

# ASPHALTTRANSPORT

THERMOCONTAINERS & - DUMP BODIES FOR HOT ASPHALT

ISS. 04/2019

**CERTIFIED**  
ASPHALT-TRANSPORT





LOW DEAD WEIGHT  
= HIGH PAYLOAD

WITH AMTEC SAFETY OPERATING SYSTEM



### DESCRIPTION

amtec abt GmbH thermal asphalt containers are manufactured using a stable lightweight construction which allows for high payloads and large volume reserves during filling. All attachments are galvanised.

We offer single and double chamber versions and models with various rear constructions for long and short vehicles (e.g. Unimog).

### ADVANTAGES

- ✓ **Particularly light and stable**
- ✓ **Various rear designs for ease of uncoupling**
- ✓ **Cover opening using gas pressure spring/hydraulics**
- ✓ **2-chamber version**
- ✓ **Support feet, crane lugs or forklift pockets**

### ASPHALTBOX



TYPE	DIMENSIONS L x W x H in cm	VOLUME	PAYLOAD max.	EMPTY WEIGHT
ASPHALTBOX 1.2 t	170 x 120 x 95	0.9 m³	1.6 t	350 kg
ASPHALTBOX 3 t	250 x 150 x 115	2.3 m³	4.2 t	650 kg
ASPHALTBOX - Unimog 3 t	200 x 150 x 133	2.3 m³	4.2 t	650 kg
ASPHALTBOX 5 t	310 x 150 x 135	4.0 m³	7.2 t	850 kg
ASPHALTBOX - Unimog 5 t	250 x 190 x 135	4.0 m³	7.2 t	850 kg
ASPHALTBOX 8 t	310 x 200 x 135	5.6 m³	10 t	1050 kg

### TWINBOX



TYPE	DIMENSIONS L x W x H in cm	VOLUME	PAYLOAD max.	EMPTY WEIGHT
TWINBOX 6 t (hatchback)	350 x 180 x 120	4.6 m³	8 t	1100 kg
TWINBOX 9 t (hatchback)	415 x 200 x 120	6.4 m³	11 t	1300 kg

### FIXTURES



# TWINBOX 4D 10 - 16 t

## THERMOCONTAINER CONSTRUCTED WITH HARDOX



### DESCRIPTION

The perfect dump body for repair work and paver loading.

Newly developed corrosion and condensation protection extends the service life many times over and maintains a durable insulating performance.

### DOUBLE GATE SYSTEM

The **amtec double gate system** at the rear can be provided with individually manually operated or hydraulically operated partial and complete opening.

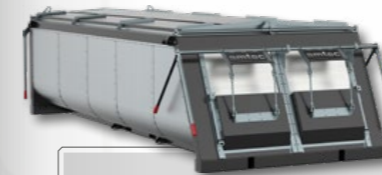
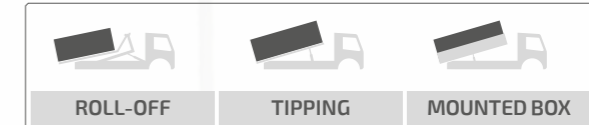


### ADVANTAGES

- ✓ **Stainless steel outer wall**
- ✓ **Durable due to Hardox quality and use of high-strength steels**
- ✓ **Economical due to low dead weight and high payload**
- ✓ **Perfect insulation and corrosion protection inside and out**
- ✓ **Maximum filling opening with low overall height due to folding cover**



### MOUNTING OPTIONS



### TWINBOX 4D HARDOX CONSTRUCTION

All models with certified thermal insulation suitable for temperature monitoring and telemetry.

TYPE	DIMENSIONS L x W x H in cm	VOLUME	PAYLOAD max.	EMPTY WEIGHT
TWINBOX 4D 10 t	490 x 200 x 134	7.5 m³	12 t	1620 kg
TWINBOX 4D 12 t	540 x 200 x 134	9 m³	14 t	1850 kg
TWINBOX 4D 14 t	600 x 200 x 134	9.3 m³	16 t	1900 kg



### THE AMTEC SAFETY OPERATING SYSTEM

### DESCRIPTION

The Amtec safety unloading system ensures that manual unloading can always be carried out safely since personnel remain outside the pouring area in tipping mode.

It also requires transport containers and/or barrows to be brought to the discharge opening from the side.

### SYSTEM COMPONENTS

- ⇒ Double slide gate system at the rear with lever extension for safe operation outside the pouring area
- ⇒ Rear gates with additional mechanical locks on the side
- ⇒ Hydraulically tilting rear gates with lowering / lifting lock



# CMT ASPHALTDUMP BODIES 13-28 t

## HARDOX-THERMODUMP BODIES



LOW DEAD WEIGHT  
= HIGH PAYLOAD

WITH AMTEC SAFETY OPERATING SYSTEM



### DESCRIPTION

The robust CMT asphalt dump bodies constructed using Hardox are tailored to customer requirements and vehicles.

