

SKG

Lifts



- Low noise level
- Minimum maintenance
- Custom-made solutions
- Low power requirement
- Quick and easy installation
- Environment-friendly production
- Easy operation – very user-friendly
- Corrosion protection by hot galvanizing
- Installation in existing buildings possible
- Quality seal along DIN EN ISO 9001:2015

11 photos and layout: **WIELBAUCH.de** | Design: **© 2006/09** | Edition 10/2019

BASIC TECHNICAL EQUIPMENT

The SKG-lifts are produced and delivered according to the applied norms and/or to the machine directive 2006/42/EC. Upon request, we will respond to national requirements.

STRUCTURE

The galvanized steel shaft framework consists of rolled special profiles and is delivered including cable duct.

Detailed illustrated installation manual relieve installation.

CABIN

The cabins are made of galvanized sheet steel in a folding construction. They are equipped with a central support element holder, guides on both sides or laterally and with adjustable guide shoes.

On all lifts serving on serving height an intermediate shelf is included.

Cabins can be ordered with dimensions in 25 mm increments.

LANDING DOOR

The shaft doors are quality-monitored in accordance with DIN 18090 and DIN 18092. The door locks are tested and provided with a type examination certificate.

Depending on the type of lift, they are available as a bi-parting door or as a single or double hinged door.

Depending on the type and size, different fire protection classifications are optionally available.

All doors are in a frame preassembled ready for installation.

CONTROLLER

Depending on the type of lift or equipment, a microprocessor, a PLC or a relay controller is included.

The controls are based on a 24 Volt technology.

The controller is completely pre-wired and pluggable.

Each landing has a call and send device.

After cabin arriving at landing an audible signal sounds.

At each landing the location of the cabin is displayed

DRIVE UNIT

Depending on the lift type, load capacity, machine position and equipments a traction sheave, chain or drum belongs to the lift unit.

Worm gear machines are equipped with three-phase motor, handwheel and disc brake with manual release.

Machines have a rate of protection IP54.

MACHINE ROOM DOOR

The machine room doors can be ordered as basic equipment in galvanized steel, single or double hinged with door lock, and including frame.

Depending on the size, different fire protections are optionally available.



SPECIAL LIFTS

We also manufacture semi and full automatic lift systems. The pre-assembled components are similar in construction to our standard lifts.



SKG

Lifts



SKG *Lifts*

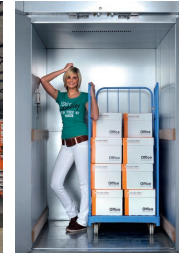
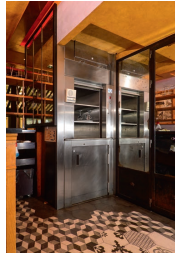


Since 1881

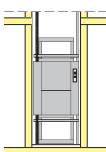
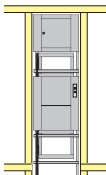
METALLSCHNEIDER
SERVICE LIFTS & METAL CONSTRUCTIONS

Metallschneider GmbH
Mühlenfeld 22
33154 Salzkotten-Verlar
GERMANY

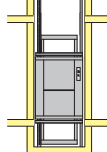
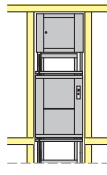
Phone +49 (0) 2948 9480-0
Fax +49 (0) 2948 9480-24
info@metallschneider.de
www.metallschneider.de



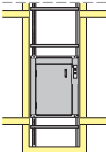
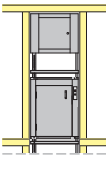
ISO-A



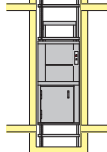
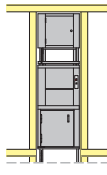
ISO-C



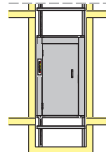
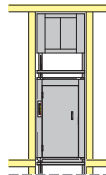
ISO-D



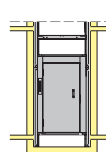
ISO-Z



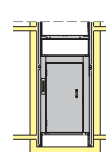
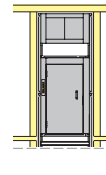
ISO-L



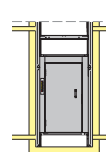
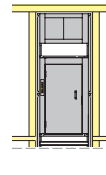
ISO-MAX 300/500



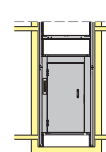
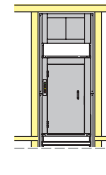
ISO-MAX 750/1000



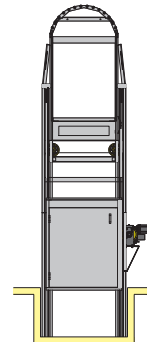
ISO-MAX FLEX 750/1000



ISO-PE EASY



ISO-U



The lift photos and plans show the real examples of the SKG portfolio.

	The smallest and most successful SKG	Bestseller for any administration	Best friend of canteen kitchens	Cabin with two separate compartments	Perfect for tall narrow goods	Would you like a little bit more?	Faces big demands	The MAX with flexible dimensions	Even more beautiful with one person	Genious to win space
DOORS	Bi-parting doors on serving height	Bi-parting doors at floor level	Hinged doors serving at floor level	Bi-parting doors on serving height and hinged doors serving at floor level	Hinged doors serving at floor level	Hinged doors serving at floor level	Hinged doors serving at floor level	Hinged doors serving at floor level	Hinged doors serving at floor level	A flap and a hinged door at floor level
ENTRANCES	Front loading, rear loading, adjacent entrances or 3-sides adjacent entrances	Front loading, rear loading or adjacent entrances	Front loading, rear loading, adjacent entrances or 3-sides adjacent entrances	Front loading or rear loading	Front loading or rear loading	Front loading or rear loading	Front loading or rear loading	Front loading or rear loading	Front loading or rear loading	Front loading or rear loading
MACHINE POSITION	Above, side above or side below or below in serving height	Above, side above or side below	Above, side above or side below	Above, side above or side below	Above	Above	Above	Above	Above	Side below
CAPACITY	50 to 300 kg	100 to 300 kg	100 to 300 kg	100 to 300 kg	300 to 500 kg	300 to 500 kg	750 to 1000 kg	750 to 1000 kg	750 to 1000 kg	300 kg

SHAFT STRUCTURE

Galvanized steel structure made of cold rolled special profiles, premounted in 2-m-sections incl. trunking.

CABIN

made of folded galvanized steel sheets, centered suspension, guided on both sides with adjustable guide shoes. All units on serving height are supplied with a removable shelf. Increments of 25 mm available.

LANDING DOORS

Approved to DIN 18092 resp. 18090 as a bi-parting, single or double hinged type available. Approved door locks. Bi-parting doors suspended with 2 high flexible steel ropes, guided with aluminium sheaves in cage. All doors with pre-installed frame surrounds for easy installation.

MACHINE ROOM DOOR

Single hinged door, double hinged for width over 800 mm galvanized finish, with lock, incl. frame surrounds.

COUNTERWEIGHT

Steel frame with 50 x 50 mm inserts. Adjustable guide shoes with polyamid inserts.

DRIVE UNIT

Up to 100 kg capacity with sheave drive for 2 or 3 ropes. Units with 200 and 300 kg capacity with chain drive for 2 chains. High quality reduction gear with motor, magnetic disc brake and handwheel. Insulation class IP 54.

