

- Impaving decks
- Fire decks
- Self-opening decks
- TANK escape decks
- New - deck service

# IMPAVING DECKS



CLASS  
AA30



CLASS  
B125



## IMPAVING DECKS ARE

- Aesthetic - complementing both modern and ancient interiors and outdoor spaces in historical city centers.
- Lockable - the deck and the frame are screwed together (not for GA type).
- Fireproof - the decks are fireproof according to the enclosed table.
- Waterproof and gastight - a sealing is used serving as a barrier against water leakage into the shaft and as an anti-odor trap (not for GA type).

## CHARACTERISTICS

Impaving decks meet the demands of modern designers to preserve the style unity of the areas under which technical networks are stored in the shafts, wiring or sewers.

The decks have thin viewing surfaces and visible threaded columns at the corners for screwing on the lifting eyes.



Aludeck



GAP



GA

# ALUDECK - IMPAVING DECKS

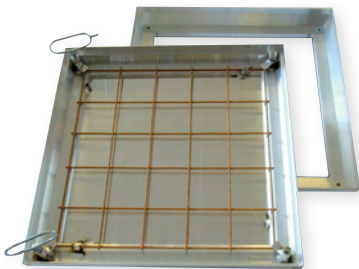


CLASS  
**A30 and A15**

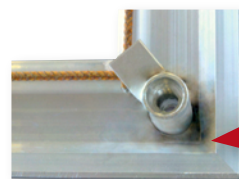
LOAD CAPACITY  
**3t and 1,5t**



type	load capacity [t]	inner dimension (clearance) [mm]	external dimension [mm]	outside height of the frame [mm]	inner height of the frame [mm]	total weight (bez výplně) [mm]	price [EUR]
AD 30	3	300x300	415x415	75	50	4,6	
AD 40	3	400x400	515x515	75	50	5,8	
AD 45	3	450x450	565x565	75	50	6,4	
AD 46	3	400x600	515x715	75	50	7,0	
AD 50	3	500x500	615x615	75	50	7,0	
AD 60	3	600x600	715x715	75	50	8,9	
AD 68	3	600x800	715x915	75	50	10,5	
AD 69	3	600x900	715x1015	75	50	11,5	price on request
AD 61	3	600x1000	715x1115	75	50	12,5	
AD 70	3	700x700	815x815	75	50	10,6	
AD 75	3	750x750	865x865	75	50	11,5	
AD 80	3	800x800	915x915	75	50	12,4	
AD 81	3	800x1000	915x1115	75	50	14,3	
AD 90	3	900x900	1015x1015	75	50	14,0	
AD 100	3	1000x1000	1115x1115	75	50	15,6	
TWO-PIECE DECKS							
AD 12060	1,5	1200x600	1315x715	75	50	19,5	price on request
AD 12090	1,5	1200x900	1315x1015	75	50	23,0	

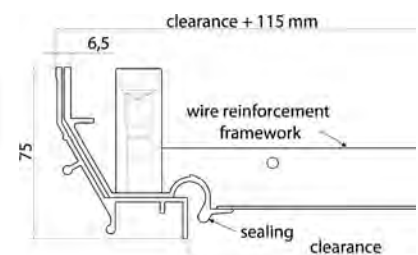


Load capacity: 3 tons when filled by C-30/37 concrete with 5 cm thickness of  
Material: aluminum frame and deck  
Design: with sealing, cover screw 10, thread 12



Thin-walled Al profile for a better look.

Fully welded aluminum construction.



## TECHNICAL DESCRIPTION

The frame and deck are made of aluminum profiles that are welded along the entire length of the joint. The frame has anchoring elements on the outside to enable anchoring into the concrete. The reinforcement framework is secured to the deck construction by means of clips and the sealing is made of material resistant to certain acids and alkalis.

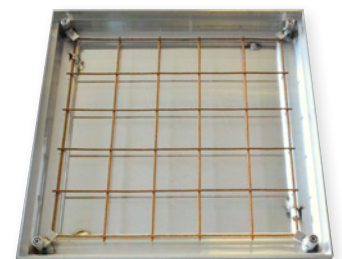
## USE

Covering of inspection shafts in walkways areas within buildings where emphasis is placed on aesthetics. Designed to be paved with tiles (pavement) of up to 10 mm thickness. In the corners of the deck there are threaded columns with a bolt, designed for lifting and locking.

