



Line of Products for Devices
7xxx-AB..

Groups of Devices Vacuum Lifting Devices

Type Description	Description	Group of Device
Frame	Carrying Frames without Vacuum Generation	7000
Kombi	Carrying Frames with mains-operated, electric Vacuum Pump	7001
Vacuum Unit	mains-operated, electric Vacuum Pump	7002
Frame	Carrying Frames with manual operated Vacuum Pump	7004
Venturi Device	Carrying Frames with compressed air-operated Vacuum Pump / Venturi jet(s)	7005
Accu (Rechargeable Battery) Device Kombi	Carrying Frames with mains-independent, electric (rechargeable battery-operated) Vacuum Pump	7011
Accu (Rechargeable Battery) Vacuum Unit	mains-independent, electric (rechargeable battery-operated) Vacuum Pump	7012
Vacuum Lifting Device	Carrying Frames with electric or compressed air-operated Vacuum Pump and pneumatic cylinder or electric spindle drive	7035 7021
Manipulation Device	Carrying Frames with compressed air-operated Vacuum Pump / Venturi jet(s) and pneumatic cylinder or pneumatic cylinders	7025
Kombi	Carrying Frames with mains-operated, electric Vacuum Pump and Electric Drive	7031

Groups of Devices Vacuum Lifting Devices

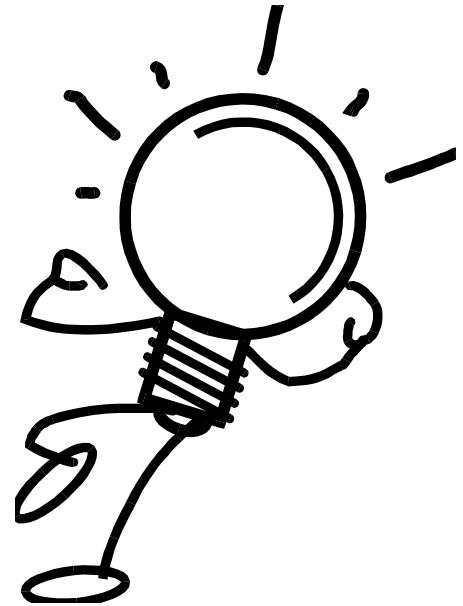
Kombi	Carrying Frames with mains operated, electric Vacuum Pump <i>with 2-circuit-technique for the latest safety standard of the EC</i>	7201
Vacuum Unit	mains operated, electric Vacuum Pump <i>with 2-circuit-technique for the latest safety standard of the EC</i>	7202
Venturi Device	Carrying Frames with air pressure operated Vacuum Pump / suction jet(s) <i>with 2-circuit-technique for the latest safety standard of the EC</i>	7205
Accu (Rechargeable Battery) Device Kombi	Carrying Frames with independent of mains supply, electric (rechargeable battery operated) Vacuum Pump <i>with 2-circuit-technique for the latest safety standard of the EC</i>	7211
Accu (Rechargeable Battery) Vacuum Unit	independent of mains supply, electric (rechargeable battery operated) vacuum pump <i>with 2-circuit-technique for the latest safety standard of the EC</i>	7212
Manipulation Device	Carrying Frames with compressed-air operated Vacuum Pump / suction jet(s) and pneumatic cylinder <i>with 2-circuit-technique for the latest safety standard of the EC</i>	7225
Kombi	Carrying Frames with mains-operated, electric Vacuum Pump and electric drive <i>with 2-circuit-technique for the latest safety standard of the EC</i>	7231
Accu (Rechargeable Battery) Device Kombi	Carrying Frames with independent of mains supply, electric (rechargeable battery operated) Vacuum Pump <i>with 4-circuit-technique for the latest safety standard of the EC</i>	7411