CONTROLLER

- 24 Volt system on all push button units
- Pre-wired as plug-in-system
- Call and send operation on each landing station
- Despatching delay device
- Arrival buzzer and call signal
- Position indicator on each landing station



SERVICE LIFTS



SERVICE LIFTS

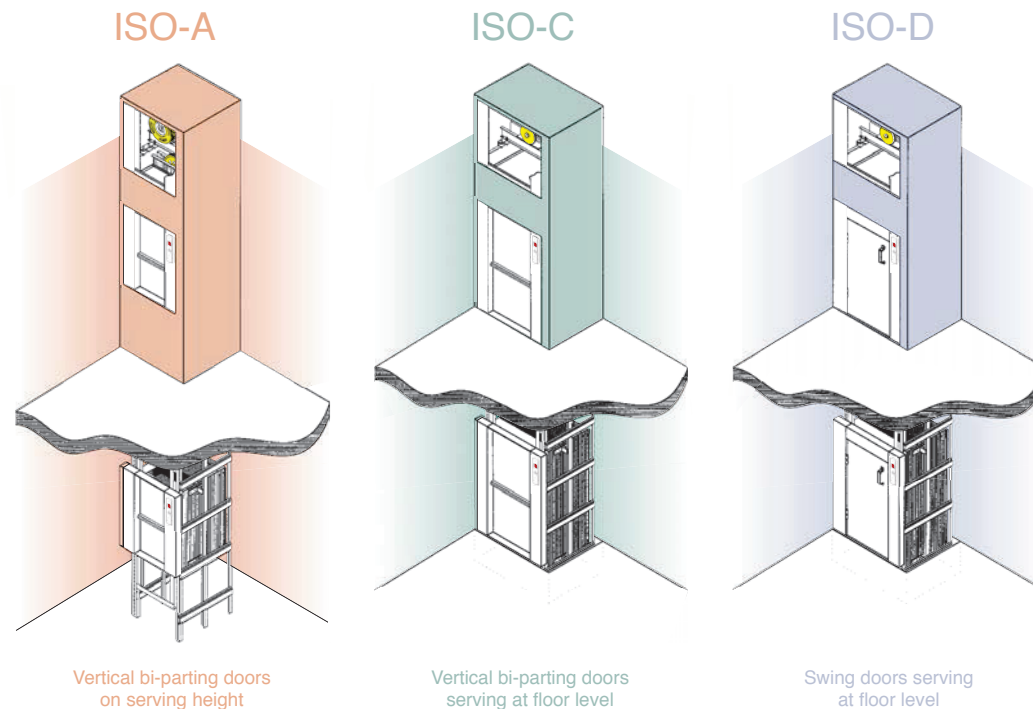
Beside the proven standard lift types ISO-A, ISO-C and ISO-D, special designs are available for all clients requirements in compliance with local national regulations.

<i>Drive units on the side</i>	If no sufficient space in headroom is available, the drive unit can be positioned above or below at side of the shaft.
<i>Adjacent entrances</i>	2 or 3 opening sides available.
<i>Safety gear</i>	Requested on shafts with spaces underneath.
<i>Ship lifts</i>	With safety gear and controller in compliance to Lloyds rules and regulations.
<i>Undercounter lifts</i>	For installation in kitchens and bars under a counter with a min. installation height.
<i>Automatic lifts</i>	E.g. for stocks and mail distribution.



10 ADVANTAGES

Quality seal along DIN EN ISO 9001:2008
 Custom-made solutions
 Environment-friendly production
 Corrosion protection by fire galvanization
 Quick and easy installation (with installation manual)
 Installation in existing buildings possible
 Easy operation – very user-friendly
 Low need of current
 Low noise level
 Minimum maintenance



Deviating dimensions and specifications on demand.

Type	Capacity	Door height (DH)	Speed	Cabin dimensions (variable in 25 mm increments)		Shaft dimensions mm		Pit depth / Serving height mm P / Sh	Min. headroom mm
				width	depth	width	depth		
ISO-A Vertical bi-parting doors on serving height	50 kg	600 - 1200 mm	0,4 m/s	400 - 600	400 - 600	cabin width + 300	cabin depth + 150	Sh = min. 700	serving height + door height + 1260
	100 kg	600 - 1200 mm	0,4 m/s	400 - 1000	400 - 1000	cabin width + 300	cabin depth + 150	Sh = min. 700	serving height + door height + 1260
	300 kg	600 - 1200 mm	0,25 m/s	400 - 1000	400 - 1000	cabin width + 300	cabin depth + 150	Sh = min. 700	serving height + door height + 1360
ISO-C Vertical bi-parting doors serving at floor level	100 kg	600 - 1200 mm	0,27 m/s	500 - 1000	500 - 1000	cabin width + 350	cabin depth + 150	P = min. DH / 2 + 50	door height + 1260
	300 kg	600 - 1200 mm	0,25 m/s	500 - 1000	600 - 1000	cabin width + 350	cabin depth + 150	P = min. DH / 2 + 50	door height + 1360
ISO-D Swing doors serving at floor level	100 kg	600 - 1200 mm	0,27 m/s	400 - 1000	500 - 1000	cabin width + 350	cabin depth + 110	P = min. 250	door height + 1260
	300 kg	600 - 1200 mm	0,25 m/s	400 - 1000	600 - 1000	cabin width + 350	cabin depth + 110	P = min. 250	door height + 1360

SKG-ES-2T



SKG-ES-2T

The newly developed lift floor control SKG-ES-2T is a plug- and function-compatible version of the SKG-ES-2 with a „cellphone look“.

Due to its special design, the SKG-ES-2T („T“ stands for touch) is primarily intended for areas with public traffic and public visibility.

The merits of the SKG-ES-2T are

- Deep black, glossy surface in a modern „mobile phone look“
- The front panel is made of ESG (toughened safety glass)
- No openings for display windows or buttons
- UV-resistant and with absolutely abrasion-resistant printing (ceramic firing)
- “Disappearing effect“ of the LED display and the button when there is no power to the storey control
- Easy to clean
- No mechanical button, therefore hygienically safe
- Other design templates on request (other colors, logos, patterns, grains and also customer-specific designs)

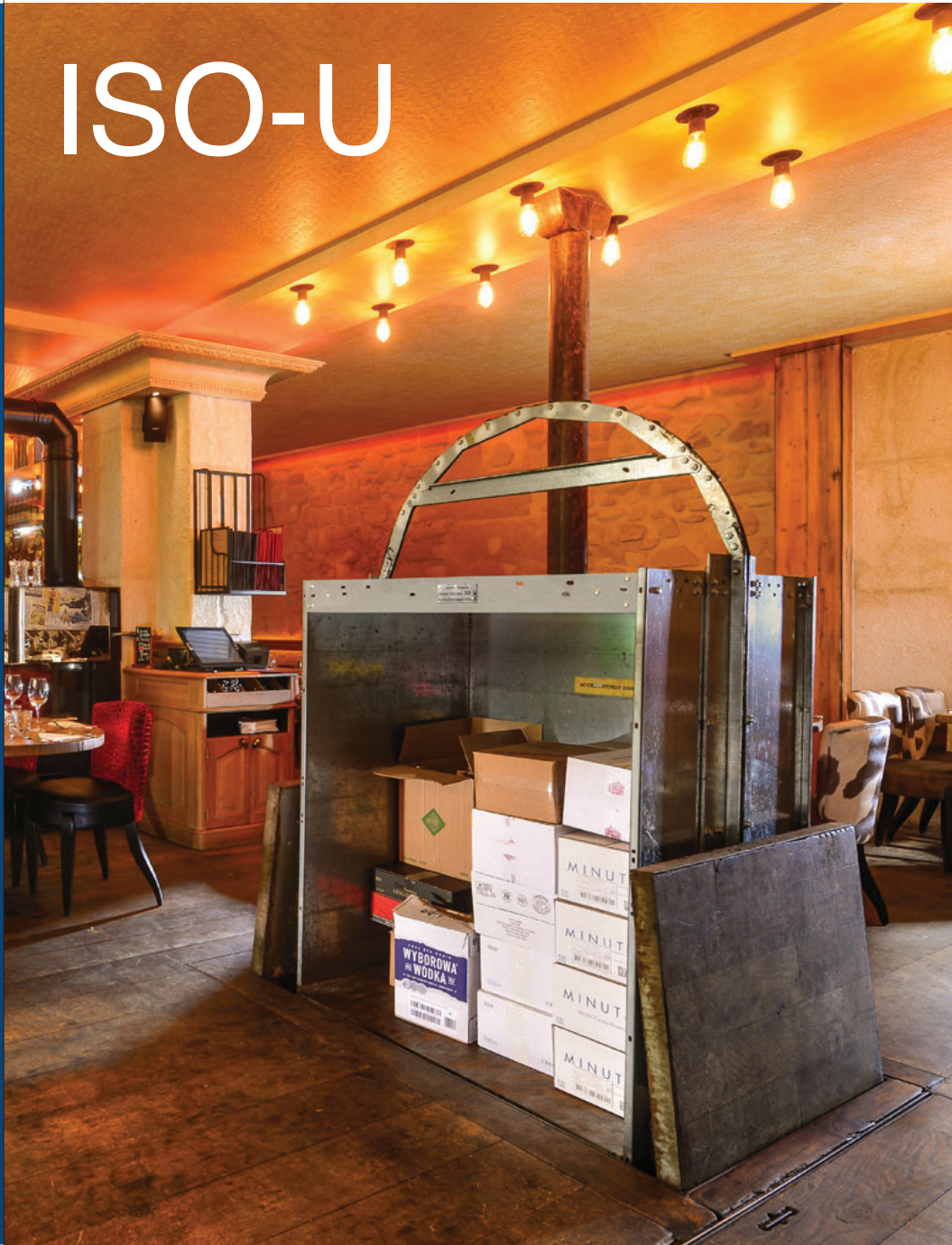
Modern design of the SKG-ES-2T, but:

- Plug and function compatible with the SKG-ES-2
- Same fastening technology
- Same operating sequence and display
- Directly and quickly interchangeable with the SKG-ES-2



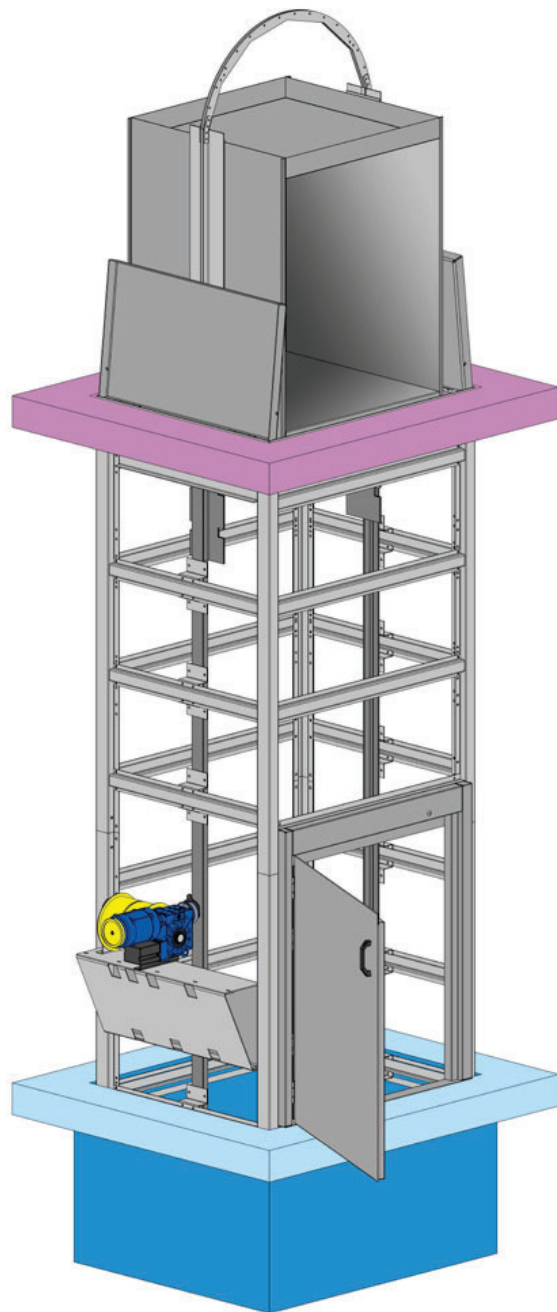


ISO-U



UNDERCOUNTER LIFT ISO-U

Swing door serving at floor level with add. floor flap according to EN81-3 and Machine Directive 2006/42/EC



6 ADVANTAGES

The lift is built along the EC-machine directive

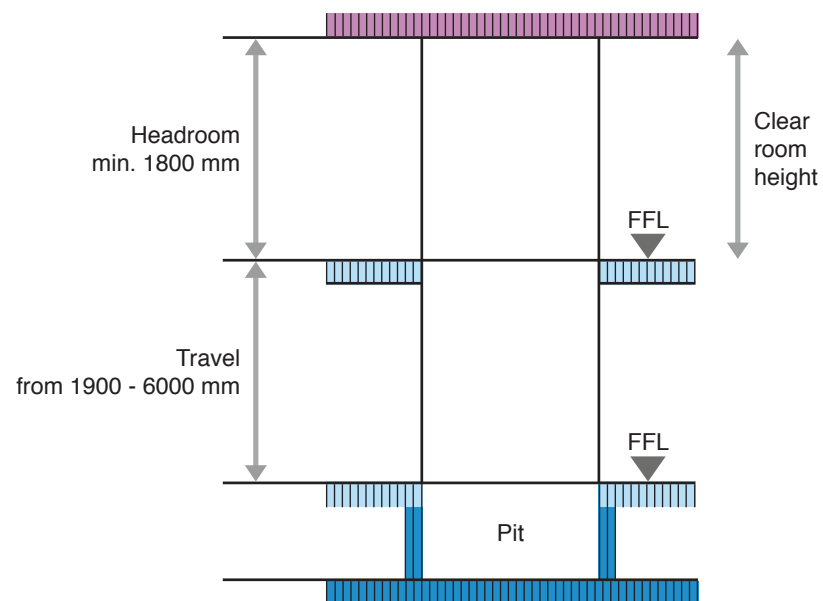
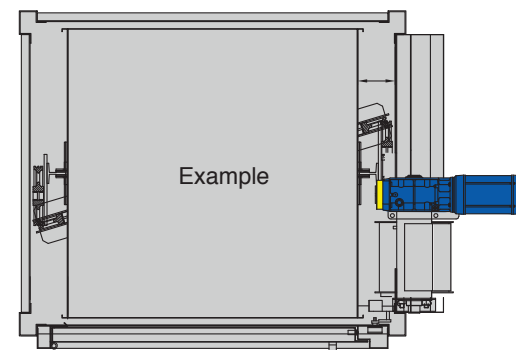
Corrosion-proof

Space saving installation - compact construction

Pre-assembled

No brick work shaft necessary

Metal shaft cladding for easy installation available



Undercounter lift ISO-U with capacity 300 kg

variable cabin width: 800 or 1000 mm

variable cabin depth: 800 or 1000 mm

standard cabin height: 1200 mm - no headroom must be considered

STRUCTURE

- Self-supporting steel structure made of cold rolled profiles in galvanized finish.
- Pre-installed with T-guide rails T 45 mm x 5 mm (300 and 500 kg).
- Pre-installed with T-guide rails T 70 mm x 65 mm x 9 mm (750 and 1000 kg).
- Compensation device on suspension elements.
- With baffle plates.

CABIN

- Cant-off system made of galvanized steel.
- Adjustable guide shoes on both sides.
- Type tested safety gear.

SWING DOORS

- Manual operated hinged doors made of galvanized steel in accordance to DIN 18090.
- Production controlled by TÜV-authorities.
- With side frames made of galvanized steel.
- Type-tested door locks.
- Single- or double-hinged doors possible.

MAINTENANCE DOOR

- Hinged door with sash lock.
- With side frames made of galvanized steel.
- With contact.

DRIVE MACHINE

- Drive unit with standard motor IP 54 and oil filling by factory.
- Disc brake and hand wheel.
- Rotary current 400 V / 50 HZ along IEC.

CONTROLLER

- Call- and send control.
- Pre-wired as plug-in system.
- Position indicator at each landing.



