



MASTIC ASPHALT TECHNOLOGY

SPECIALISED MACHINES FOR ROAD CONSTRUCTION, CIVIL ENGINEERING AND BUILDING CONSTRUCTION



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WE AT LINNHOFF & HENNE

Your highest-quality partner for mastic asphalt technology

For over 140 years, Linnhoff & Henne has stood for pioneering solutions in the field of mastic asphalt technology. With a comprehensive portfolio of innovative machines, we offer everything you need for efficient and precise work in road and bridge construction.

Our products stand for quality "Made in Germany" and are in demand worldwide – whether on the roads of Germany, in tunnels or on impressive structures such as the Öresund Bridge. Each of our machines is developed and manufactured in state-of-the-art production halls with one clear goal: to exceed our customers' expectations.

In this leaflet, you will find a comprehensive overview of our mastic asphalt technology.

From powerful mastic asphalt cookers to precision pavers – discover machines that impress with their reliability, ease of use and innovative technology. With Linnhoff & Henne, you can rely on a partner who not only provides you with technology but also with real added value.

Be inspired and experience how our solutions can revolutionise your day-to-day!



YOUR CONTACT PERSONS

With us, you and your requirements take centre stage. Our team of experienced specialists will support you in all areas – from selecting the right machine to technical advice and spare parts service. Whether by phone, e-mail or in person – we are there for you to offer you the best possible solution.

We look forward to hearing from you!



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MASTIC ASPHALT SILOS

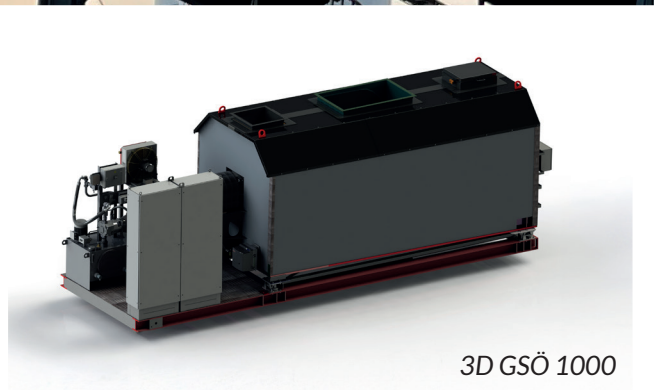
GSG/GSÖ/GSE

Boiler capacity up to 40,000 l

Mastic asphalt silos for integration into new or existing mixing plants from various manufacturers.

These stationary cookers are used for the production, storage and homogenisation of mastic asphalt.

As a plant manufacturer, we will be happy to provide you with a quotation for the complete integration of the silo system into an existing mixing plant, including the required installation work.



3D GSÖ 1000

Key data

One- and two-chamber systems featuring powerful horizontal agitator shaft

Heating system featuring oil or gas burner or as an alternative an electrical heating system

Stepless direct drive featuring reverse rotation

Low exhaust gas temperatures and high efficiency ensure low consumption values

Featuring safety temperature limiter / mixture temperature sensor



GSE 1800



Transport GSE 1800



Mixing plant

COMPLETE MIXING PLANT

For the in-house production of mastic asphalt in various capacities

Mixing plant components:

- Mastic asphalt silo
- Hot elevator
- Dosing plant
- Bitumen tank
- Filler silo
- Steel construction



Drum dryer

LH Drum dryer TR

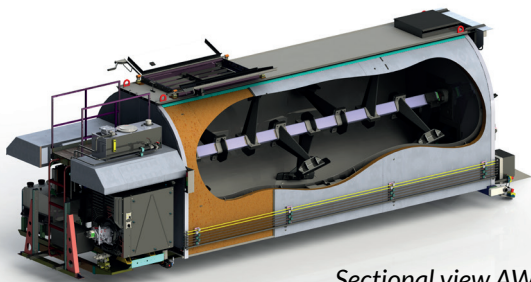
Key data

In-house production

Capacity 8–15 t/h

Efficient heating, mixing and drying system

MASTIC ASPHALT COOKER FEATURING HORIZONTAL AGITATOR



Sectional view AW

TRANSPORT COOKER

For the preparation, transport and remixing of mastic asphalt.