7000-xx Frame Carrying Frame without Vacuum Generation	
Advantage	Disadvantage
low cost of purchase	an additional vacuum generation is necessary
low weight	long vacuum supply line to the frame increases the risk of an untightness in the system
	construction of a 2-circuit-system difficult to execute
	unsuitable for the application at the construction site with long transport ways etc. because of the vacuum supply line

7001-xx Kombi Carrying frame with mains-operated, electric vacuum pump	
Advantage	Disadvantage
complete vacuum lifting device	higher weight
easy installation	follow-up supply line of the mains supply
compact vacuum system without long vacuum supply line	
use of efficient vacuum pumps possible	
electric warning signals at low partial vacuum	
vacuum system is also tight at interrupted electric mains (depends on the lifted material)	

7011-xx Accu-Device Kombi Carrying frame with independent of mains-supply, electric (rechargeable battery (accumulator) operated) vacuum pump	
Advantage	Disadvantage
complete vacuum lifting device	higher weight
easy installation	vacuum pump not adaptable to the efficiency (low capacity)
compact vacuum system without long vacuum supply line	
electric warning signals at low partial vacuum	
no follow-up supply line of the mains supply	

7005-xx Venturi Device Carrying Frame with compressed air operated Vacuum Pump / Suction jet(s)	
Advantage	Disadvantage
complete vacuum lifting device	follow-up supply line of the air pressure system
easy installation	no electric warning signals at low partial vacuum
compact vacuum system without long vacuum supply line	not suitable for construction sites only for the production
use of efficient suction jets possible	
low weight	
Vacuum system is also tight at interrupted air pressure supply (depends on the lifted material)	

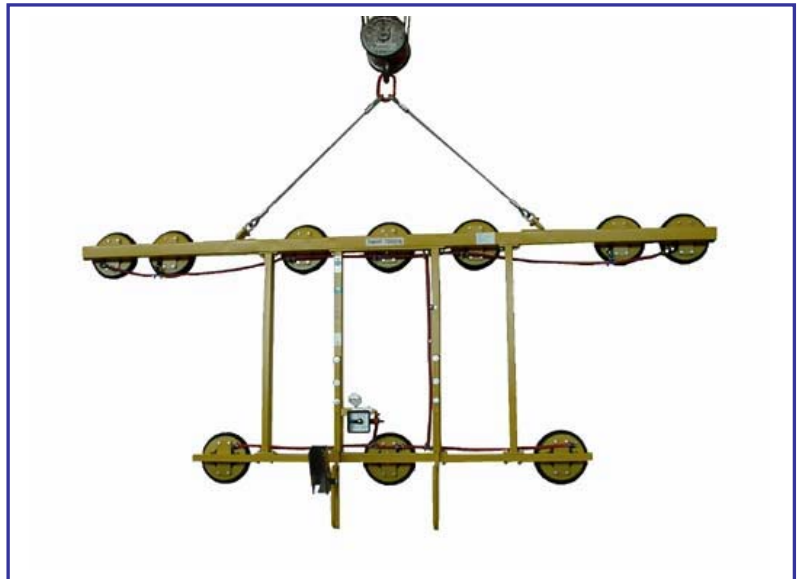


7000-xx

Carrying Frames without Vacuum Generation

Frame 7000-ABs

**For operation on EC
construction sites only
permissible with a
mechanical holding device
according to
EN 13155.**



for vertical lifting and transporting
the **perfect** device for the warehouse

Description

- **1-circuit vacuum system**
- control vacuum meter on the device
- single row arrangement of suction cups with additional supporting suction cups
- suction cups fixed directly on the frame
- distance of suction cups cannot be adjusted
- outer suction cups lockable
- modular device construction
- vertical transport approx. 85°
- guide handles are adjustable in the height

Vacuum generation

- external vacuum generation necessary
e. g. via a Pannkoke Compound Pump 7002-COMP2 in the craneway

Control means

- **SUCTION/RELEASE** via hand valve at the device
or
via remote control
of the vacuum generation

Suspension:

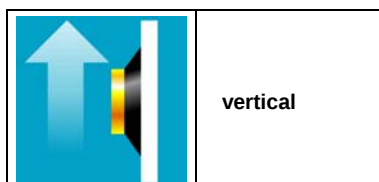
2-fold crane string

Max. loading capacity:

1000 kg

Colour:

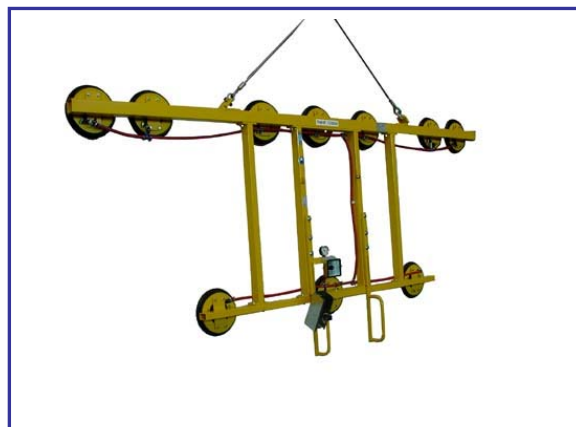
yellow / partly zinked



suitable for lifting	gastight	
material properties	smooth	
surface	smooth	
e. g.	glass panes, sealed units, plastic and ceramic plates, coated boards	
suction cup type	388	
diameter in action approx. mm	300	
suction cup quality	rubber black abrasion possible upto 100° heat resistance	
number of suction cups	6	10
carrying bar length approx. mm	3000	3500
loading capacity on smooth and clean surface		
at 60 % vacuum kg	500	1000
dead weight approx. kg	90	110
vacuum infeed connection	9 mm	
item-no.: 7000-ABs...	06-0910	10-0910
Special Design	on request	

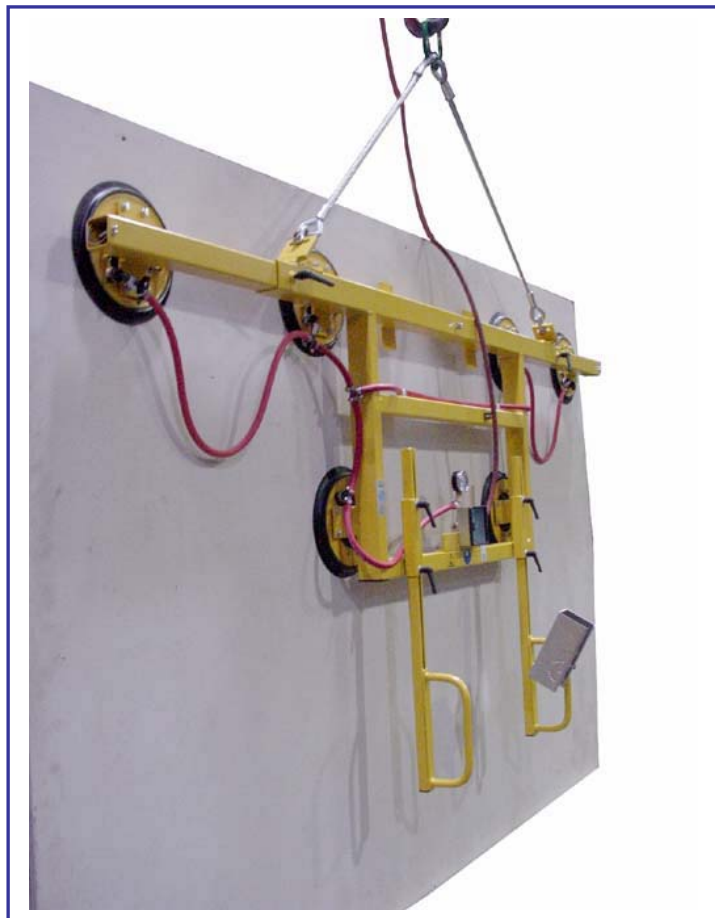
Accessories on request

item-no.: 388-SCHUTZ	protection cap for suction cup 388
item-no.: 7003-SchutzAB	guard grating (size in accordance to your requirement)
item-no.: 7003-UStAB	support for just sealed units (size in accordance to your requirement)