Photo: ISO-MAX 1000

Doku-Nr. D-19-305E 09/2013 Layout: vielbauch.de

ISO-MAX

Goodslift without passenger transport



300 / 500 kg

Cabin width (CW)	=	800 - 1000 mm
Cabin depth (CD)	=	1100 - 1500 mm
Cabin height (CH)	=	1200 - 2000 mm
Door width (DW)	=	Cabin width
Door height (DH)	=	Cabin height
Pit (P)	=	min. 200 mm
Shaft width (SW)	=	plumbed min. dimensions
Shaft depth (SD)	=	plumbed min. dimensions
Headroom (HR)	=	Clear height of top floor to FFL - underside ceiling!
Finished floor level (FFL)		

750 / 1000 kg

Cabin width (CW)	=	1000 or 1275 mm
Cabin depth (CD)	=	1400 or 1500 mm
Cabin height (CH)	=	1200 - 2000 mm
Door width (DW)	=	Cabin width
Door height (DH)	=	Cabin height
Pit (P)	=	min. 200 mm
Shaft width (SW)	=	plumbed min. dimensions
Shaft depth (SD)	=	plumbed min. dimensions
Headroom (HR)	=	Clear height of top floor to FFL - underside ceiling!
Finished floor level (FFL)		

Special dimensions on demand.

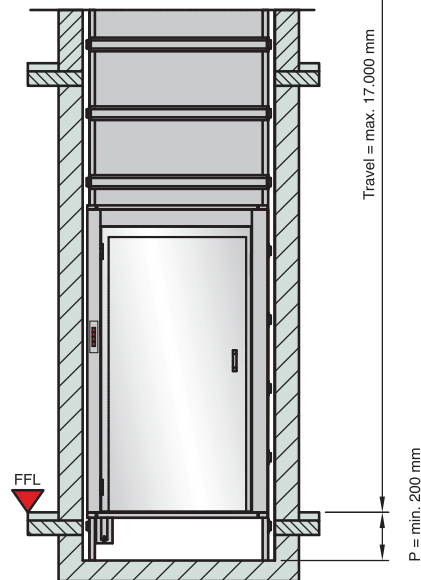
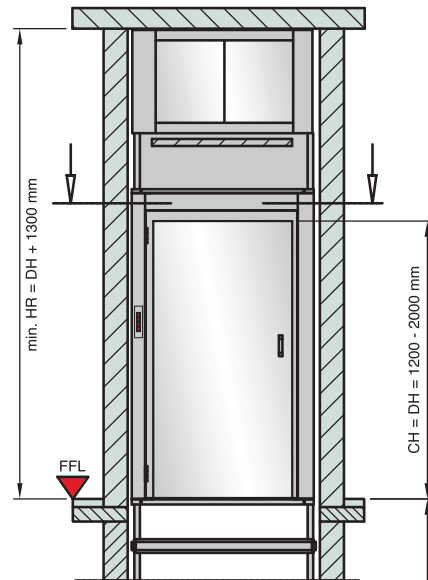
Cabin width (CW)	=	800 - 1500 mm
Cabin depth (CD)	=	1100 - 1800 mm
Cabin height (CH)	=	1200 - 2000 mm
Headroom (HR)	=	min. CH + 1000 mm



ISO-MAX

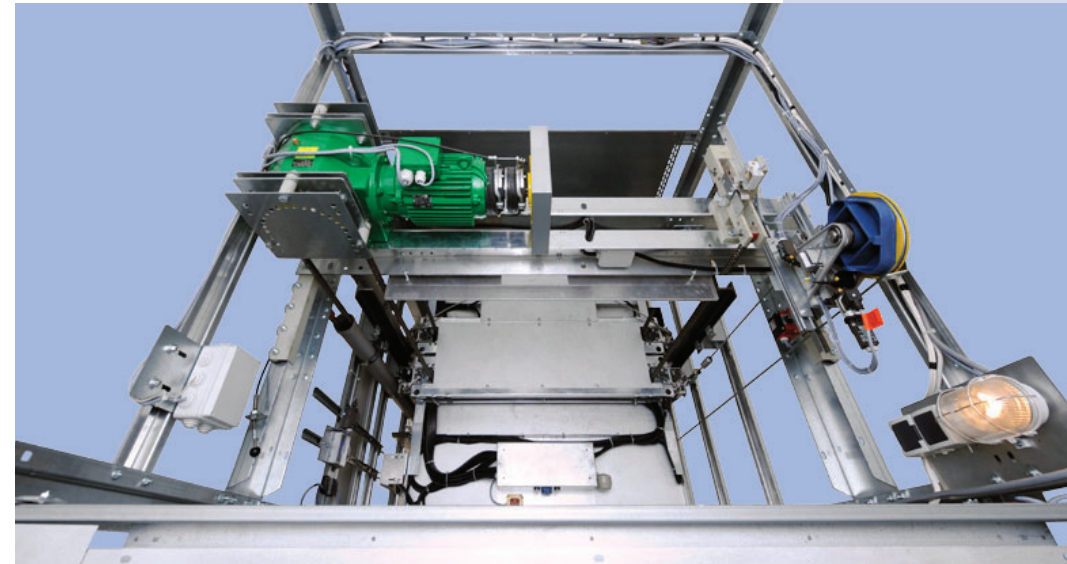
Capacity 300, 500, 750 1000 kg

Goodslift without passenger transport.

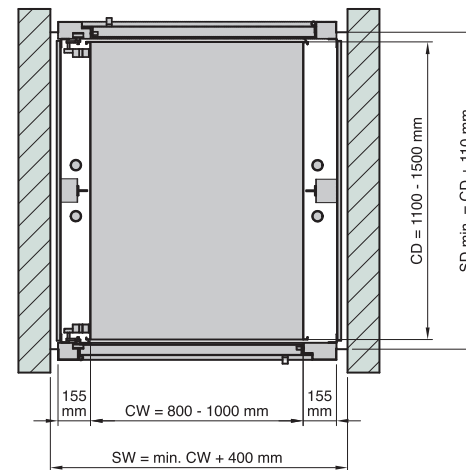


10 ADVANTAGES

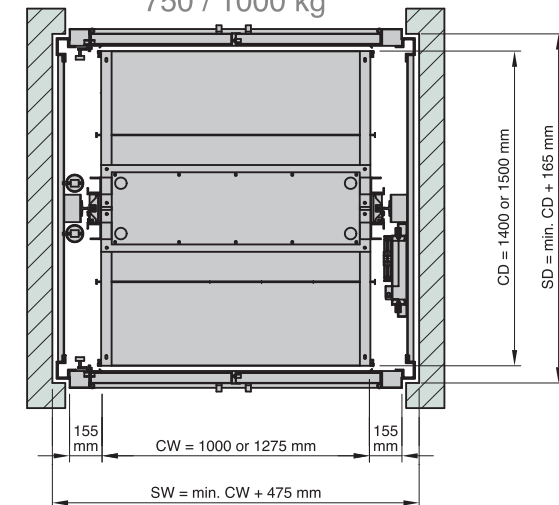
- Corrosion proof
- Galvanized shaft structure (self-supporting only on 750 and 1000 kg)
- Shaft pit depth 200 mm
- Landing push buttons with call and send control
- Machine-room-less lift
- Accessible spaces underneath the shaft possible
- Easy mounted steel shaft cladding available (only for 750 and 1000 kg with no fire protection)
- Space saving installation - compact construction
- Pre-assembled for easy installation
- No brick shaft necessary (only for 750 and 1000 kg)