TRANSPORT COOKER AW

Featuring horizontal agitator

Key data

Capacity: 3,600 l up to 12,000 l

Can be mounted onto various base frames and chassis

Homogeneous preparation of the mastic asphalt

Optimum mixing process during transport





AWÖL 600 + AWÖL 502



AWÖL 502

ADVANTAGES OF OUR TRANSPORT COOKER AWÖL

Efficient drive system

Fundamental redesign of diesel engine, hydraulics and agitator results in fuel and CO₂ savings of 65%.

Innovative heating system

The efficient heating system results in fuel and CO₂ savings of 25%.

At the same time, an efficiency of up to 90% is achieved.

Lightweight construction

By reducing the weight, our transport cookers provides for a higher capacity of useful load. At the same time this results in a reduction of both, fuel consumption and wear and tear.



AWÖL 600



AWÖL 362

MASTIC ASPHALT COOKER FEATURING VERTICAL AGITATOR



GTÖAZ 13



Sectional view GT

TRANSPORT COOKER GT

Featuring vertical agitator

Key data

Capacity: 500 l up to 6,900 l

Cooker can be mounted onto various base frames and chassis

ADVANTAGES OF OUR TRANSPORT COOKER

Low dead weight

Powerful agitator

Featuring suspended agitator shaft (does not require a stuffing box seal).

Fully automatic heating system

Ensures high reliability (gas or oil).



GTAZ 5



GTÖ 13 + GTÖAZ 12



GTÖ 13

SPECIAL OR ADDITIONAL EQUIPMENT

All mastic asphalt cookers are customised and can be supplied with a wide range of special and additional equipment:

- diesel engine according to the latest EU standard
- fully automatic oil burners
- lateral outlet
- hydraulically actuated outlet
- worklights LED
- rotating beacon LED
- GPS data acquisition
- safety filler flap
- toolbox
- hydraulic filler flap
- and much more