## THE DELIVERY CONTAINS

The deck including reinforcement framework, a wrench set, assembly instructions and, **NEWLY**, an improved frame including caps against casting of the screws by concrete.

**The decks can be supplied in anti-fire design** – see page 9. The delivery includes a fire safe label. Based on the order, the AD decks can be delivered at atypical dimensions.



# GAP TYPE - IMPAVING DECKS



CLASS  
**B125**

LOAD CAPACITY  
**12,5t**



## GAP TAPE - GALVANIZED STEEL

type	inner dimension (clearance) [mm]	external dimension [mm]	outside height of the frame [mm]	inner height of the frame [mm]	total weight (without filler) [mm]	price [EUR]
GAP 30	300 x 300	436 x 436	75	50	9,1	
GAP 40	400 x 400	536 x 536	75	50	12,1	
GAP 45	450 x 450	586 x 586	75	50	13,7	
GAP 50	500 x 500	636 x 636	75	50	15,7	
GAP 60	600 x 600	736 x 736	75	50	19,5	
GAP 608	600 x 800	736 x 936	75	50	23,8	
GAP 609	600 x 900	736 x 1036	75	50	25,0	price on request
GAP 70	700 x 700	836 x 836	75	50	23,8	
GAP 80	800 x 800	936 x 936	75	50	28,5	
GAP 81	800 x 1000	936 x 1136	75	50	25,5	
GAP 90	900 x 900	1036 x 1036	75	50	33,5	
GAP 100	1000 x 1000	1136 x 1136	75	50	38,0	

## GAP TYPE - STAINLESS STEEL

GAP 30N	300 x 300	436 x 436	75	50	9,1	
GAP 40N	400 x 400	536 x 536	75	50	12,1	
GAP 50N	500 x 500	636 x 636	75	50	15,7	
GAP 60N	600 x 600	736 x 736	75	50	19,5	
GAP 609N	600 x 900	736 x 1036	75	50	22,1	price on request
GAP 70N	700 x 700	836 x 836	75	50	24,0	
GAP 80N	800 x 800	936 x 936	75	50	28,5	

\*While supplies last.

Load capacity: 12.5t, when casted by 5 cm thick C-30/37 concrete  
 Material: galvanized frame and deck  
 Design: with sealing

## TECHNICAL DESCRIPTION

Galvanized steel or stainless steel impaving decks designed to be paved with tiles (pavement) of up to 10 mm thickness. The decks are fitted with a sealing and are waterproof and gastight (odor-tight). The decks are lockable.

## USE

Covering of inspection shafts within buildings and on supermarket shopping floors where high emphasis is placed on aesthetics.

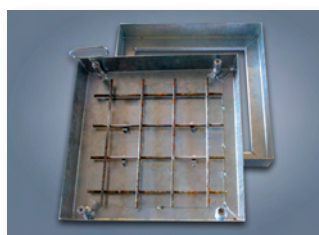
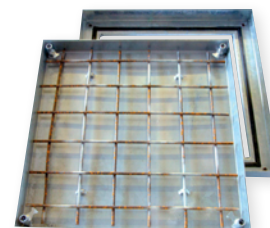
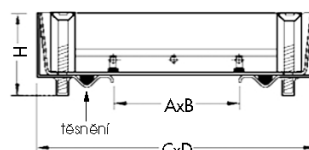
## THE DELIVERY CONTAINS

A frame of deck with anchoring elements for concrete, a deck including reinforcement framework, a wrench set, assembly instructions.

**The decks can be supplied in anti-fire design** – see page 9.

The delivery includes a firesafe label.

Based on the order, the GAP decks can be delivered at atypical dimensions.

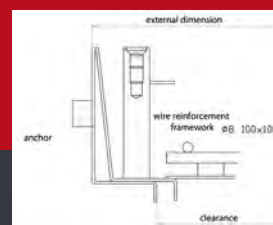


# GA TYPE



CLASS  
**B125**

LOAD CAPACITY  
**12,5t**



Decks to be paved by outside pavement (without sealing).

