺

Feed rate of up to 70 %

Transportation

Transport-optimised container dimensions

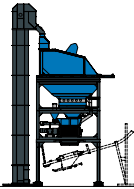
User benefit

Ergonomics, health & safety and maintenance solution

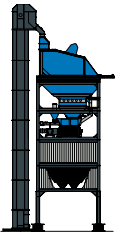
ECO

17 t
HOT BIN SECTION

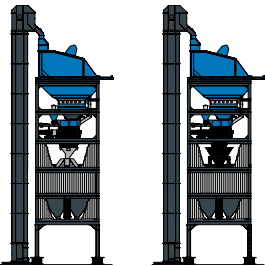
TECHNICAL DATA			
Elevator	90 – 300 t/h	Mixing capacity	100 – 320 t/h
Screen (4-deck)	90/200 t/h	Clearance height	4,000 mm
Screen (5-deck)	90/220/270 t/h	Installation	Concrete or mobile steel foundations
Hot bin section	17 t		
Hot bins	5/6		
Mixer	2 – 4 t		



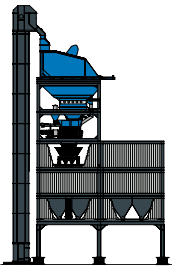
ECO 1250 PLUS / 2000 / 3000 / 4000	
Mixed material storage silo capacity	0 t
Overflow channel	
Plant height	max. 18,500 mm



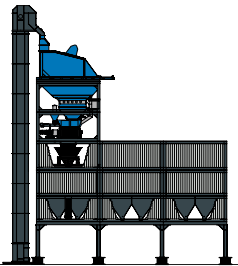
ECO 1250 PLUS / 2000 / 3000 / 4000	
Mixed material storage silo capacity	53 t
Mixing tower	53 t
Overflow channel	
Plant height	max. 23,000 mm



ECO 2000 / 3000 / 4000	
Mixed material storage silo capacity	60 t
Mixing tower	2 x 26 t
Direct loading	8 t
Transfer in the plant	Skip or Diverter chute
Overflow channel	
Plant height	max. 26,200 mm

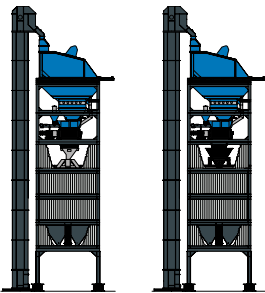


ECO 2000 / 3000 / 4000	
Mixed material storage silo capacity	120 t
Mixing tower	2 x 26 t
Secondary tower 1	2 x 30 t
Direct loading	8 t
Overflow channel	
Plant height	max. 26,200 mm

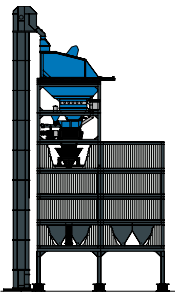


ECO 2000 / 3000 / 4000	
Mixed material storage silo capacity	180 t
Mixing tower	2 x 26 t
Secondary tower 1	2 x 30 t
Secondary tower 2	2 x 30 t
Direct loading	8 t
Overflow channel	
Plant height	max. 26,200 mm

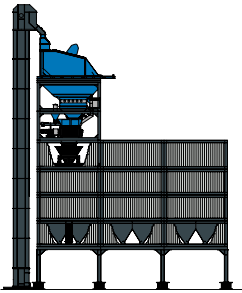




ECO 2000 / 3000 / 4000	
Mixed material storage silo capacity	109 t
Mixing tower	2 x 48 t
Direct loading	13 t
Transfer in the plant	Skip or Diverter chute
Overflow channel	
Plant height	max. 28,800 mm



ECO 2000 / 3000 / 4000	
Mixed material storage silo capacity	217 t
Mixing tower	2 x 48 t
Secondary tower 1	2 x 54 t
Direct loading	13 t
Overflow channel	
Plant height	max. 28,800 mm



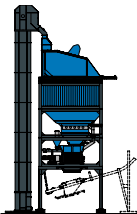
ECO 2000 / 3000 / 4000	
Mixed material storage silo capacity	325 t
Mixing tower	2 x 48 t
Secondary tower 1	2 x 54 t
Secondary tower 2	2 x 54 t
Direct loading	13 t
Overflow silo	3 m³
Plant height	max. 28,800 mm



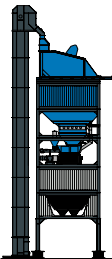
ECO

55 t
HOT BIN SECTION

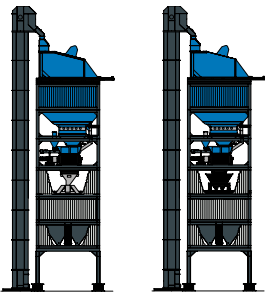
TECHNICAL DATA			
Elevator	90 - 300 t/h	Mixer	2 - 4 t
Screen (4-deck)	90 / 200 t/h	Mixing capacity	100 - 320 t/h
Screen (5-deck)	90 / 220 / 270 t/h	Clearance height	4,000 mm
Screen (6-deck)	220 t/h	Installation	Concrete or mobile steel foundations
Hot bin section	55 t		
Hot bins	5 / 6		



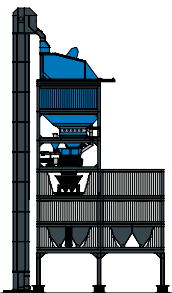
ECO 1250 PLUS / 2000 / 3000 / 4000	
Mixed material storage silo capacity	0 t
Overflow channel	
Plant height	max. 21,100 mm



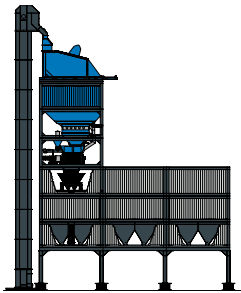
ECO 1250 PLUS / 2000 / 3000 / 4000	
Mixed material storage silo capacity	53 t
Mixing tower	53 t
Overflow channel	
Plant height	max. 25,600 mm