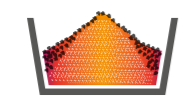
The stable and particularly light dump body is capable of high payloads for asphalt and bulk material. Mounting is available as tipping or roll-off. There are three sizes, the overall length is manufactured as required.

Different rear versions with manual operation, hydraulic or pneumatic versions are available.

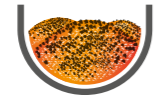
### ADVANTAGES

- ✓ **Particularly light and stable**
- ✓ **Perfect insulation and condensation protection**
- ✓ **Use for hot asphalt and bulk material**
- ✓ **Hardox inner body**
- ✓ **Stainless steel outer wall**

### PREVENTING MECHANICAL SEGREGATION DURING ASPHALT TRANSPORT



Thermo container



Rounded body



Conventional filling



Optimised filling

In the case of box bodies a large steep sided pile of material forms during filling. This is a result of the settling properties of the coarse grained component. On unloading in to the paver the fine matter is missing from the outer portions.

Rounded bodies are filled with flatter material piles resulting in less settling. The fine matter remains well distributed.

In order to better prevent mechanical segregation, it is particularly advantageous to load in several material piles as in the illustration to achieve a significantly better result.

### REAR-OPTIONS



### MOUNTING OPTIONS



ROLL-OFF



TIPPING



SWAP SYSTEM

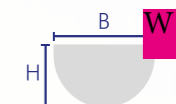


### CMT ASPHALT DUMPER

All models are offered in 3 to 6 mm Hardox construction, suitable for temperature monitoring and telemetry.

TYPE	DIMENSIONS L x W x H in cm	VOLUME	PAYLOAD max.	EMPTY WEIGHT
ASF 09 Asphalt Dumper	440-640* x 225 x 120	from 9 m <sup>3</sup>	up to 23 t	approx. 1700 kg
ASF 13 Asphalt Dumper	440-640* x 255 x 120	from 13 m <sup>3</sup>	up to 24 t	approx. 1900 kg
ASF 16 Asphalt Dumper	440-640* x 255 x 150	from 16 m <sup>3</sup>	up to 28 t	approx. 2200 kg

\*The overall length is individually adapted to your vehicle.



### COVER SYSTEMS

#### DESCRIPTION

**FLIPTOP** sheet roof systems were specially developed for thermal dump bodies. A perfect seal with the dump body protects against temperature loss and penetration of water spray.

The new **ISOTOP** sheet roof can be folded away hydraulically to the left and right of the dump body, so that the filling area is completely open. An advantage for operating and filling since the need for rope and folding systems is completely eliminated.

#### CONSTRUCTION

- One-sided or two-sided opening
- Manual, pneumatic or hydraulic operation
- Fixed cover system as folding system or flipping system with free loading side

ROLLPLANE



FLIPTOP



ISOTOP



# ASPHALT DISTRIBUTOR AS30

## ASPHALT- & POURED ASPHALT DISTRIBUTOR



### DESCRIPTION

With the Asphalt Distributor AS30 as an attachment, asphaltting in small areas becomes more effective. With the radio-controlled, heated conveying arm, the exact amount of asphalt needed can be applied exactly where required.

The one-man operation results in huge labour savings. With the Recodrive driving mode, the truck is also controlled unmanned.

### ADVANTAGES

- ✓ **Laying of rolled and poured asphalt**
- ✓ **Lays up to 30 t/hour**
- ✓ **Huge labour savings**
- ✓ **Heated laying tools**

### AMTEC SIDE DISTRIBUTOR ASV

The side distributor is an attachment for wheel loaders and municipal vehicles.

Can be used for hard shoulder laying (bulk material) and for asphaltting pavements and pipe trenches.

### FEATURES

- ✓ **High output rate**
- ✓ **Personnel reduction**

### NEW



The information printed in this brochure is based on experience and the most recent research and practice, however it is non-binding and does not establish a contractual relationship.

#### NADLER STRASSENTECHNIK GMBH

FRAUNHOFERSTRASSE 3  
D-85301 SCHWEITENKIRCHEN

- ☎ +49 84 44 - 92 400 - 0
- ☎ +49 84 44 - 92 400 - 40
- ✉ INFO@STRASSENTECHNIK.DE

#### NADLER + SÖFFKER GMBH

STEINFELDSTRASSE 5  
D-39179 BARLEBEN

- ☎ +49 39 206 - 5 23 - 73
- ☎ +49 39 206 - 5 23 - 74
- ✉ INFO@STRASSENTECHNIK.DE