## GA DECKS, TUB DEPTH V = 80 MM

type	inner dimension (clearance) [mm]	external dimension [mm]	height of the frame [mm]	total weight (without filler) [mm]	price [EUR]
GA 80 030	300 x 300	400 x 400	95	7,3	
GA 80 040	400 x 400	500 x 500	95	10,5	
GA 80 050	500 x 500	600 x 600	95	14,3	price on request
GA 80 060	600 x 600	700 x 700	95	18,6	
GA 80 609	600 x 900	700 x 1000	95	29,5	
GA 80 070	700 x 700	800 x 800	95	23,5	

## GA DECKS, TUB DEPTH V = 100 MM

GA 100 030	300 x 300	400 x 400	115	8,4	
GA 100 040	400 x 400	500 x 500	115	11,9	
GA 100 050	500 x 500	600 x 600	115	15,9	price on request
GA 100 060	600 x 600	700 x 700	115	20,5	
GA 100 609	600 x 900	700 x 1000	115	30,5	
GA 100 070	700 x 700	800 x 800	115	25,6	
GA 100 080	800 x 800	900 x 900	115	30,5	

## GA DECKS, TUB DEPTH V = 120 MM

GA 120 030*	300 x 300	400 x 400	135	9,5	
GA 120 040*	400 x 400	500 x 500	135	13,2	
GA 120 050*	500 x 500	600 x 600	135	17,5	price on request
GA 120 060*	600 x 600	700 x 700	135	22,3	
GA 120 069*	600 x 900	7000 x 1000	135	31,5	
GA 120 070*	700 x 700	800 x 800	135	27,7	

\*Goods made to order.

## TECHNICAL DESCRIPTION

The frame and deck are made of galvanized steel with a surface treatment by hot-dip galvanizing. GA decks do not have a sealing.

## USE

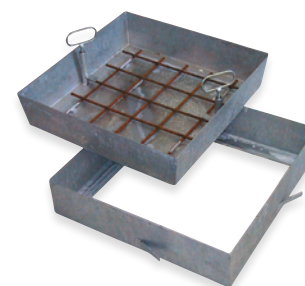
The decks allow covering of the inspection shafts in paved area environment, where the emphasis is on design. They are designed to be filled by interlocking pavers, granite pavers or natural stones. The minimum concrete filling of the tub must be 5 cm (by C35 / 45 concrete) to maintain a load capacity of 12.5 tonnes. The rest of the tub height is designed for paving.

## THE DELIVERY CONTAINS

A frame of deck with anchoring elements for concrete, a deck including reinforcement framework, a wrench set, assembly instructions.

## IMPAVING DECKS ACCESSORIES

In addition, for extra charge, a lever opener for pickaxe (for all types of impaving decks). Based on the order, the GA decks can be delivered at atypical dimensions.



# GAP FIX

## WATERPROOF AND GASTIGHT DECK WITH FULL COVER



CLASS  
**B125**

LOAD CAPACITY  
**12,5t**



### TECHNICAL DESCRIPTION

- Galvanized steel deck with a cover made of diamond chequer plate.
- With a sealing.
- Locking by 4 screws.
- Can be made of stainless steel.



type	inner dimension (clearance) [mm]	outside dimension [mm]	total height [mm]	cover + frame weight [kg]	price [EUR]
GAP FIX 60 *	600 x 600	755 x 755	140	130	
GAP FIX 609 *	600 x 900	755 x 1060	140	140	
GAP FIX 70 *	700 x 700	855 x 855	140	150	price on request
GAP FIX 80 *	800 x 800	955 x 955	140	160	
GAP FIX 90 *	900 x 900	1055 x 1055	140	170	
GAP FIX 100 *	1000 x 1000	1155 x 1155	140	180	

\* Goods made to order.

## OPTIONS FOR USE OF METAL DECKS

### METRO DEPO HOSTIVAR



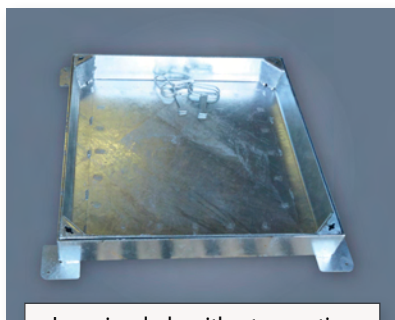
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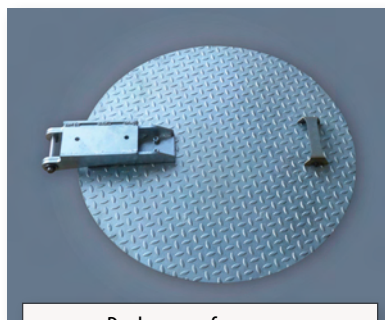
### ATYPICAL DECKS