ECO 2000 / 3000 / 4000	
Mixed material storage silo capacity	60 t
Mixing tower	2 x 26 t
Direct loading	8 t
Transfer in the plant	Skip or Diverter chute
Overflow channel	
Plant height	max. 28,800 mm

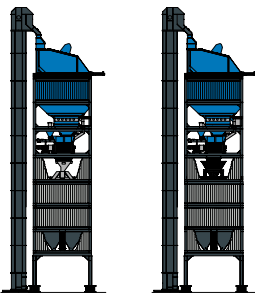


ECO 2000 / 3000 / 4000	
Mixed material storage silo capacity	120 t
Mixing tower	2 x 26 t
Secondary tower 1	2 x 30 t
Direct loading	8 t
Overflow channel	
Plant height	max. 28,800 mm

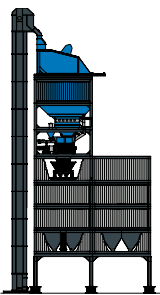


ECO 2000 / 3000 / 4000	
Mixed material storage silo capacity	180 t
Mixing tower	2 x 26 t
Secondary tower 1	2 x 30 t
Secondary tower 2	2 x 30 t
Direct loading	8 t
Overflow channel	
Plant height	max. 28,800 mm

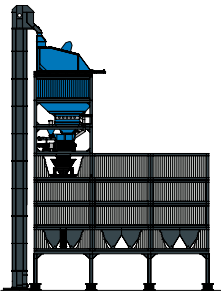




ECO 2000 / 3000 / 4000	
Mixed material storage silo capacity	109 t
Mixing tower	2 x 48 t
Direct loading	13 t
Transfer in the plant	Skip or Diverter chute
Overflow channel	
Plant height	max. 31,400 mm



ECO 2000 / 3000 / 4000	
Mixed material storage silo capacity	217 t
Mixing tower	2 x 48 t
Secondary tower 1	2 x 54 t
Direct loading	13 t
Overflow channel	
Plant height	max. 31,400 mm



ECO 2000 / 3000 / 4000	
Mixed material storage silo capacity	325 t
Mixing tower	2 x 48 t
Secondary tower 1	2 x 54 t
Secondary tower 2	2 x 54 t
Direct loading	13 t
Overflow silo	3 m³
Plant height	max. 31,400 mm



PLANT TYPE TBA

Transportable asphalt mixing plants



● OVERVIEW TBA

- TBA 2000 PLUS
- TBA 3000
- TBA 3000 PLUS
- TBA 4000

TBA plants are impressive specialists. This is where maximum flexibility meets strong system performance. The TBA transportable asphalt mixing plant covers the performance range from 160 to 320 t/h and is suitable for semi-mobile and stationary use.

The large storage capacities of the hot bin section and mixed material loading silo offer real added value. Intermediate storage of the dried, heated and sorted virgin mineral is available in capacities of 60 t, 80 t and 130 t in 5, 6 or 7 bins. There is also an option of combining or separating sand and bypass.

An integrated mixed material loading silo in dimensions from 42 to 517 t ensures a sufficient buffer while also providing storage capacity for up to seven asphalt types (recipes). Thanks to the modular system, it can be expanded or retrofitted at any time.

High-tech plant power

Wide range of mixing capacities 160 - 320 t/h

Plug & Work

Fast assembly and installation

Recycling⁺

Feed rate of up to 70 % (with Retrofit)

User benefit

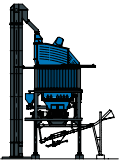
Ergonomics, health & safety and maintenance solution

TBA

60 t
HOT BIN SECTION

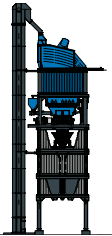
TECHNICAL DATA

	TBA 2000 PLUS	TBA 3000	TBA 4000
Elevator	160 t/h	220 t/h	300 t/h
Screen	160 t/h	240 t/h	320 t/h
Screening	5 - 6-deck	5 - 6-deck	6-deck
Hot bin section	60 t	60 t	60 t
Hot bins	5/6/7	5/6/7	5/6/7
Mixer	3 t	3 t	4 t
Mixing capacity	160 t/h	240 t/h	320 t/h
Clearance height	4,200 mm	4,200 mm	4,200 mm
Installation	Concrete or mobile steel foundations		



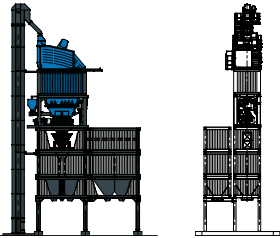
TBA 2000 PLUS/3000/4000

Mixed material storage silo capacity	0 t
Plant height	max. 17,200 mm



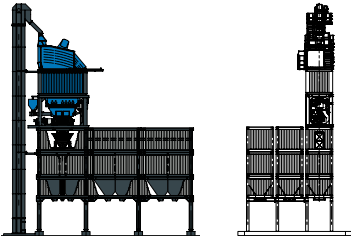
TBA 2000 PLUS/3000/4000

Mixed material storage silo capacity	94 t
Mixing tower	2 x 43 t
Direct loading	8 t
Oversize aggregate / overflow	3 t
Plant height	max. 28,700 mm



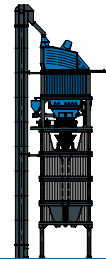
TBA 2000/3000/4000

Mixed material storage silo capacity	194 t
Mixing tower	2 x 43 t
Secondary tower 1	2 x 50 t
Direct loading	8 t
Oversize aggregate / overflow	3 t
Plant height	max. 28,700 mm