Frame 7000-AB

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Description

- **1-circuit vacuum system**
- control vacuum meter on the device
- single row arrangement of suction cups with additional support suction cups
- suction cup fixed directly on the frame
- outer suction cup distance adjustable via moving of the carrying bars
- outer suction cups lockable
- modular device construction
- vertical transport approx. 85°
- guide handles are adjustable in the height

Vacuum generation

- external vacuum generation necessary
e. g. via a Pannkoke Compound Pump 7002-COMP2
in the craneway

Control means

- **SUCTION/RELEASE** via hand valve at the device
or
via remote control
of the vacuum generation

Suspension:

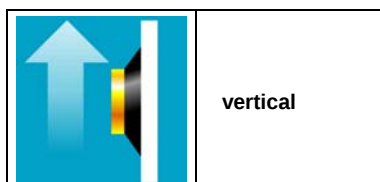
2-fold crane string

Max. loading capacity:

1000 kg

Colour:

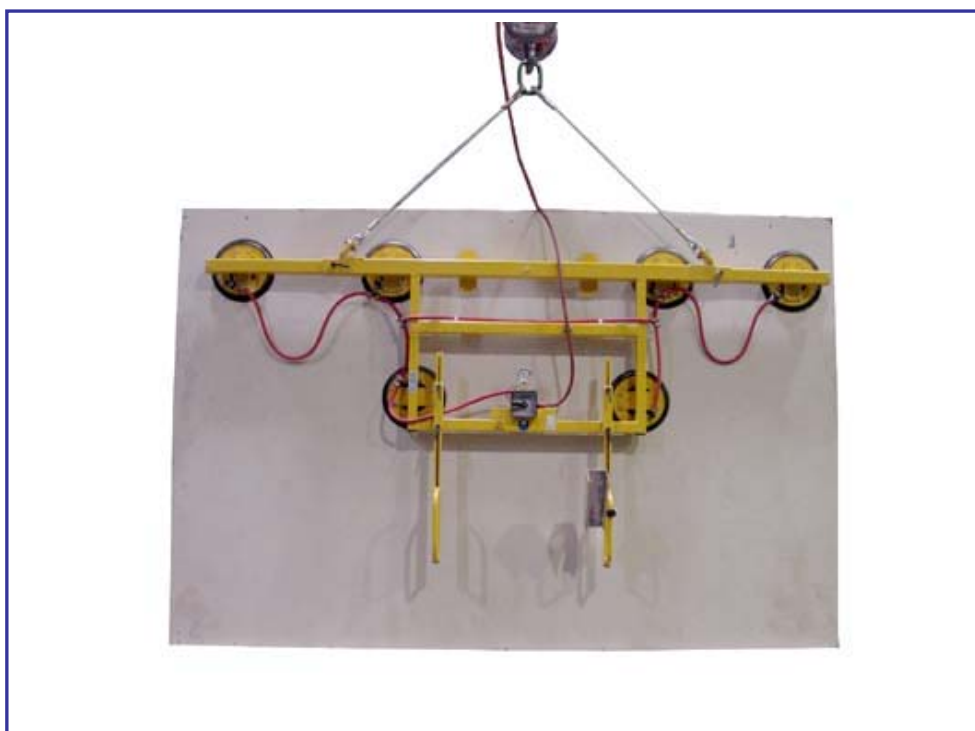
yellow / partly zinked



suitable for lifting		
material properties	gastight	
surface	smooth	
e. g.	glass panes, sealed units, plastic and ceramic plates, coated boards	
suction cup type	388	
diameter in action approx. mm	300	
suction cup quality	rubber black abrasion possible upto 100° heat resistance	
number of suction cups	6	10
carrying bar length		
minimum approx. mm	2200	2900
maximum approx. mm	3500	3500
loading capacity on smooth and clean surface at 60% vacuum kg	500	1000
dead weight approx. kg	90	110
vacuum infeed connection	9 mm	
item-no.: 7000-AB...	06-0910	10-0910
Special Design	on request	