300 / 500 kg



750 / 1000 kg



SKG



ISO-MAX FLEX 1500/2000

GOODSLIFT WITHOUT PASSENGER TRANSPORT

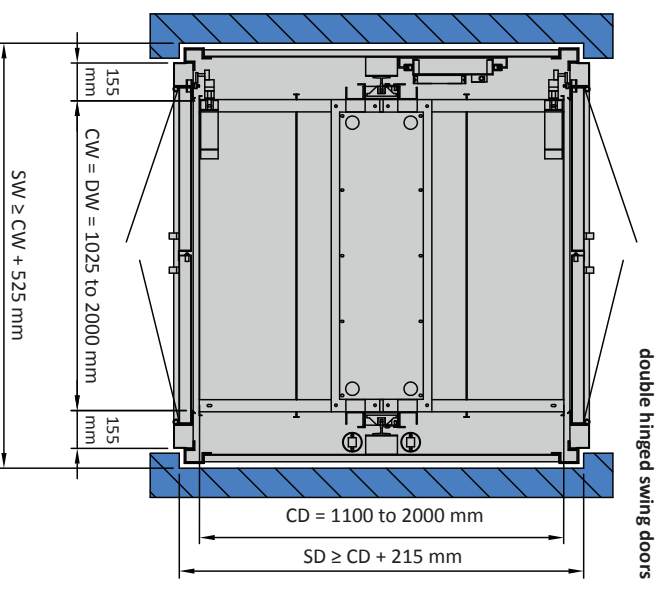
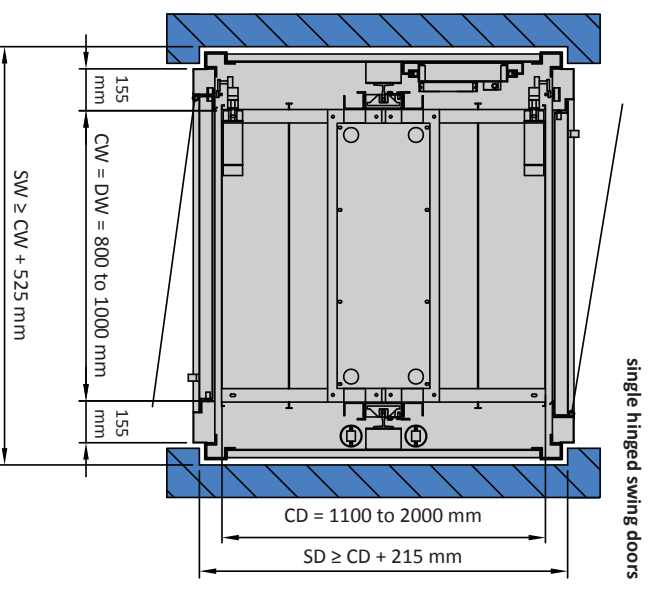
ISO-MAX FLEX 1500/2000

GOODSLIFT WITHOUT PASSENGER TRANSPORT

cabin width (CW)	
— for single hinged swing doors —	min. 800 to max. 1000 mm
— for double hinged swing doors —	min. 1025 to max. 2000 mm
cabin depth (CD)	min. 1100 to max. 2000 mm
cabin height (CH)	min. 1200 to max. 2000 mm
door width (DW)	cabin width
door height (DH)	cabin height
pit (P)	min. 200 mm
shaft width (SW)	plumbed min. dimensions
shaft depth (SD)	plumbed min. dimensions
headroom (HR)	clear height of top floor FFL-underside ceiling
finished floor level (FFL)	

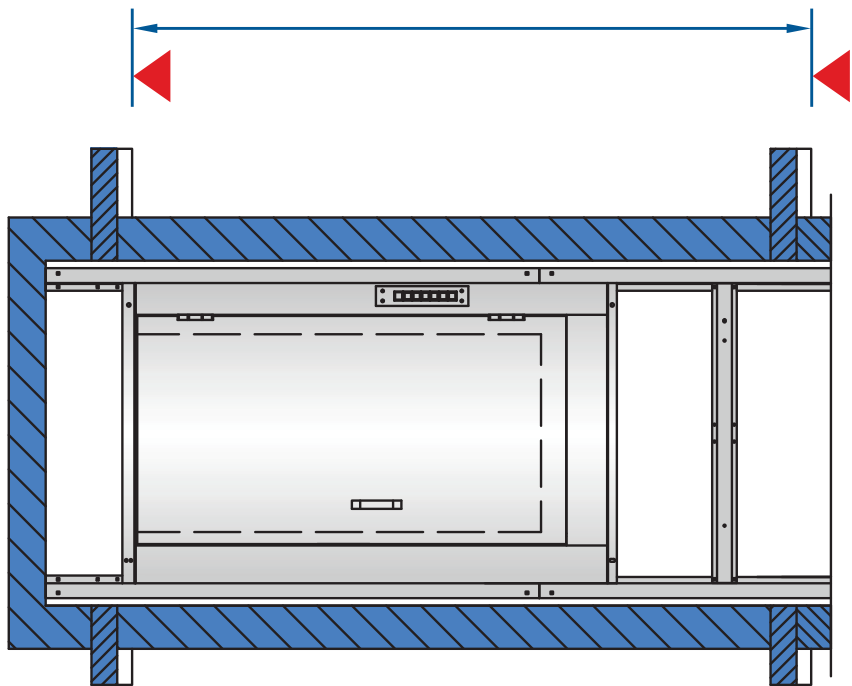


capacity 1500 or 2000 kg

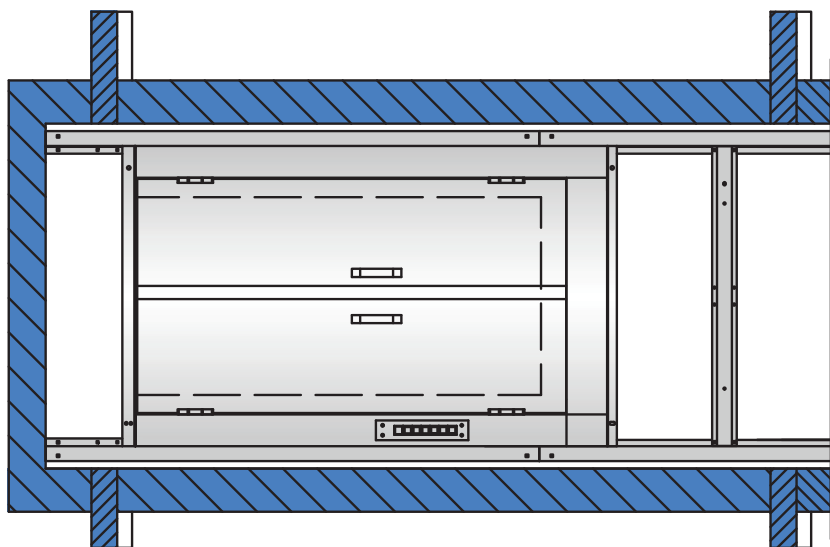
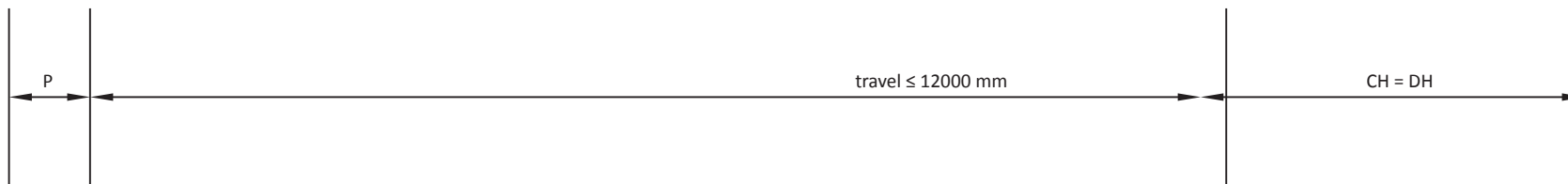
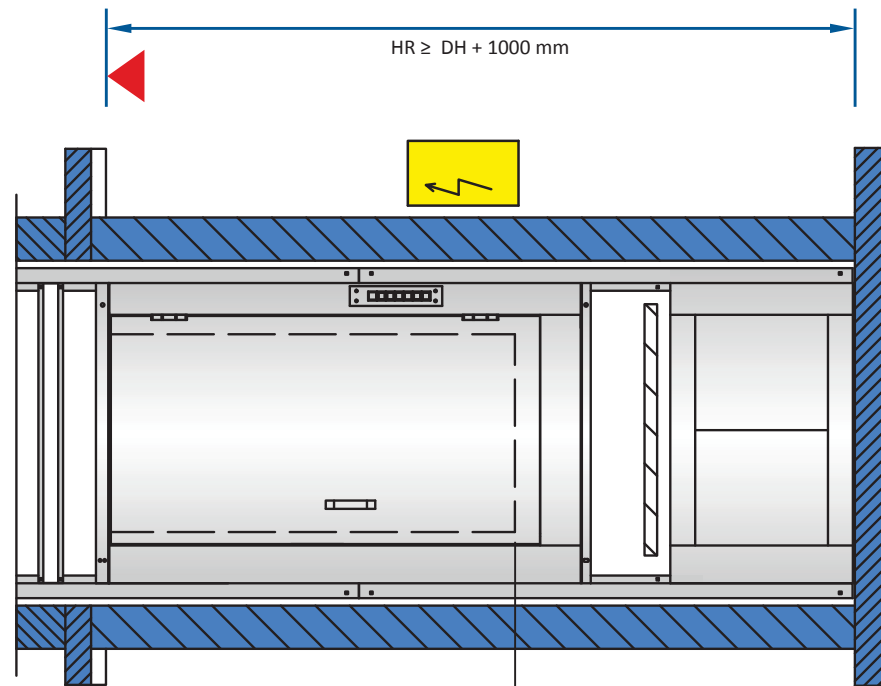