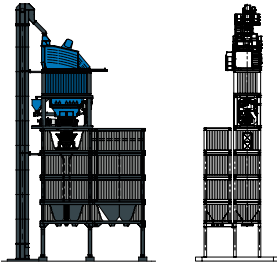
TBA 2000/3000/4000

Mixed material storage silo capacity	294 t
Mixing tower	2 x 43 t
Secondary tower 1	2 x 50 t
Secondary tower 2	2 x 50 t
Direct loading	8 t
Oversize aggregate / overflow	3 t
Plant height	max. 28,700 mm



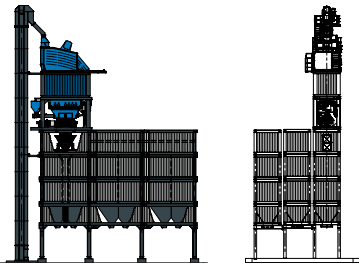
TBA 2000 PLUS/3000/4000

Mixed material storage silo capacity	165 t
Mixing tower	2 x 76 t
Direct loading	13 t
Oversize aggregate / overflow	5 t
Plant height	max. 31,700 mm



TBA 2000 PLUS/3000/4000

Mixed material storage silo capacity	341 t
Mixing tower	2 x 76 t
Secondary tower 1	2 x 88 t
Direct loading	13 t
Oversize aggregate / overflow	5 t
Plant height	max. 31,700 mm



TBA 2000 PLUS/3000/4000

Mixed material storage silo capacity	517 t
Mixing tower	2 x 76 t
Secondary tower 1	2 x 88 t
Secondary tower 2	2 x 88 t
Direct loading	13 t
Oversize aggregate / overflow	5 t
Plant height	max. 31,700 mm

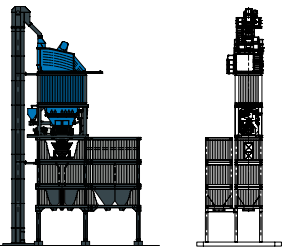


TBA

80 t
HOT BIN SECTION

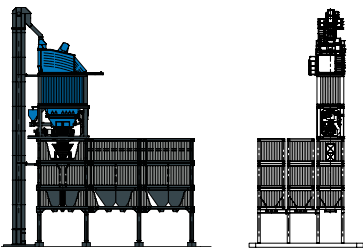
TECHNICAL DATA

	TBA 2000 PLUS	TBA 3000	TBA 4000
Elevator	160 t/h	220 t/h	300 t/h
Screen	160 t/h	240 t/h	320 t/h
Screening	5 - 6-deck	5 - 6-deck	6-deck
Hot bin section	80 t	80 t	80 t
Hot bins	5/6/7	5/6/7	5/6/7
Mixer	3 t	3 t	4 t
Mixing capacity	160 t/h	240 t/h	320 t/h
Clearance height	4,200 mm	4,200 mm	4,200 mm
Installation	Concrete or mobile steel foundations		



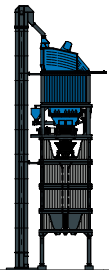
TBA 2000 PLUS / 3000 / 4000

Mixed material storage silo capacity	194 t
Mixing tower	2 x 43 t
Secondary tower 1	2 x 50 t
Direct loading	8 t
Oversize aggregate / overflow	3 t
Plant height	max. 29,500 mm



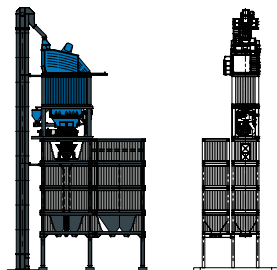
TBA 2000 PLUS / 3000 / 4000

Mixed material storage silo capacity	294 t
Mixing tower	2 x 43 t
Secondary tower 1	2 x 50 t
Secondary tower 2	2 x 50 t
Direct loading	8 t
Oversize aggregate / overflow	3 t
Plant height	max. 29,500 mm



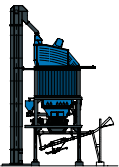
TBA 2000 PLUS / 3000 / 4000

Mixed material storage silo capacity	165 t
Mixing tower	2 x 76 t
Direct loading	13 t
Oversize aggregate / overflow	5 t
Plant height	max. 32,500 mm



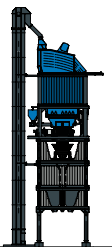
TBA 2000 PLUS / 3000 / 4000

Mixed material storage silo capacity	341 t
Mixing tower	2 x 76 t
Secondary tower 1	2 x 88 t
Direct loading	13 t
Oversize aggregate / overflow	5 t
Plant height	max. 32,500 mm



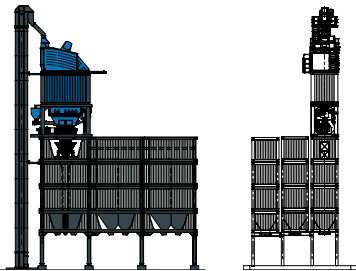
TBA 2000 PLUS / 3000 / 4000

Mixed material storage silo capacity	0 t
Plant height	max. 21,300 mm



TBA 2000 PLUS / 3000 / 4000

Mixed material storage silo capacity	94 t
Mixing tower	2 x 43 t
Direct loading	8 t
Oversize aggregate / overflow	3 t
Plant height	max. 29,500 mm



TBA 2000 PLUS / 3000 / 4000

Mixed material storage silo capacity	517 t
Mixing tower	2 x 76 t
Secondary tower 1	2 x 88 t
Secondary tower 2	2 x 88 t
Direct loading	13 t
Oversize aggregate / overflow	5 t
Plant height	max. 32,500 mm