Accessories on request

item-no.: 388-SCHUTZ	protection cap for suction cup 388
item-no.: 7003-SCHUTZAB	guard grating (size in accordance to your requirement)
item-no.: 7003-USTAB	support for just sealed units (size in accordance to your requirement)



Compound Pump 7002-COMP



Compound Pump with overpressure RELEASE function

for installation to

- cranes or transport plants,
- machines,
- stacking devices
- etc.

Description

- **1-circuit vacuum system**
- the vacuum circuit has a 20 l vacuum tank with nonreturn valve, vacuum switch and control vacuum meter
- **Completely closed vacuum circuit** prevents loss of vacuum at power failure
- RELEASE-function with overpressure
- **Switch box prepared for connection of a cable remote control**

Vacuum generation

- built-in low maintenance vacuum pump (dry running system)
- for mains supply

Control means

- ON/OFF via self-connected cable remote control resp. integration of the function in the existing crane switch
(not included in the scope of supply)
- SUCTION/RELEASE via self-connected cable remote control resp. integration of the function in the existing crane switch
(not included in the scope of supply)
- shut-off valve for test functions

Installation vertically, horizontally or hanging possible

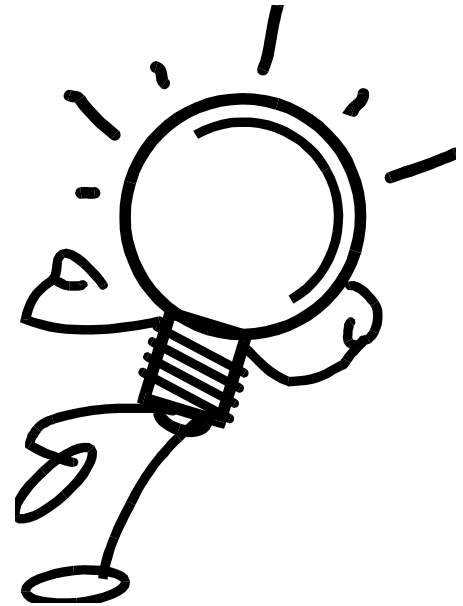
Colour: yellow



assembly dimension		
length	approx. mm	650
width	approx. mm	220
height	approx. mm	510
dead weight	approx. kg	35
vacuum infeed connection		9 mm
outout	approx.	7.0 m³/h
voltage		400 Volt 50/60 Hz 3Ph
control voltage for the remote control	230 Volt 50/60 Hz 1Ph	42 Volt 50/60 Hz 1Ph
item-no.:	7002-COMP2	7002-COMP

Special voltage on request

connection elements to the frame	hose winder with 10 m hose	-	7003-T45A
	hose winder with hose in special length	-	7003-T45AS
	hose spiral approx. 5 m	-	7003-SP6
remote control switch	in 230 Volt – version	-	7003-BED2
	in 42 Volt – version	-	7003-BED



7005-xx

Carrying Frames with compressed air-operated
Vacuum Pump / Venturi jet(s)

Venturi Device 7005-AB

**1-Circuit Vacuum Lifting
Device
according to
EN 13155.**



for vertical lifting and transporting
the **perfect** device for the warehouse

Description

- **1-circuit vacuum system**
- **Completely closed vacuum circuit**
prevents loss of vacuum at compressed air failure
- vacuum tank with nonreturn valve
- **Power failure monitoring system**
- control vacuum meter on the device
- single row arrangement of suction cups with additional supporting suction cups
- suction cups fixed directly on the frame
- outer suction cup distance adjustable via moving of the carrying bars
- outer suction cups lockable
- modular device construction
- vertical transport approx. 85°
- guide handles are adjustable in the height