### ANOTHER DECKS WE CAN MANUFACTURE



Impaving decks without concreting

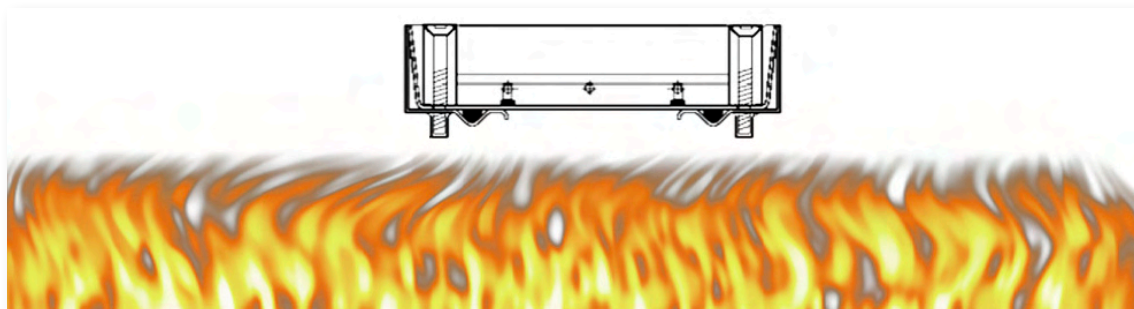


Deck covers for a cone



TANK with electric cabinet

# FIRESAFE DECKS



## USE

Our fire decks can be used wherever there is a need to make a fireproof separation of different environments, for example:

- In the parking areas of shopping centers.
- In residential buildings.
- To cover the entrance shafts of wiring or other media.
- In road tunnels.

## FIRE CERTIFICATIONS

Because we place a great emphasis on the safety of our products, we are constantly testing and certifying them at authorized testing centers according to valid standards.

## SPECIFICATION OF REQUIREMENTS FOR FIRE RESISTANCE OF THE DECKS

Depending on load capacity, size, material and fire resistance time requirements, we will design an optimal type and structure of the deck.

**The decks that can be supplied in fire safe execution, upon on the order:**

- Impaving **AD** and **GAP** decks (see pages 5 and 6).
- **EASY FR** types (see page 13).
- **TANK B** and **TANK D** types (see page 14) - For these decks, we also guarantee deflection parameters even at the full load of the deck.

Typified fire-resistant design of AD and GAP decks

type	Fire resistance - construction type DP1		
	<i>E</i> [min.]	EI [min.]	EW [min.]
AD 30 - AD 100	120	90	90
GAP 30, GAP 30N	120	60	90
GAP 40 - GAP 100	120	45	60
GAP 40N - GAP 80N	120	45	60

The table provides orientation fire resistance of standard decks; other dimensions and requirements will be arranged by a specialist of our technical department.

## REVISION OF FIRE RESISTANT DECKS



A deck with added firewall



A self-opening fire resistant deck

Do not hesitate to contact us with your fire protection requirements.

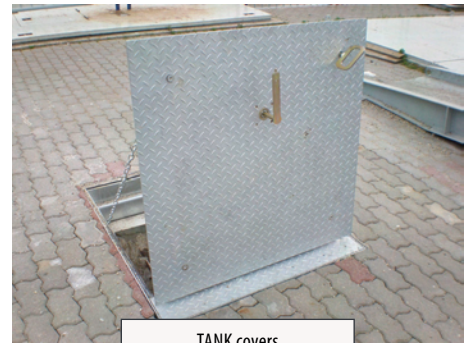
# SELF-OPENING DECKS



EO Decks



EASY decks



TANK covers

## Are you looking for a deck that can be opened easily without any significant effort?

If you have answered yes to this question, check out the following pages for an overview of our self-opening decks:

- 1) **EO Decks:** page 11 - 12
  - High-quality deck not only with easy opening, but also with a venting head, especially suitable for covering wells and other water sources.
- 2) **EASY decks:** page 13
  - Very economical variant of a self-opening deck, suitable for low load-bearing environments, also available in EASY FR anti-fire design.
- 3) **TANK decks:** page 14
  - Design-perfect deck that guarantees low deflection with full surface and point loads. Suitable for shafts with frequent input frequencies, as the deck can easily be lifted from outside and inside the shaft.