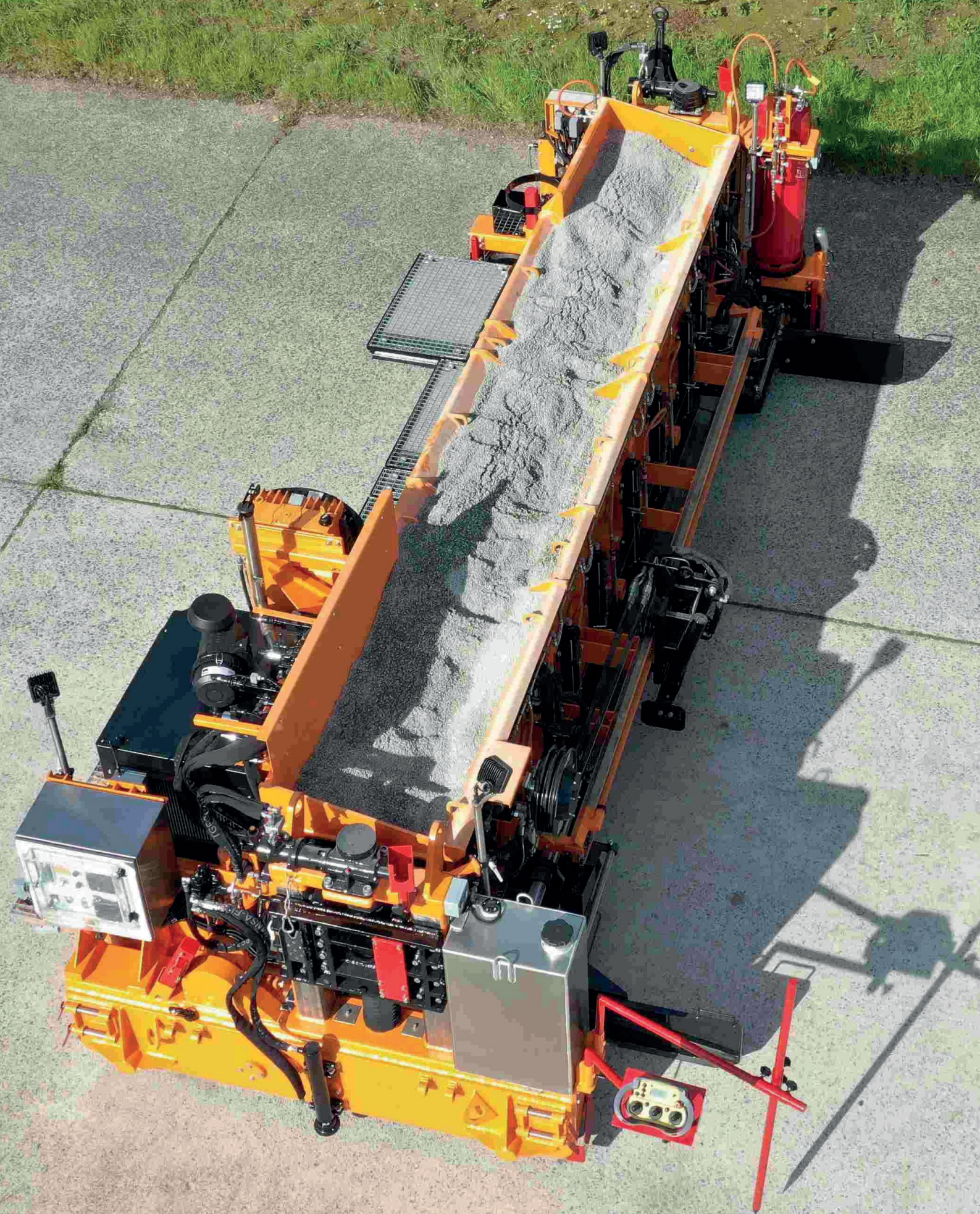


GTAZ 3



GTA 12 featuring turntable drawbar trailer

FINISHER



EB 25/40 S

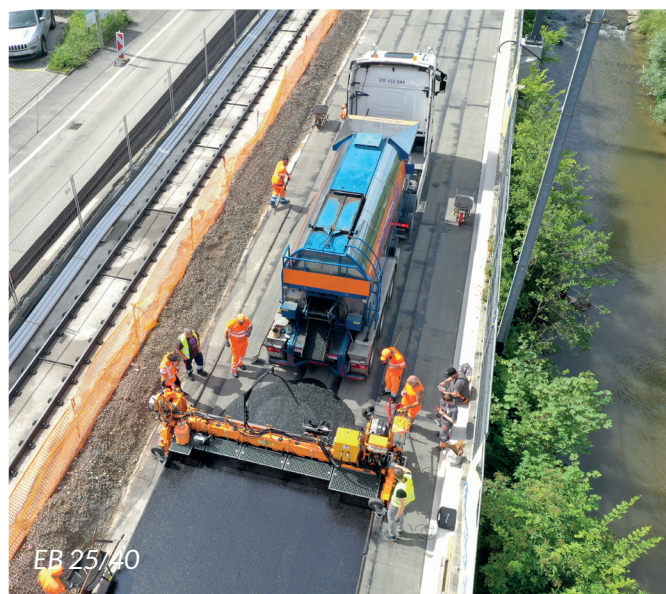
FINISHER

For quick and large-scale installation on parking lots, bridges, roads, footpaths and in multi-storey car parks and halls.

The installation width is determined by the number of variably exchangeable finisher bodies (a hydraulic version is also possible).