Vacuum generation

- via built-in suction jet (Venturi)
for operation at least 6 bars compressed air are necessary

Control means

- Compressed air ON/OFF directly at the device
- SUCTION/RELEASE via hand valve at the device

Suspension:

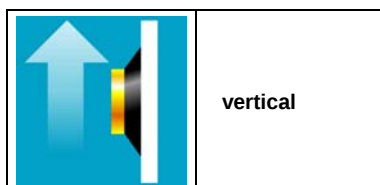
2-fold crane string

Max. loading capacity:

1000 kg

Colour:

yellow / partly zinked

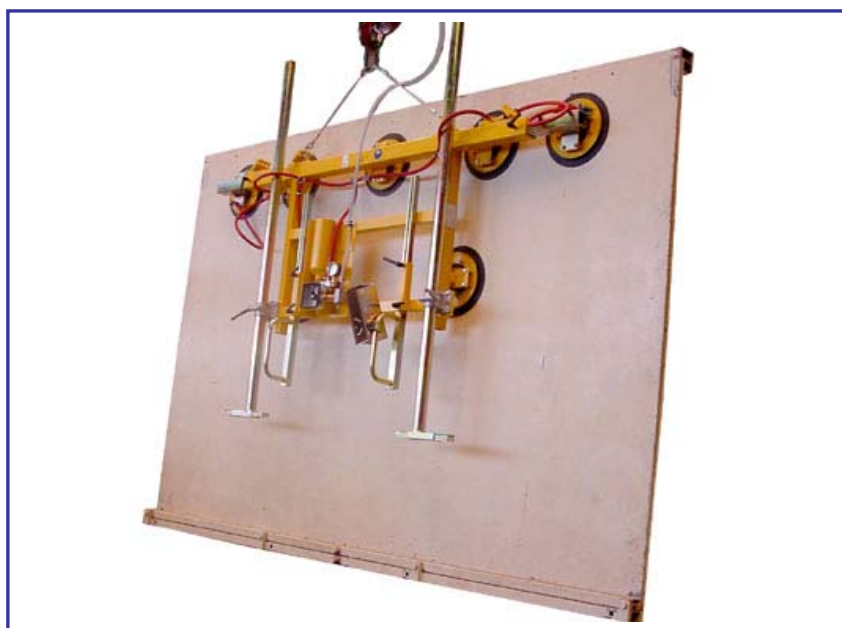


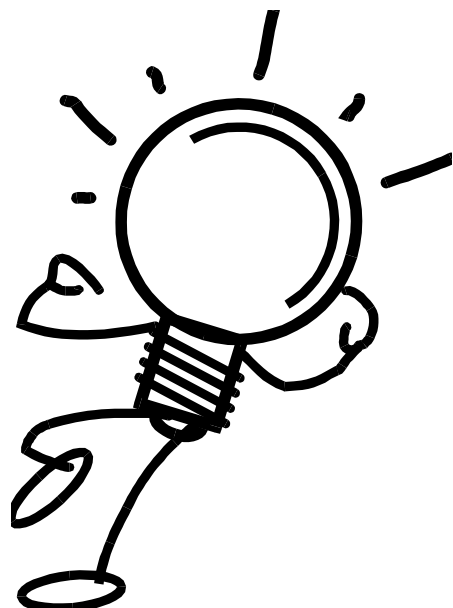
suitable for lifting	gastight	
material properties	smooth	
surface	e. g.	
	glass panes, sealed units, plastic and ceramic plates, coated boards	
suction cup type	388	
diameter in action approx. mm	300	
suction cup quality	rubber black abrasion possible upto 100° heat resistance	
number of suction cups	6	10
carrying bar length		
minimum approx. mm	2200	2900
maximum approx. mm	3500	3500
loading capacity on smooth and clean surface		
at 60 % vacuum kg	500	1000
dead weight approx. kg	90	110
air pressure connection		
quick release coupling	9 mm	
item-no.: 7000-AB...	06-0910	10-0910
Special Design	on request	