## DECK SERVICE

- Do you want your self-opening decks to open easily and on their own as long as possible?
- Do you need a worry-free access to the equipment in the shafts under the decks?
- Or do you need a record of the condition of the decks in your local self-government?

If this is your case, then our **DECK SERVICE** is the right thing for you ...

Our **DECK SERVICE** will provide you with:

- Warranty service for our decks marked with the **Service 12** logo.
- Regular service of the decks of all types and materials that we will carry out directly in your place.

This service focuses primarily on:

- Checking the condition and cleaning of the decks to ensure their correct and trouble-free operation.
- Adjustment of mechanical parts of decks.
- Replacement of worn parts such as deck sealing, gas struts etc.



## WHY IS IT NECESSARY TO CHECK AND SERVICE THE DECKS REGULARLY?

Especially because the decks are exposed to wear and tear on a daily basis due to the heavy load and harsh conditions causing their continuous pollution by dust, chemical and salt and grit spraying substances, and also they are subjected to great climate fluctuations during the year.

All these factors have a negative impact on the mechanical parts of the decks and cause complications that can only be avoided by regular checking and maintenance of your decks.

If you are interested in the services of our service technician, contact us at phone no.: 466 971 575, or by e-mail: [obchod@gabex.cz](mailto:obchod@gabex.cz), where we will prepare a preliminary price offer for you.



# DECKS WITH VENTING - FOR WELLS



LOAD CAPACITY  
**200 kg**



They are used to protect drinking water sources and they preserve their cleanliness and purity.

## EO TYPE - GALVANIZED STEEL

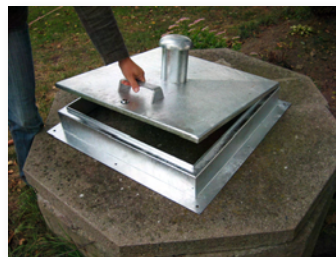


type	inner dimension (clearance) [mm]	external dimension [mm]	deck height (without chimney) [mm]	chimney diameter [mm]	chimney height [mm]	weight [kg]	price [EUR]
EO 60P	600 x 600	760 x 760	120	100	180	20	
EO 70P	700 x 700	860 x 860	120	100	180	28	
EO 80P	800 x 800	960 x 960	120	100	180	34	price on request
EO 608P	600 x 800	760 x 960	120	100	180	30	
EO 609P	600 x 900	760 x 1060	120	100	180	32	

## EO TYPE - STAINLESS STEEL

EO 60N *	600 x 600	760 x 760	120	100	180	20	
EO 70N *	700 x 700	860 x 860	120	100	180	28	price on request
EO 80N *	800 x 800	960 x 960	120	100	180	34	

- Very easy opening by hydraulic struts!
- Lockable using a triangular key (FAB, square or inbus locking available for extra charge).
- Filter insert in vent chimney.
- The frame can be encased by concrete or mechanically fastened.
- The deck is made of 2mm sheet metal with cross reinforcement.
- Material - hot dip galvanized sheet or stainless steel.

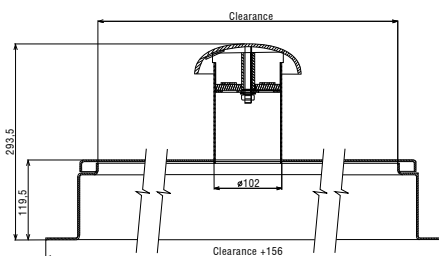


\* Goods made to order.

VERY EASY OPENING

## USE OF THIS DECK

- Fuel tanks.
- Wells.
- Supply and preparation of drinking water.
- Handling contaminated water.



## OTHER VERSIONS



EO DECK without chimney



Filter insert inside the chimney



Detail of the lock

\* Hydraulic opening decks can also be manufactured without a vent chimney.