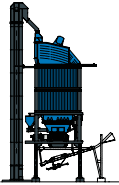


TBA

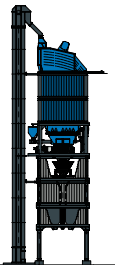
130 t

HOT BIN SECTION

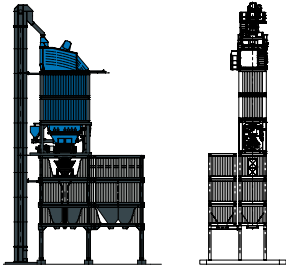
TECHNICAL DATA			
	TBA 2000 PLUS	TBA 3000	TBA 4000
Elevator	160 t/h	220 t/h	300 t/h
Screen	160 t/h	240 t/h	320 t/h
Screening	5 - 6-deck	5 - 6-deck	6-deck
Hot bin section	130 t	130 t	130 t
Hot bins	5/6/7	5/6/7	5/6/7
Mixer	3 t	3 t	4 t
Mixing capacity	160 t/h	240 t/h	320 t/h
Clearance height	4,200 mm	4,200 mm	4,200 mm
Installation	Concrete or mobile steel foundations		



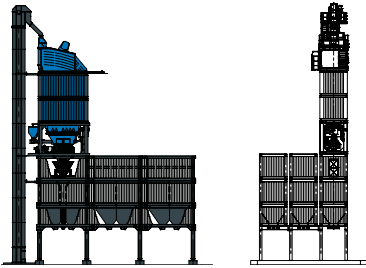
TBA 2000 PLUS / 3000 / 4000	
Mixed material storage silo capacity	0 t
Plant height	max. 23,500 mm



TBA 2000 PLUS / 3000 / 4000	
Mixed material storage silo capacity	94 t
Mixing tower	2 x 43 t
Direct loading	8 t
Oversize aggregate / overflow	3 t
Plant height	max. 31,700 mm



TBA 2000 PLUS / 3000 / 4000	
Mixed material storage silo capacity	194 t
Mixing tower	2 x 43 t
Secondary tower 1	2 x 50 t
Direct loading	8 t
Oversize aggregate / overflow	3 t
Plant height	max. 31,700 mm



TBA 2000 PLUS / 3000 / 4000	
Mixed material storage silo capacity	294 t
Mixing tower	2 x 43 t
Secondary tower 1	2 x 50 t
Secondary tower 2	2 x 50 t
Direct loading	8 t
Oversize aggregate / overflow	3 t
Plant height	max. 31,700 mm

PLANT TYPE RPP

Stationary asphalt mixing plants



● OVERVIEW RPP

- RPP 3000 PLUS PD 180
- RPP 3000 PLUS HG 180 / HG 200 / HG 220
- RPP 4000 PD 180
- RPP 4000 HG 180 / HG 200 / HG 220
- RPP 4000 PLUS PD 180
- RPP 4000 PLUS HG 180 / HG 200 / HG 220

The RPP stationary plant type is the specialist for recycling in the BENNINGHOVEN product range. The powerful RPP plants 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 customer's economic requirements. RPP enables customers to secure the market and dominate it over many years.

RPP plants are equipped with "RECYCLING+" and impress with the maximum recycling addition rate of up to 100 %. With low emissions, the plant makes an effective contribution to energy efficiency, economic efficiency and active environmental protection.

Recycling+
Feed rate of up to 100 %

Eco-friendly
Low environmental impact (emissions)

High-tech plant power
Wide range of mixing capacities 160 - 320 t/h

Plug & Work
Location concept with flexible modular system

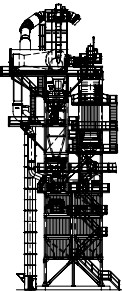
User benefit
Ergonomics, health & safety and maintenance solution

RPP - RECYCLING DRUM
WITH HOT GAS GENERATOR

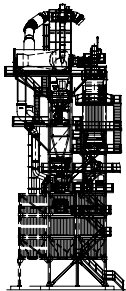
60 t
HOT BIN SECTION

Recycling plant capacity 180 / 200 / 220 t/h

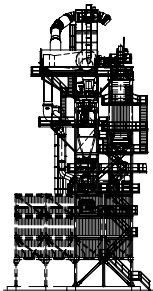
TECHNICAL DATA			
Screen tower		Mixing/recycling tower	
Elevator	220 - 300 t/h	RAP elevator	180 / 200 / 220 t/h
Screen	240 - 320 t/h	RAP drum	180 / 200 / 220 t/h
Screening	6-deck	Hot gas generator	Type 2 / Type 3
Mixer	4 - 5 t	RAP weigher	4 t
Mixing capacity	240 - 320 t/h	Clearance height	4,200 mm



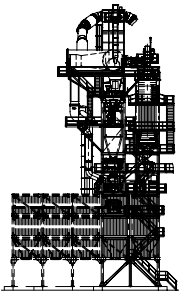
RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	325 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Plant height	max. 39,500 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	485 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1	2 x 80 t
Plant height	max. 39,500 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	645 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1 / 2	2 x 80 t per sec. tower
Plant height	max. 39,500 mm



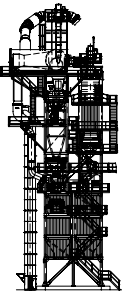
RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	805 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1 / 2 / 3	2 x 80 t per sec. tower
Plant height	max. 39,500 mm

RPP - RECYCLING DRUM
WITH HOT GAS GENERATOR

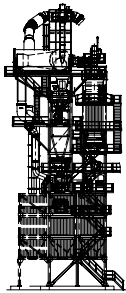
80 t
HOT BIN SECTION

Recycling plant capacity 180 / 200 / 220 t/h

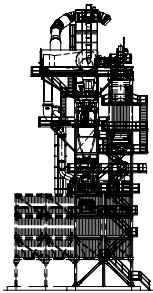
TECHNICAL DATA			
Screen tower		Mixing/recycling tower	
Elevator	220 - 300 t/h	RAP elevator	180 / 200 / 220 t/h
Screen	240 - 320 t/h	RAP drum	180 / 200 / 220 t/h
Screening	6-deck	Hot gas generator	Type 2 / Type 3
Mixer	4 - 5 t	RAP weigher	4 t
Mixing capacity	240 - 320 t/h	Clearance height	4,200 mm