ADVANTAGES

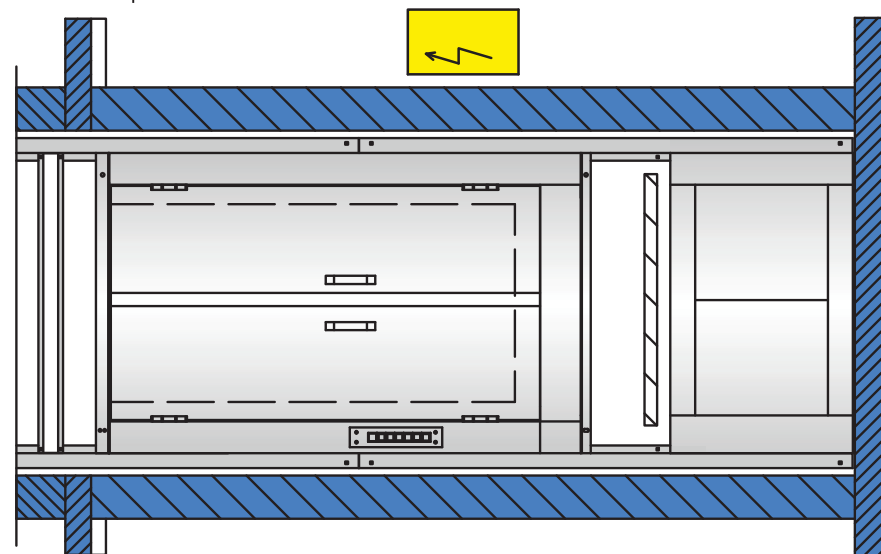
- **quick assembly**
- corrosion proof
- self-supporting galvanized shaft structure
- shaft pit depth 200 mm
- landing push buttons with call and send control
- machine-room-less lift
- accessible spaces underneath the shaft possible
- easy mounted steel shaft cladding available
- space saving installation - compact construction
- no brick shaft necessary



single hinged swing doors



double hinged swing doors



STANDARD EQUIPMENT AT NO EXTRA-CHARGE

STRUCTURE

- steel structure, made of cold rolled galvanized special profiles (can be installed without shaft)
- guide rails T 70 x 65 x 9 mm
- galvanized baffle plates for front side are standard
- safety bar

CABIN

- „cant-off“-system made of galvanized steel, adjustable guide shoes on both sides
- compensation device on suspension ropes
- type tested safety gear
- bumper rails

HINGED DOORS

- manual operated single or double hinged doors, made of galvanized steel in accordance to DIN 18090, production controlled by TÜV-authorities
- side frames made of galvanized steel according to drawing
- door locks type-tested by TÜV-authorities

MAINTENANCE DOOR

- double hinged door with sash lock
- side frames made of galvanized steel

DRIVE UNIT

- drive unit with factory oil filling, standard motor IP54, disc brake and hand wheel, 3 x 400 V / 50 Hz.
- 2 chain wheels for chains 5/8" x 3/8" suspension 2:1 triplex

CONTROLLER

- call and send control with 24 V, safety circuit 48 V
- pre-wired with plugs
- controller cabinet 800 x 800 x 210 mm outside shaft
- acoustic arrival signal
- electronic overload contact
- position indicator on each entrance
- thermic motor protection as main switch pre-wired on control panel
- machine room light with socket
- return control in headroom



STRUCTURE

- Self-supporting steel structure made of cold rolled profiles in galvanized finish.
- Pre-installed with T-guide rails T 70 mm x 65 mm x 9 mm.
- Compensation device on suspension elements.
- With baffle plates.

CABIN

- Cant-off system made of galvanized steel.
- Adjustable guide shoes on both sides.
- Emergency light.
- Sunk-in cabin light.
- Cabin push button station with pre-adjusted emergency call, emergency light and emergency distance call.
- Type tested safety gear.
- Push button station with key switch (Push-to-run).

SWING DOORS

- Manual operated hinged doors made of galvanized steel in accordance to DIN 18090, EN81-58, E120 or EW45.
- Production controlled by TÜV-authorities.
- With side frames made of galvanized steel.
- Type-tested door locks.

MAINTENANCE DOOR

- Hinged door with sash lock.
- With side frames made of galvanized steel.
- With contact.

DRIVE MACHINE

- Drive unit with standard motor IP 54 and oil filling by factory.
- Redundant brake system.
- Disc brake and hand wheel.
- Rotary current 400 V / 50 HZ along IEC.
- 2 chain wheels for 2 chains 5/8" x 3/8".

CONTROLLER

- Call- and send control.
- Robust controller in controller cabinet.
- Return control in headroom.



Doku-Nr. D-19-282E 09/2013 Layout: vielbauch.de

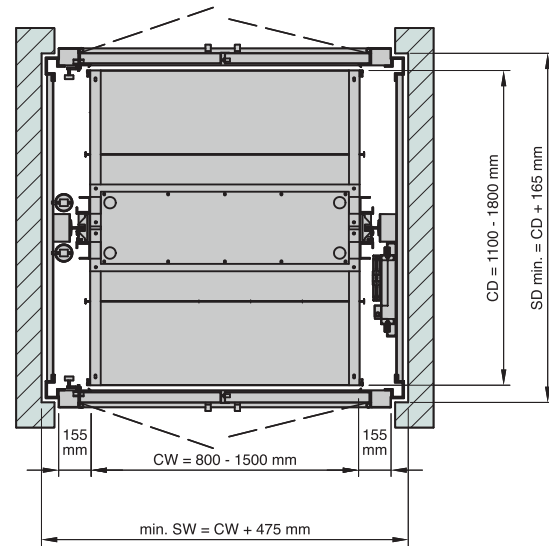
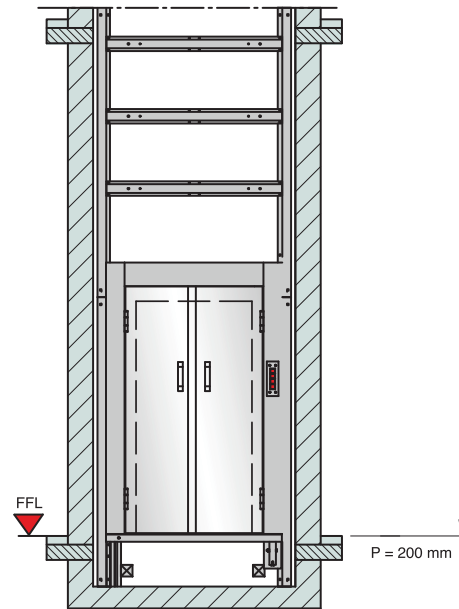
ISO-PE easy

Goods lift with 1 trained person





Type tested goodslift for 750 / 1000 kg
and max. 1 trained person



- *Corrosion proof.*
- *Self-supporting, galvanized steel structure.*
- *Shaft pit depth 200 mm only.*
- *Cabin push button with send control (Push-to-run).*
- *Landing push buttons with call and send control.*
- *Machine-room-less lift.*
- *Accessible spaces underneath the shaft possible.*
- *Easy mounted steel shaft cladding available (no fire protection).*
- *Space saving installation - compact construction.*
- *Pre-assembled for easy installation.*
- *No brick shaft necessary.*