Accessories on request

item-no.: 388-SCHUTZ	protection cap for suction cup 388
item-no.: 7003-SchutzAB	guard grating (size in accordance to your requirement)
item-no.: 7003-UStAB	support for just sealed units (size in accordance to your requirement)

**Also available as 2-circuit vacuum lifting device (Type 7205-AB)
in accordance to EN 13155 / prEN 13035.**



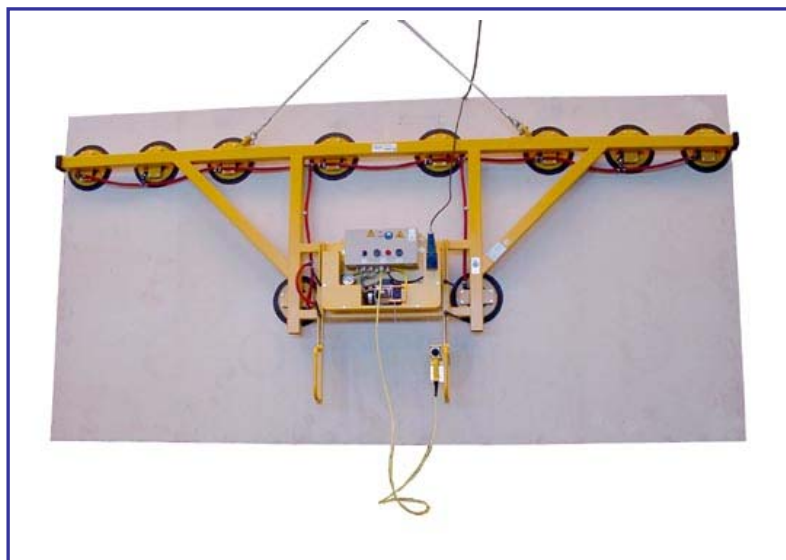


7001-xx

Carrying Frames with mains-operated,
electric Vacuum Pump

Kombi 7001-ABs

**For operation on EC
construction sites only
permissible with a
mechanical holding device
according to
EN 13155.**



for vertical lifting and transporting
the **perfect** device for the warehouse

Description

- **1-circuit vacuum system**
- control vacuum meter on the device
- single row arrangement of suction cups with additional supporting suction cups
- suction cups fixed directly on the frame
- distance of suction cups cannot be adjusted
- outer suction cups lockable
- modular device construction
- vertical transport approx. 85°
- guide handles are adjustable in the height

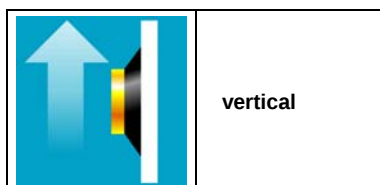
Vacuum generation

- built-in low maintenance vacuum pump (dry running system)
- for mains supply

Control means

- ON/OFF directly at the device
- SUCTION/RELEASE via cable remote control
optional
via infrared remote control