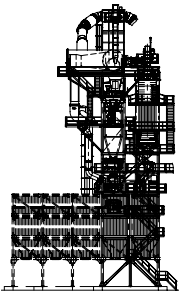
RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	325 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Plant height	max. 39,500 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	485 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1	2 x 80 t
Plant height	max. 39,500 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	645 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1 / 2	2 x 80 t per sec. tower
Plant height	max. 39,500 mm



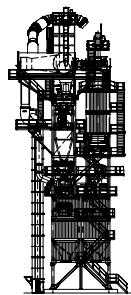
RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	805 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1 / 2 / 3	2 x 80 t per sec. tower
Plant height	max. 39,500 mm

RPP - RECYCLING DRUM
WITH HOT GAS GENERATOR

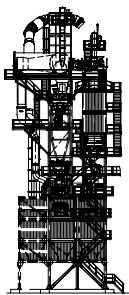
130 t
HOT BIN SECTION

Recycling plant capacity 180 / 200 / 220 t/h

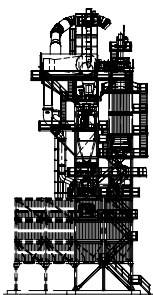
TECHNICAL DATA			
Screen tower		Mixing/recycling tower	
Elevator	220 - 300 t/h	RAP elevator	180 / 200 / 220 t/h
Screen	240 - 320 t/h	RAP drum	180 / 200 / 220 t/h
Screening	6-deck	Hot gas generator	Type 2 / Type 3
Mixer	4 - 5 t	RAP weigher	4 t
Mixing capacity	240 - 320 t/h	Clearance height	4,200 mm



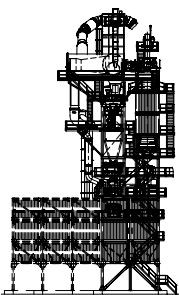
RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	325 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Plant height	max. 39,500 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	485 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1	2 x 80 t
Plant height	max. 39,500 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	645 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1 / 2	2 x 80 t per sec. tower
Plant height	max. 39,500 mm



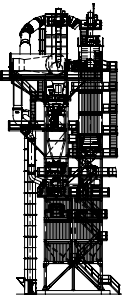
RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	805 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1 / 2 / 3	2 x 80 t per sec. tower
Plant height	max. 39,500 mm

RPP - RECYCLING DRUM
WITH HOT GAS GENERATOR

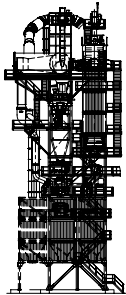
150 t
HOT BIN SECTION

Recycling plant capacity 180 / 200 / 220 t/h

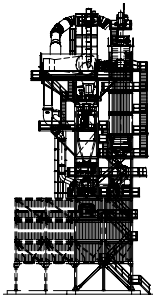
TECHNICAL DATA			
Screen tower		Mixing/recycling tower	
Elevator	220 - 300 t/h	RAP elevator	180 / 200 / 220 t/h
Screen	240 - 320 t/h	RAP drum	180 / 200 / 220 t/h
Screening	6-deck	Hot gas generator	Type 2 / Type 3
Mixer	4 - 5 t	RAP weigher	4 t
Mixing capacity	240 - 320 t/h	Clearance height	4,200 mm



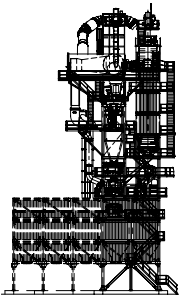
RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	325 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Plant height	max. 40,000 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	485 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1	2 x 80 t
Plant height	max. 40,000 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	645 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1 / 2	2 x 80 t per sec. tower
Plant height	max. 40,000 mm



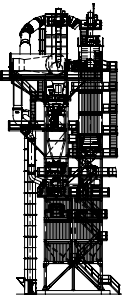
RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	805 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1 / 2 / 3	2 x 80 t per sec. tower
Plant height	max. 40,000 mm

RPP - RECYCLING DRUM
WITH HOT GAS GENERATOR

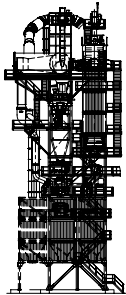
190 t
HOT BIN SECTION

Recycling plant capacity 180 / 200 / 220 t/h

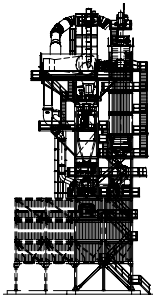
TECHNICAL DATA			
Screen tower		Mixing/recycling tower	
Elevator	300 t/h	RAP elevator	180 / 200 / 220 t/h
Screen	320 t/h	RAP drum	180 / 200 / 220 t/h
Screening	6-deck	Hot gas generator	Type 2 / Type 3
Mixer	4 - 5 t	RAP weigher	4 t
Mixing capacity	320 - 400 t/h	Clearance height	4,200 mm



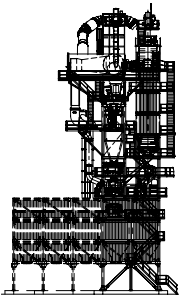
RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	325 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Plant height	max. 41,500 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	485 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1	2 x 80 t
Plant height	max. 41,500 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	645 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1 / 2	2 x 80 t per sec. tower
Plant height	max. 41,500 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	805 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1 / 2 / 3	2 x 80 t per sec. tower
Plant height	max. 41,500 mm