SKG



ISO-PE EASY 1500/2000

GOODSLIFT WITH PASSENGER TRANSPORT

ISO-PE EASY 1500/2000

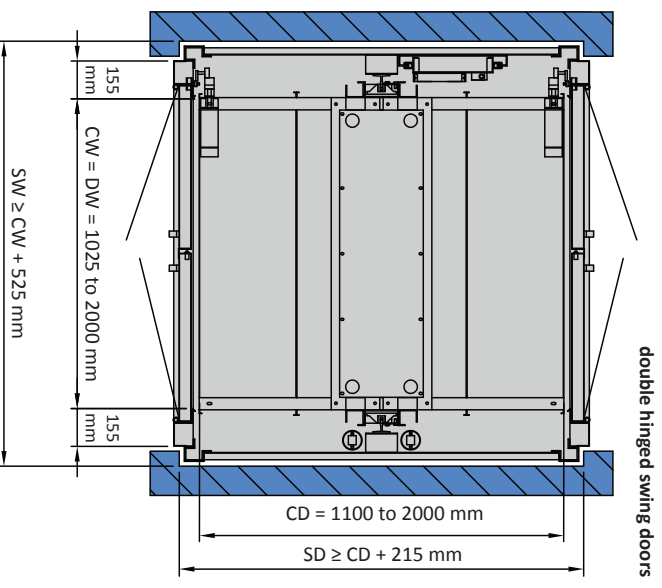
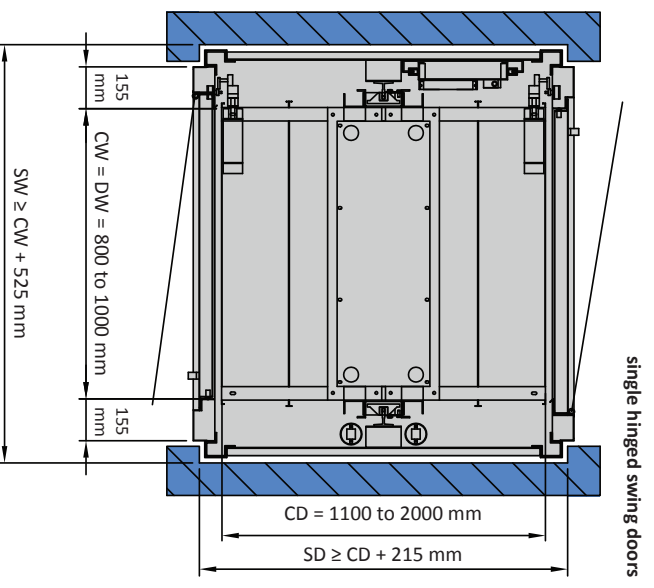
GOODSLIFT WITH PASSENGER TRANSPORT

cabin width (CW)	
— for single hinged swing doors —	min. 800 to max. 1000 mm
— for double hinged swing doors —	min. 1025 to max. 2000 mm
cabin depth (CD)	min. 1100 to max. 2000 mm
cabin height (CH)	min. 1200 to max. 2000 mm
door width (DW)	cabin width
door height (DH)	cabin height
pit (P)	min. 200 mm
shaft width (SW)	plumbed min. dimensions
shaft depth (SD)	plumbed min. dimensions
headroom (HR)	clear height of top floor FFL-underside ceiling
finished floor level (FFL)	



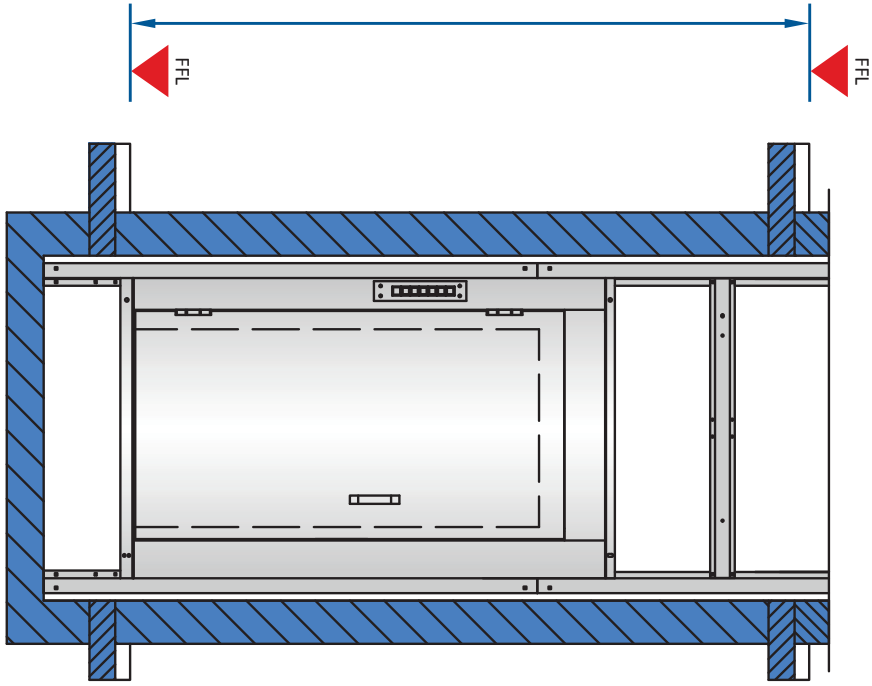
MAXIMUM OF 1 ATTENDANT
ACCOMPANYING THE GOODS

capacity 1500 or 2000 kg

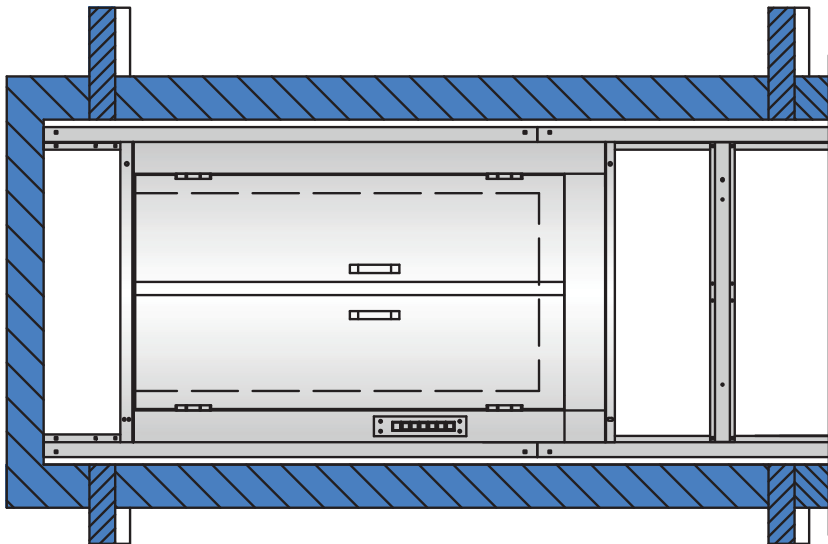
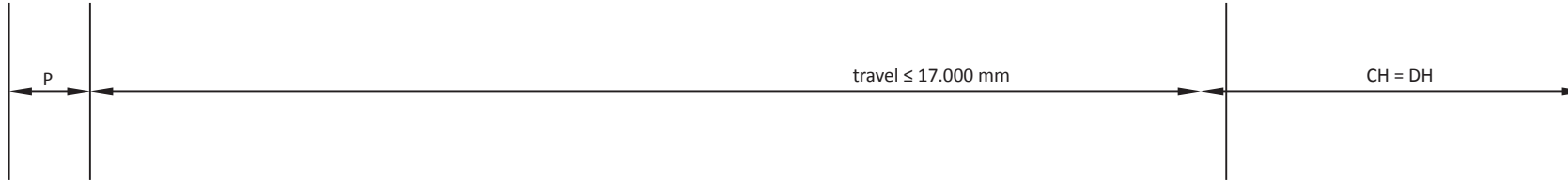
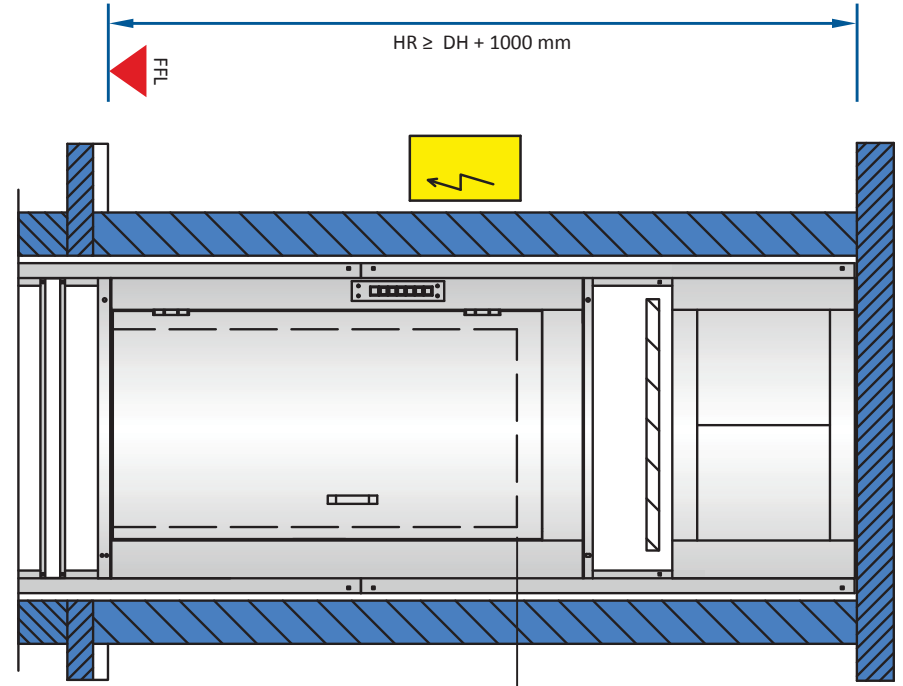