Drive types: Tracked and wheeled undercarriage

Control: 2D/3D options



DATA AT A GLANCE

TYPE

INSTALLATION WIDTH IN METRES

EB 25 - 40	1.00 m to 4.50 m	
EB 25 - 40 S	2.50 m to 5.00 m	with splitting
EB 50 - 75 / EB 50 - 75 S	2.50 m to 8.50 m	with and without splitting
EB 80 - 120 S + SP	3.50 m to 15.00 m	with splitting
S 85	Grit spreader	



EB 50/75

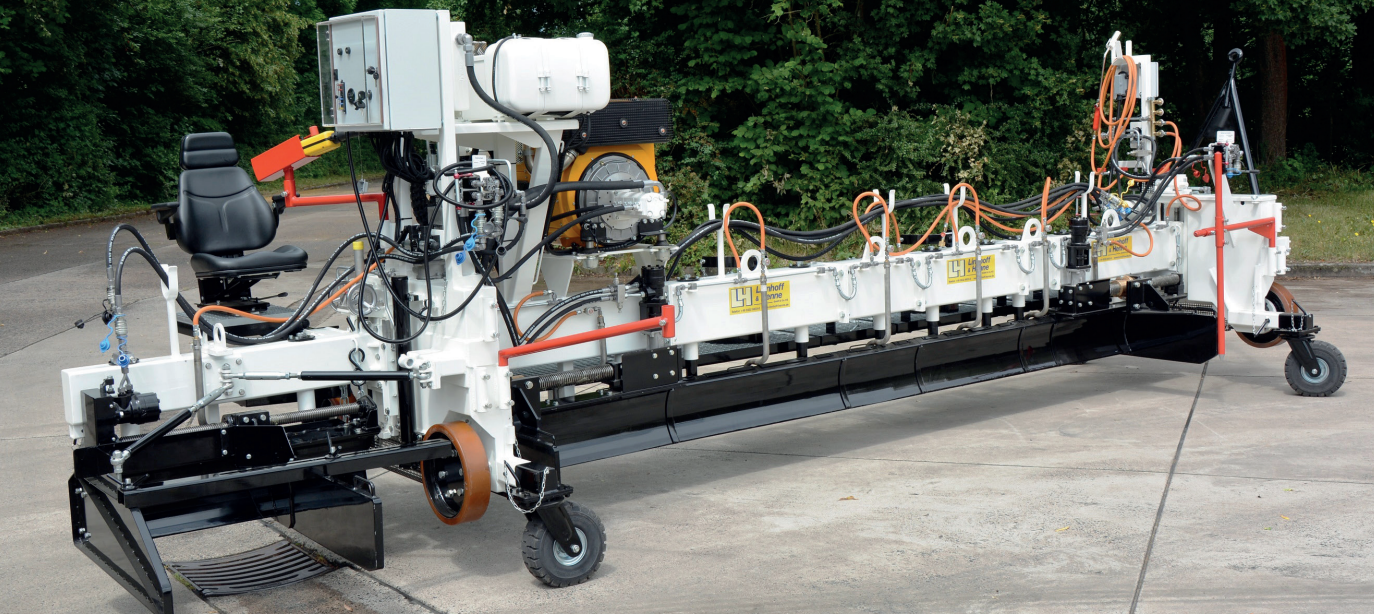


EB 80/120 SP



Mastic asphalt paving with finisher

FINISHER



FINISHER Without splitting

EB 25/40

Key data
Installation width 1.00 m to 4.50 m
.....
Available with and without sword distributor
.....
Radio remote control possible

EB 50/75

Key data
Installation width 2.75 m to 7.50 m
.....
Available with crawler chassis or Vulkollan tyres





Finisher and grit spreader in the track



EB 25 G

SPECIAL FINISHER

Special solutions for mastic asphalt paving

Special finisher solutions – perfectly tailored to your requirements!

No two construction sites are the same, and sometimes special solutions are required to achieve optimum results. That's why we at Linnhoff & Henne manufacture special solutions for finisher that are precisely tailored to your specific requirements. Whether special installation widths, special customisations or individual features – we work with you to develop the perfect solution.