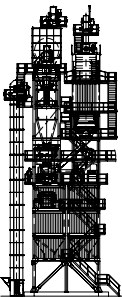
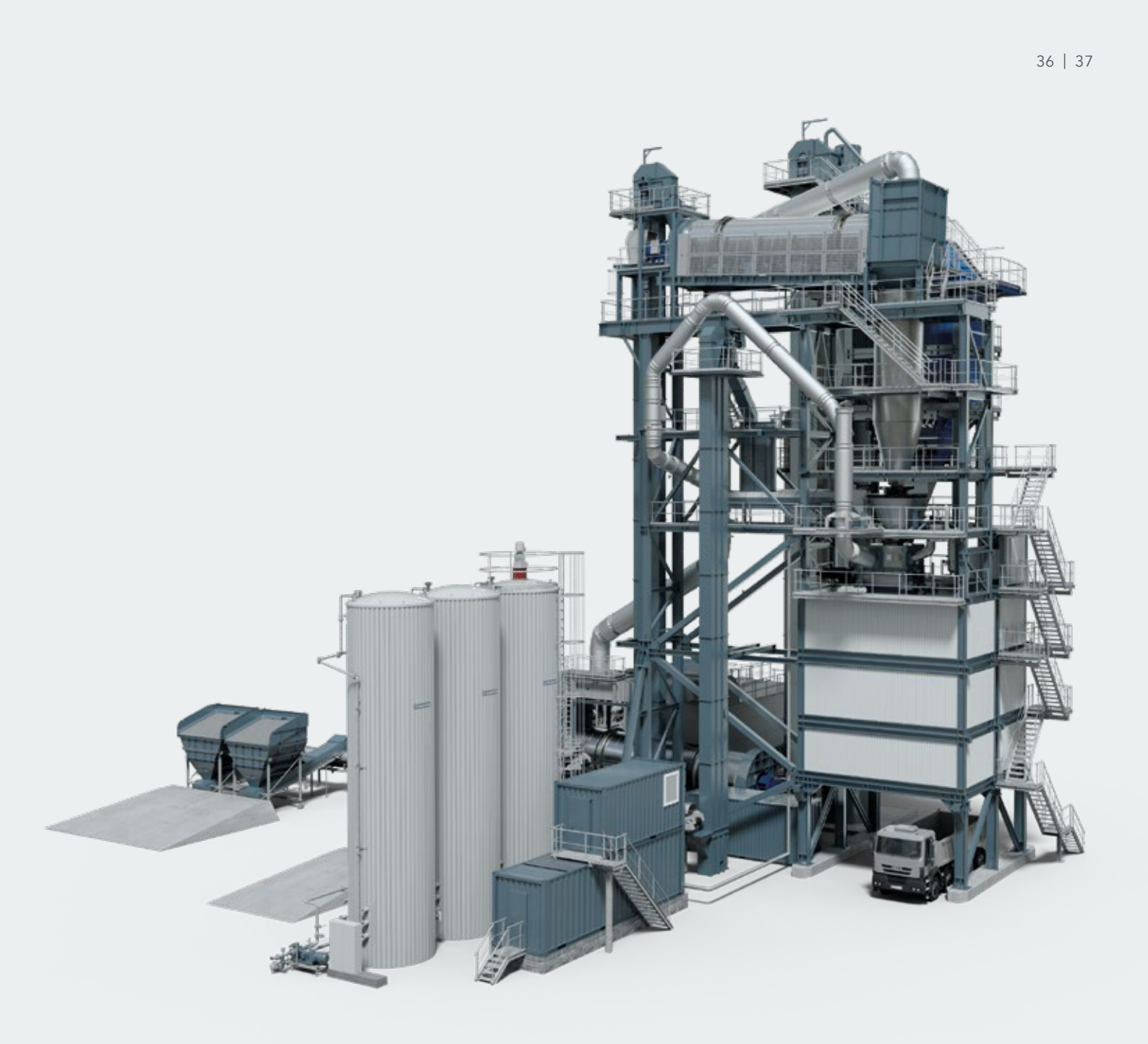
RPP - PARALLEL DRUM

Recycling plant capacity 180 t/h

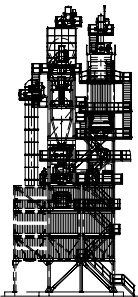
80 t

HOT BIN SECTION

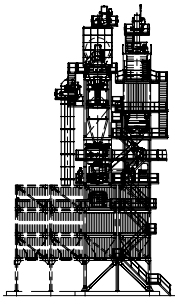
TECHNICAL DATA			
Screen tower		Mixing/recycling tower	
Elevator	220 - 300 t/h	RAP elevator	180 t/h
Screen	240 - 320 t/h	RAP drum	180 t/h
Screening	6-deck	RAP weigher	4 t
Mixer	4 t	Clearance height	4,200 mm
Mixing capacity	240 - 320 t/h		



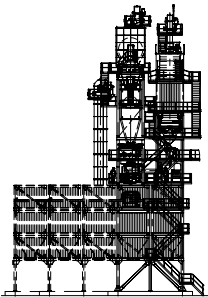
RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	325 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Plant height	max. 35,000 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	485 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1	2 x 80 t
Plant height	max. 35,000 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	645 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1 / 2	2 x 80 t per sec. tower
Plant height	max. 35,000 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	805 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1 / 2 / 3	2 x 80 t per sec. tower
Plant height	max. 35,000 mm

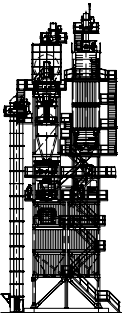
RPP - PARALLEL DRUM

Recycling plant capacity 180 t/h

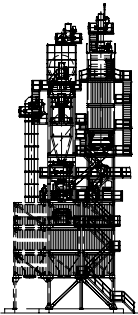
130 t

HOT BIN SECTION

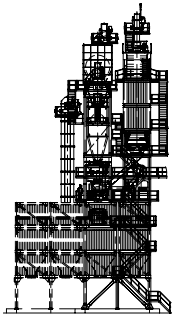
TECHNICAL DATA			
Screen tower		Mixing/recycling tower	
Elevator	220 - 300 t/h	RAP elevator	180 t/h
Screen	240 - 320 t/h	RAP drum	180 t/h
Screening	6-deck	RAP weigher	4 t
Mixer	4 t	Clearance height	4,200 mm
Mixing capacity	240 - 320 t/h		