# CIRCULAR DECKS



LOAD CAPACITY  
**200 kg**

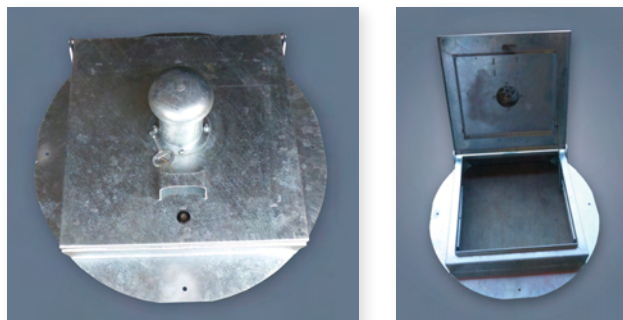
SERVIS  
12

## EOK TYPE

type	inner dimension (clearance) [mm]	external dimension of the deck [mm]	outside diameter of the collar [mm]	deck height (without chimney) [mm]	chimney diameter [mm]	chimney height [mm]	weight [kg]	price [EUR]
EOK *	470 x 470	550 x 550	780	130	100	180	25	price on request

- Square deck with a round collar.
- Can also be made without a vent chimney.
- Opening on hinges.
- Filter insert inside the vent chimney.
- Material - hot dip galvanized sheet metal.
- On request, we can also manufacture in stainless steel.

\* Goods made to order.

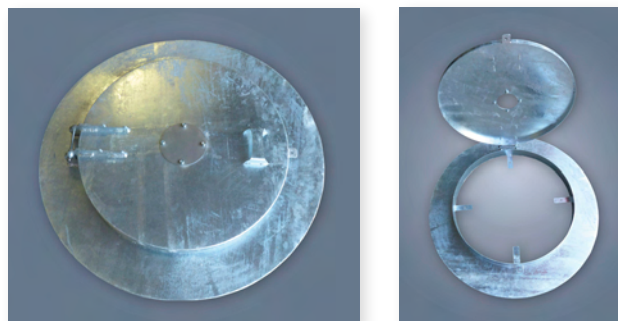


## EOKK TYPE

type	inner dimension (clearance) [mm]	outside dimension of the deck [mm]	total average [mm]	height of the frame [mm]	total height [mm]	ev. chimney diameter [mm]	weight [kg]	price [EUR]
EOKK *	620	640	900	65	120	100	27	price on request

- Square deck with a round collar.
- Can also be made with a vent chimney.
- Opening on hinges.
- Material - hot dip galvanized sheet metal.
- On request, we can also manufacture in stainless steel.

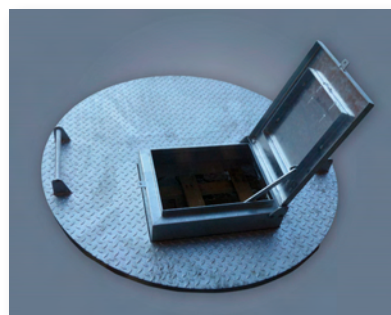
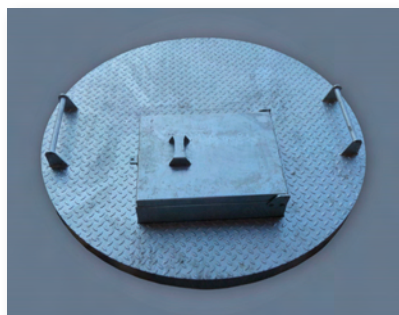
\* Goods made to order.



## TYP INSPEKT

type	inner diameter of entry (clearance) [mm]	outside dimension of entry [mm]	total average [mm]	height of the frame [mm]	total height poklopu [mm]	weight [kg]	price [EUR]
INSPEKT *	300 x 400	370 x 470	1 230	65	770	80	price on request

- Large-format circular deck with inspection entry and easy opening.



\* Goods made to order.

# EASY SERIES

## SELF-OPENING DECKS MADE OF DIAMOND CHEQUER PLATE



LOAD CAPACITY  
**150 - 300 kg**



### ESCAPE AND COLLECTOR DECKS

type	inner dimension (clearance) [mm]	external dimension [mm]	total height of the frame [mm]	total weight [kg]	load capacity [kg/m <sup>2</sup> ]	price [EUR]
EASY 60	600 x 600	700 x 700	45	25	300	price on request
EASY 70	700 x 700	800 x 800	45	34	300	
EASY 80	800 x 800	900 x 900	45	44	150	
EASY 69	600 x 900	700 x 1000	45	38	150	



### TECHNICAL DESCRIPTION

- A deck made of diamond checker galvanized sheet plate with shallow frame profile for easy installation into the floor structure.
- It has a sealing that prevents metal plates (sheets) from clattering over each other.
- The decks have concealed side hinges (that do not interfere with the walkway and do not clog with dust).
- A gas strut facilitates lifting and the decks are suitable for frequent opening.
- A simple lock reduces time-consuming opening time.