Just contact us! Our team will be happy to give you advice and find the right finisher solution for your project.



EB25/40 Kombi



EB25 Vario



EB 50/75 S

FINISHER with splitting

EB 25/40 S

Key data

Installation width 2.50 m to 5.00 m

.....
Compact and clearly laid out

.....
Chassis featuring Vulkollan wheels

EB 50/75 S

Key data

Installation width 2.50 m to 8.50 m

.....
Featuring 2.50 m crawler chassis



Sword distributor in use



EB 25/40 S



EB 50/75 S



EB 80/120 SP



EB 80/120 SP during 3D installation

EB 80/120 S

Key data

Installation width 3.50 m to 15.00 m

Featuring 3.00 m crawler chassis



EB 80/120 S

EB 80/120 SP

Key data

Installation width 3.50 m to 15.00 m

Featuring four pendulum bogies

3D control can be integrated



Loading of EB 80/120 SP

DUMPER



D 600 featuring lifting shears



Special dumper equipment

DUMPER

Handy machines for transporting finished mixture to the construction site.

With dumpers, it is possible to install mastic asphalt on construction sites with limited space (e.g. multi-storey car parks, building construction, etc.). Thanks to the hydrostatic drive, the dumper can be manoeuvred precisely to the unloading site, even through unpaved terrain. The asphalt boiler features a hydraulically-driven vertical agitator.



D 600



D 600

D 600

Key data

Capacity: 550 l

Drive motor: 3-cylinder diesel engine

Direct hydraulic agitator drive (without chain)

Boiler tilting device and innovative heating system

Various optional extras available



GAV 250



GAV

MASTIC ASPHALT DISTRIBUTOR

GAV 250

Latest innovation developed in co-operation with Richard Rupprecht GmbH. Self-sufficient machine for conveying the mastic asphalt from the transport cooker to the paving site.

Key data

As trailer chassis of 2 t

Electrically heated feed screw

Conveying capacity: up to 30 t/h

Remote control

Working radius: approx. 3.00 m



Operation of distributing arm



Connection to transport cooker

LAYING MACHINE



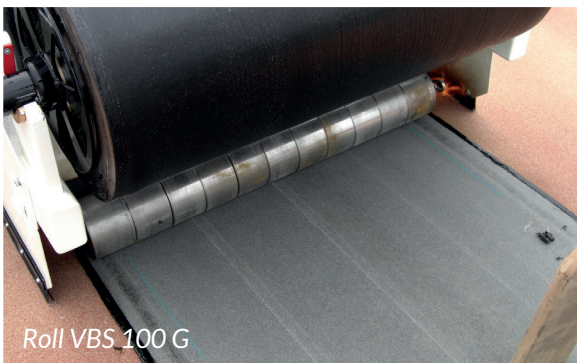
VBS 100 G

LAYING MACHINE

for bitumen sheets



VBS 100 K



Roll VBS 100 G



VBS 100 GS

Self-propelled laying machines featuring sturdy base frame, clearly laid out operating unit and chassis with a four-point support.

VBS 100 K

This small, handy machine is suitable for laying bitumen sheets, e.g. on car park decks.

Key data

Roll length up to 60 metres

Dimensions: 2.2 m x 1.2 m x 1.5 m

Empty weight: approx. 1,000 kg

Daily output: up to 800 sqm

VBS 100 G

This laying machine is ideal for large waterproofing projects on bridges.