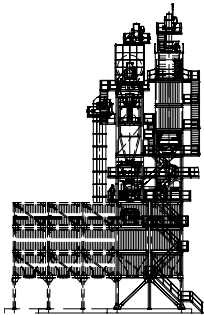
RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	325 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Plant height	max. 37,000 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	485 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1	2 x 80 t
Plant height	max. 37,000 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	645 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1 / 2	2 x 80 t per sec. tower
Plant height	max. 37,000 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	805 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1 / 2 / 3	2 x 80 t per sec. tower
Plant height	max. 37,000 mm

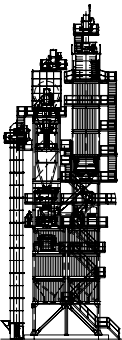
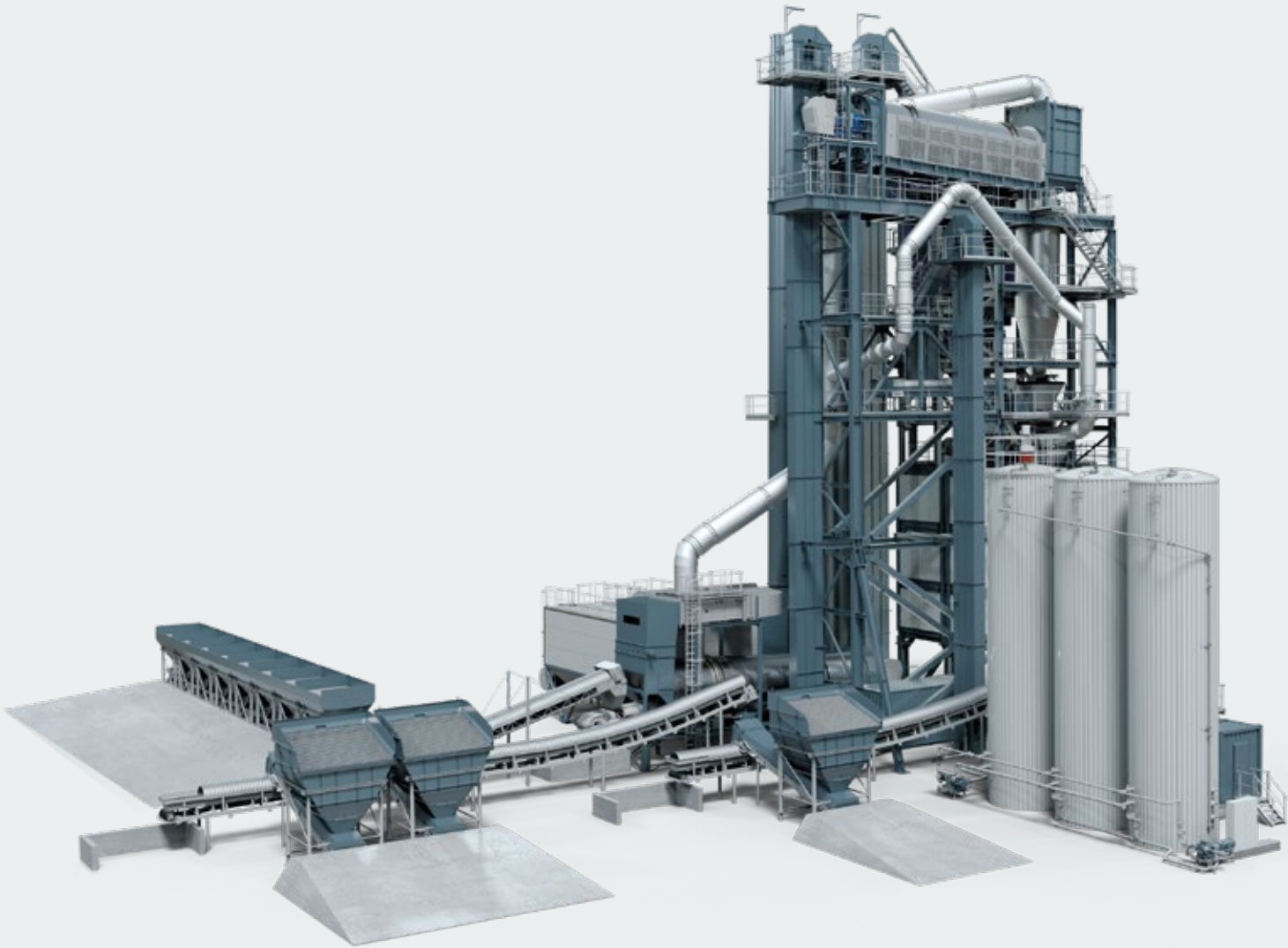
RPP - PARALLEL DRUM

Recycling plant capacity 180 t/h

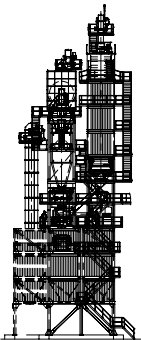
150 t

HOT BIN SECTION

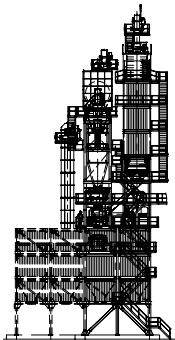
TECHNICAL DATA			
Screen tower		Mixing/recycling tower	
Elevator	220 - 300 t/h	RAP elevator	180 t/h
Screen	240 - 320 t/h	RAP drum	180 t/h
Screening	6-deck	RAP weigher	4 t
Mixer	4 t	Clearance height	4,200 mm
Mixing capacity	240 - 320 t/h		