Anchoring to ensure frame stability - for easy installation.

### USE

- Interior deck.
- Shafts in basements of buildings.
- Inspection technology shafts with frequent opening.
- Emergency service shafts, pool technology shafts.



In the deck frame there is an installation hole for a drain hose for water that leaks in to the frame. It is used especially for outdoor installation.



VERY EASY OPENING

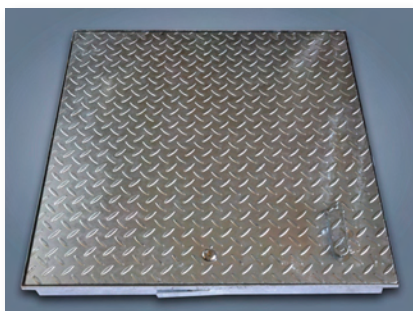
Gas strut for easy opening.

### Fireproof version of EASY FR decks

EASY FR decks are complemented by a fire plate, the strength of which corresponds to the required fire resistance.

**The delivery includes:** EASY FR fire deck with a fire panel, gas struts and strut attachment ready to be assembled on site (for the purpose of transport).

type	inner dimension (clearance) [mm]	outside dimension [mm]	height [mm]	weight [kg]	load capacity [kg/m <sup>2</sup> ]	price [EUR]
EASY FR 60	600 x 600	700 x 700	95	35	300	price on request
EASY FR 69	600 x 900	700 x 1000	95	48	150	



# TANK B125, TANK D400

BEST IN THEIR CLASS



CLASS  
**B125**

LOAD CAPACITY  
**12,5t**



## ESCAPE AND COLLECTOR DECKS

type	inner dimension (clearance) [mm]	external dimension [mm]	total height [mm]	total weight [kg]	price [EUR]
TANK B 90 *	900 x 900	1227 x 1054	150	183	price on request

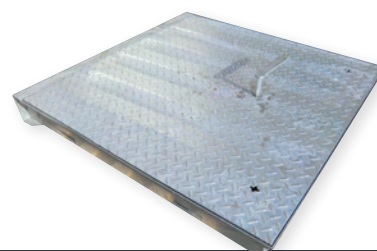


**We do not ship decks in other dimensions.**

\* Goods made to order. The production time is about 2 months.

## SELF-OPENING DECK WITH GAS AND SPRING MECHANISM

The opening mechanism of the deck is designed to facilitate easy lifting and ensure the highest possible comfort for the operator. The deck can be easily opened from the outside and inside of the shaft, for example in collectors. The ribbed construction of the deck guarantees low deflection even with full surface and point loads, which can be used especially for overlapping shafts in storage areas. When moving a fork lift truck wheels onto the deck, the load lifting axle will not deviate. The decks are waterproof and gastight; based on the order, we can also provide decks in fire-proof design.



CLASS  
**D400**

LOAD CAPACITY  
**40t**



type	inner dimension (clearance) [mm]	external dimension [mm]	total height [mm]	total weight [kg]	price [EUR]
TANK D 600 *	600 x 600	967 x 754	200	195	price on request
TANK D 609 *	600 x 900	967 x 1054	200	247	
TANK D 700 *	700 x 700	1027 x 854	200	205	
TANK D 800 *	800 x 800	1127 x 954	200	235	
TANK D 900 *	900 x 900	1227 x 1054	200	275	
TANK D 1000 *	1000 x 1000	1327 x 1154	200	325	



**We do not provide decks in other dimensions.**

\* Goods made to order. The production time is about 2 months.

40-tonne bearing decks have a unique lifting system to assist with opening.

Material: galvanized sheet metal.

These decks are designed for frequent opening shafts or for passage collector shafts. Their combined gas and spring lifting mechanisms provide lifting support to the operator when lifting at angles from 0 to 90 degrees.

Opening is possible both from inside and outside of the shaft. The decks are waterproof and gastight.

On request, we can also prepare a fireproof design of your deck.



## CONTACT



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