Key data

Roll length up to 100 metres

Dimensions: 3.3 m x 1.2 m x 1.7 m

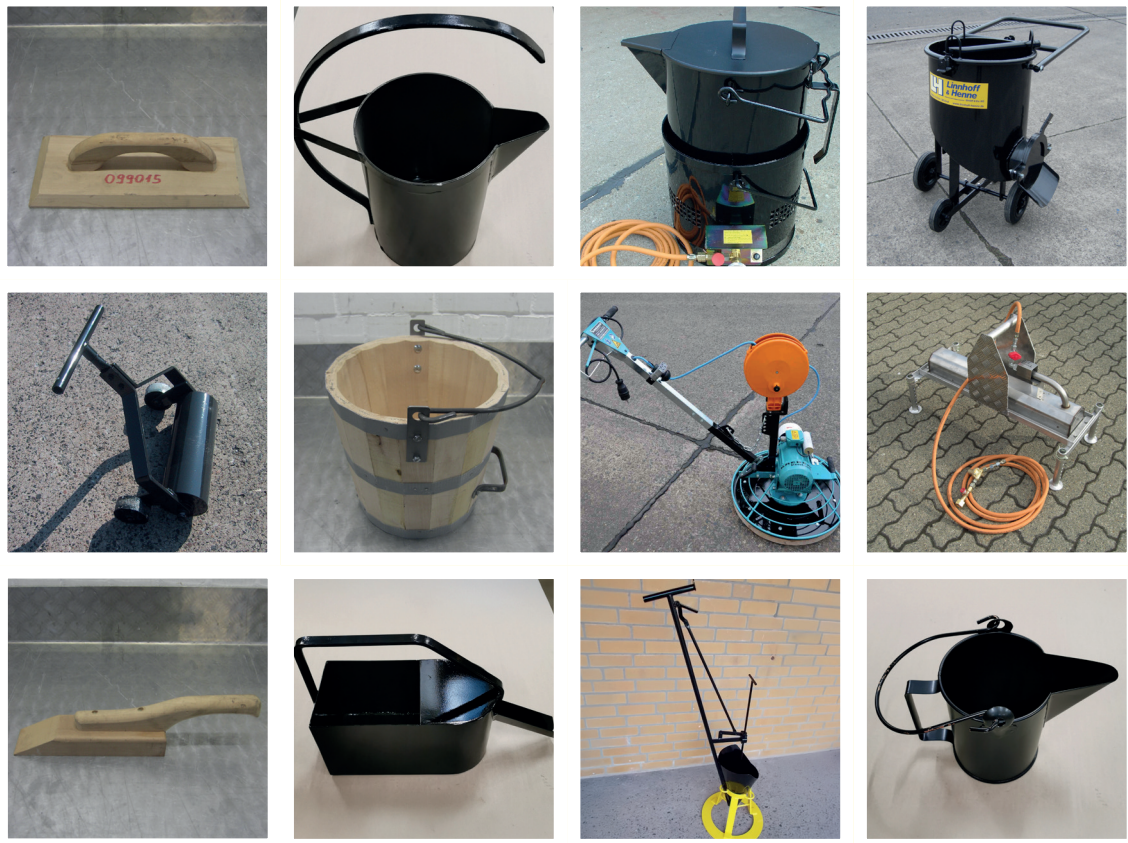
Empty weight: 1,200 kg

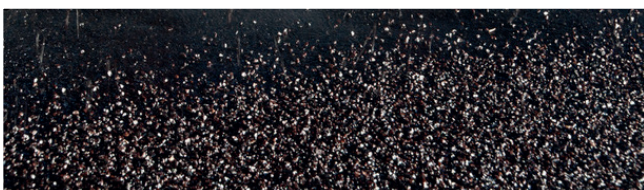
Daily output: from 800 to 1,500 sqm



TOOLS

We can supply all versions of any tool required.
 For the entire range of tools see: www.linnhoff-henne.de





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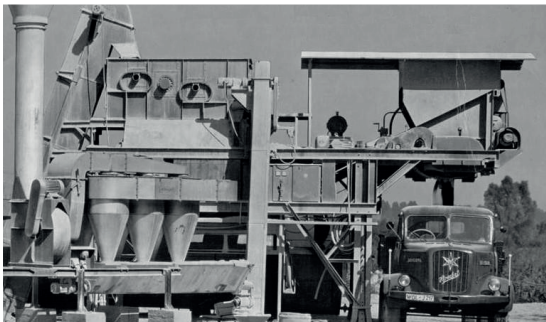
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