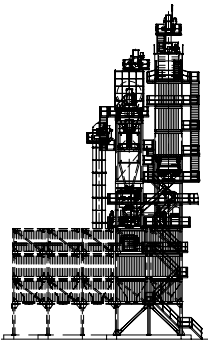
RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	325 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Plant height	max. 40,000 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	485 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1	2 x 80 t
Plant height	max. 40,000 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	645 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1 / 2	2 x 80 t per sec. tower
Plant height	max. 40,000 mm



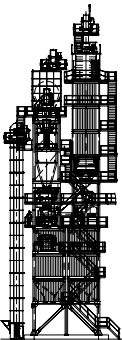
RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	805 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1 / 2 / 3	2 x 80 t per sec. tower
Plant height	max. 40,000 mm

RPP - PARALLEL DRUM

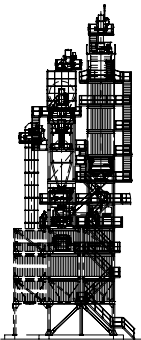
Recycling plant capacity 180 t/h

190 t
HOT BIN SECTION

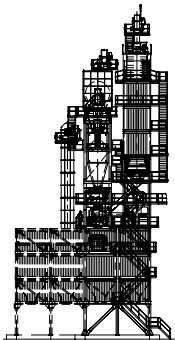
TECHNICAL DATA			
Screen tower		Mixing/recycling tower	
Elevator	300 t/h	RAP elevator	180 t/h
Screen	320 t/h	RAP drum	180 t/h
Screening	6-deck	RAP weigher	4 t
Mixer	4 t	Clearance height	4,200 mm
Mixing capacity	320 - 400 t/h		



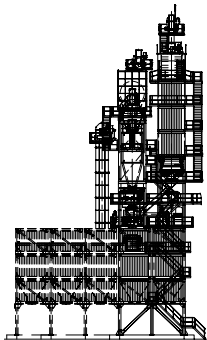
RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	325 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Plant height	max. 41,500 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	485 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1	2 x 80 t
Plant height	max. 41,500 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	645 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1/2	2 x 80 t per sec. tower
Plant height	max. 41,500 mm



RPP 3000 PLUS / RPP 4000 / 4000 PLUS	
Mixed material storage silo capacity	805 t
Screen tower	2 x 80 t
Mixing/recycling tower	2 x 75 t
Direct loading	15 t
Overflow/oversize aggregate silo	6 t
Secondary tower 1/2/3	2 x 80 t per sec. tower
Plant height	max. 41,500 mm

RETROFIT SOLUTIONS

For BENNINGHOVEN plants or third-party plants



BURNER

- > Multi-fuel burner for 4 fuels
- > Fossil, renewable, carbon-neutral fuels, carbon-free fuels



DRYER DRUMS

- > Drum lengths from 8 to 12 m
- > Drum diameters 2 to 3 m in increments



DUST COLLECTION SYSTEMS

- > Volumetric flow 25,000 – 130,000 Nm³/h



LATERAL MIXED MATERIAL STORAGE SILOS

- > 80 t in 1 chamber – 450 t in 4 chambers



FOAM BITUMEN MODULE

- > Production of low-temperature asphalt



SOLID DOSING SYSTEMS

- > Granulate dosing system, powder dosing system, double dosing system



LIQUID DOSING SYSTEMS

- > Liquid additive system, release agent feed, process oil feed system



DIRECT DOSING SYSTEM INTO THE MIXER

- > 30 % RAP rate



MULTIVARIABLE DOSING SYSTSEM INTO THE MIXER

- > 40 % RAP rate (cold RAP and bulk materials)



RECYCLING DRUM WITH HOT GAS GENERATOR

- > 180/200/220 t/h



MIDDLE RING DOSING SYSTEM

- > 25 % RAP rate



VARIABLE DOSING SYSTEM INTO THE MIXER

- > 40 % RAP rate (only cold RAP)



PARALLEL DRUM

- > 180 t/h



REVOC-SYSTEM

- > Catalyst system for asphalt mixing plants

YOUR WIRTGEN GROUP CUSTOMER SUPPORT

Service you can always rely on.

Place your trust in our reliable and fast support during the complete life cycle of your machine. Our wide service offer includes suitable solutions to meet all of your challenges.



Service

We keep our service promises – with fast and uncomplicated assistance both on the building site and in our professional workshops. Our Service team has received expert training. Thanks to special tools, repair, care and maintenance work is completed quickly. Upon request, we can support you with tailored service agreements.

> www.wirtgen-group.com/service



Spare parts

Original parts and accessories from WIRTGEN GROUP can ensure the high reliability and availability of your machines in the long term. Our experts will be glad to advise you on application-optimised wear part solutions. Our parts are available worldwide, at any time and are easy to order.

> parts.wirtgen-group.com



Training

Staff responsible for the WIRTGEN GROUP's product brands are specialists in their areas and have decades of application experience. Our customers also greatly benefit from these experts. In our WIRTGEN GROUP training courses, we gladly pass on our knowledge to operators and service personnel.

> www.wirtgen-group.com/training



Telematics solutions

Construction machines with leading technology and perfected telematics solutions work hand-in-hand in the WIRTGEN GROUP. The Operations Center* – the digital platform for process, machine and service optimisation – enables you to not only simplify maintenance planning for your machines, but also to increase your productivity and cost-effectiveness.

> www.wirtgen-group.com/telematics

* The John Deere Operations Center™ (formerly WITOS) is currently not available in all countries. Please consult your responsible subsidiary or dealer if you have any questions.



BENNINGHOVEN



BENNINGHOVEN
Branch of Wirtgen Mineral
Technologies GmbH

Benninghovenstraße 1
54516 Wittlich
Germany

T: +49 6571 6978-0

M: info@benninghoven.com

 www.benninghoven.com