ADVANTAGES

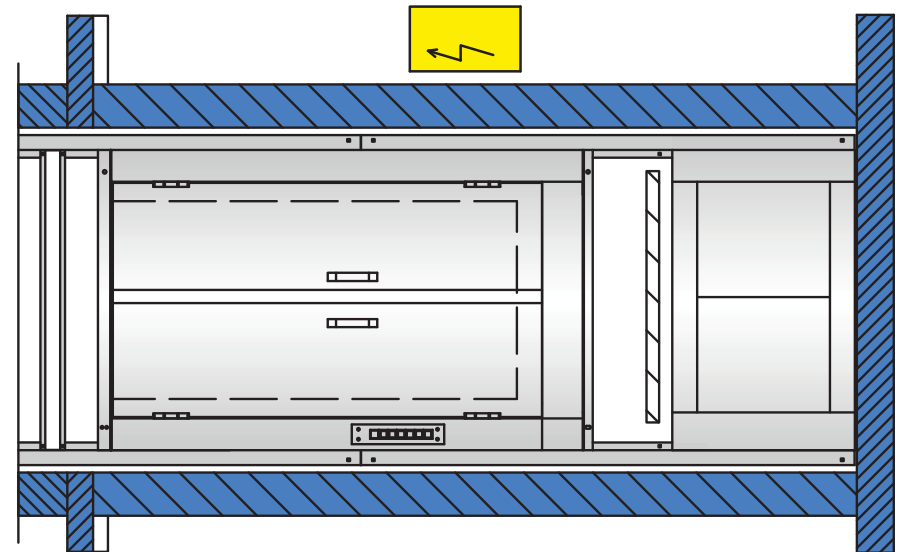
- quick assembly
- corrosion proof
- self-supporting galvanized steel structure
- shaft pit depth 200 mm
- landing push buttons with call and send control
- cabin push button with send control
- machine-room-less lift
- accessible spaces underneath the shaft possible
- easy mounted steel shaft cladding available
- space saving installation - compact construction
- no brick shaft necessary



single hinged swing doors



double hinged swing doors



Metallschneider GmbH
 Mühlenfeld 22 • 33154 Salzkotten • GERMANY
 Phone +49 (0) 2948 9480-0 • Fax +49 (0) 2948 948024
info@metallschneider.de
metallschneider.de

STANDARD EQUIPMENT AT NO EXTRA-CHARGE

STRUCTURE

- steel structure, made of cold rolled galvanized special profiles (can be installed without shaft)
- guide rails T 70 x 65 x 9 mm
- compensation device on suspension elements
- galvanized baffle plates for front side are standard

CABIN

- „cant-off“-system made of galvanized steel
- adjustable guide shoes on both sides
- emergency light
- recessed cabin light
- cabin push button station with pre-adjusted emergency call, emergency light and emergency distance call
- type tested safety gear
- push button station with key switch (Hold-to-run)
- bumper rails
- with light curtain

HINGED DOORS

- manual operated hinged doors made of galvanized steel in accordance to DIN 18090
- production controlled by TÜV-authorities
- side frames made of galvanized steel
- type-tested door locks

MAINTENANCE DOOR

- double hinged swing door with sash lock
- side frames made of galvanized steel according to drawing
- secured contact

DRIVE UNIT

- drive unit with standard motor IP 54 and oil filling by factory
- redundant brake system
- disc brake and hand wheel
- rotary current 400 V % 50 HZ along IEC
- 2 chain wheels for 2 chains
- 5/8" x 3/8" 2:1 triplex

CONTROLLER

- call and send control
- robust controller in controller cabinet 800 x 800 x 250 mm outside shaft
- return control in headroom
- "hold-to-run"-control (push button station inside the cabin is activated by key switch)
- electrical overload device



THE BADGE SYSTEM FOR SKG LIFTS



NEW AT
METALLSCHNEIDER – SKG

► PRESENTED
ON THE INTERLIFT FAIR 2017

THE BADGE SYSTEM

FOR SKG LIFTS



Existing profile cylinders can be used



Simple programming



Individual configuration



Reduces danger of burglary



Commercial-available, durable, easy-to-change batteries

3V lithium button cell battery (each transponder 1 x CR2032, each cylinder 2 X 2450 allow for 400000 operations of the transponder and 300000 of the cylinder and a Stand-by up to 10 years.



Stainless steel design rotary knob on the lock

Children shall not use the lift unit? Do you need different access authorization for the lift unit?

Use the new badge system for SKG lifts. Allow or prevent access for different users. Easy programming by internet browser of cylinder and transponder. Lost or stolen transponders can be easily deactivated.

Consult us on the SKG badge system.



Original size transponder

**Latch lock with
BADGE SYSTEM
for blocking a single
a bi-parting door**

Starter kit
for 1 landing
with 3 transponders
MC.07.03
935,- €
each additional landing
MC.07.04
680,- €

**Latch lock with
BADGE SYSTEM
for blocking a single
hinged landing door**

Starter kit
for 1 landing
with 3 transponders
MD.05.06
935,- €
each additional landing
MD.05.07
680,- €

**Basquill lock with
BADGE SYSTEM
for blocking a double
hinged landing door**

Starter kit
for 1 landing
with 3 transponders
MD.05.08
935,- €
each additional landing
MD.05.09
680,- €

**BADGE SYSTEM
in push button station
to isolate controller**

Starter kit
for 1 landing
with 3 transponders
ME.05.04
935,- €
each additional landing
ME.05.05
680,- €

**BADGE SYSTEM
in push button station
to isolate the current
push button station**

Starter kit
for 1 landing
with 3 transponders
ME.05.06
935,- €
each additional landing
ME.05.07
680,- €

**Bolt lock with
BADGE SYSTEM
for blocking a single
hinged landing door**

Starter kit
for 1 landing
with 3 transponders
MD.05.04
935,- €
each additional landing
MD.05.05
680,- €

each additional transponder
MC.07.05
175,- €

each additional transponder
MD.05.10
175,- €

each additional transponder
MD.05.10
175,- €

each additional transponder
ME.05.08
175,- €

each additional transponder
ME.05.08
175,- €

All prices net excl. VAT.





METALLSCHNEIDER

SERVICE LIFTS & METAL CONSTRUCTIONS

Metallschneider GmbH

Mühlenfeld 22

33154 Salzkotten-Verlar

GERMANY

Phone 02948 9480-0

Fax 02948 9480-24

info@metallschneider.de

metallschneider.de