Suspension: 2-fold crane string
Max. loading capacity: 1000 kg
Colour: yellow



suitable for lifting		
material properties	gastight	
surface	smooth	
e. g.	glass panes, sealed units, plastic and ceramic plates, coated boards	
suction cup type	388	
diameter in action approx. mm	300	
suction cup quality	black rubber - abrasion possible - up to 100° heat resistance	
number of suction cups	6	10
carrying bar length approx. mm	3000	3500
loading capacity on smooth and clean surface at 60 % vacuum vertical kg	500	1000
dead weight approx. kg	90	100
structural depth approx. mm		
output	6.0 m³/h	
voltage	400 Volt 50 Hz 3 Ph	
item-no.: 7001-ABs...	6-0910-400	10-0910-400
output	3.0 m³/h	
voltage	230 Volt 50 Hz	
item-no.: 7001-ABs...	6-0910	10-0910
output	3.0 m³/h	
voltage	110 Volt 50 Hz	
item-no.: 7001-ABs...	6-0910-110	10-0910-110
Special design and special voltage	on request	
Accessories on request		
item-no.: 388-SCHUTZ	protection cap for suction cup 388	
item-no.: 7003-BF/DS	infrared remote control → SUCTION/RELEASE	
item-no.: 7003-SchutzAB	guard grating (size in accordance to your requirement)	
item-no.: 7003-UStAB	support for just sealed units (size in accordance to your requirement)	

Also available as 2-circuit vacuum lifting device (Type 7201-ABs)
in accordance to EN 13155 / prEN 13035.



Kombi 7001-AB

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according to
EN 13155.**



for vertical lifting and transporting
the **perfect** device for the warehouse

Description

- **1-circuit vacuum system**
- control vacuum meter on the device
- single row arrangement of suction cups with additional supporting suction cups
- suction cups fixed directly on the frame
- outer suction cups distance adjustable via moving of the carrying bars
- outer suction cups lockable
- modular device construction
- vertical transport approx. 85°
- guide handles are adjustable in the height

Vacuum generation

- built-in low maintenance vacuum pump (dry running system)
- for mains supply

Control means

- ON/OFF directly at the device
- SUCTION/RELEASE via cable remote control
optional
via infrared remote control

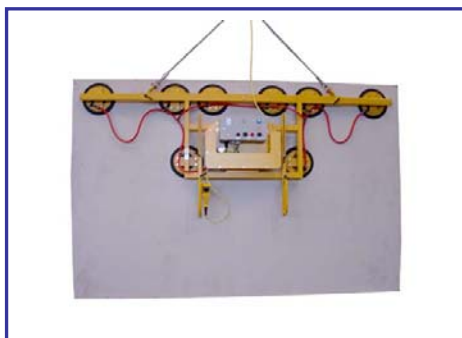
Suspension: 2-fold crane string
Max. loading capacity: 1000 kg
Colour: yellow / partly zinked



vertical

suitable for lifting			
material properties		gastight	
surface		smooth	
e. g.		glass panes, sealed units, plastic and ceramic plates, coated boards	
suction cup type		388	
diameter	in action approx. mm	300	
suction cup quality		rubber black abrasion possible upto 100° heat resistance	
number of suction cups		6	10
carrying bar length			
minimum	approx. mm	2200	2900
maximum	approx. mm	3500	3500
loading capacity			
on smooth and clean surface			
at 60% vacuum	vertical kg	500	1000
dead weight	approx. kg	90	100
structural depth		approx. mm	
vacuum infeed connection		9 mm	
output		6.0 m³/h	
voltage		400 Volt 50 Hz 3 Ph	
item-no.: 7001-AB...		06-0910-400	10-0910-400
output		3.0 m³/h	
voltage		230 Volt 50 Hz	
item-no.: 7001-AB...		6-0910	10-0910
output		3.0 m³/h	
voltage		110 Volt 50 Hz	
item-no.: 7001-AB...		6-0910-110	10-0910-110
Special design and special voltage		on request	
Accessories on request			
item-no.: 388-SCHUTZ		protection cap for suction cup 388	
item-no.: 7003-BF/DS		infrared remote control → SUCTION/RELEASE	
item-no.: 7003-SchutzAB		guard grating (size in accordance to your requirement)	
item-no.: 7003-UStAB		support for just sealed units (size in accordance to your requirement)	

**Also available as 2-circuit vacuum lifting device (Type 7201-AB)
in accordance to EN 13155 / prEN 13035.**

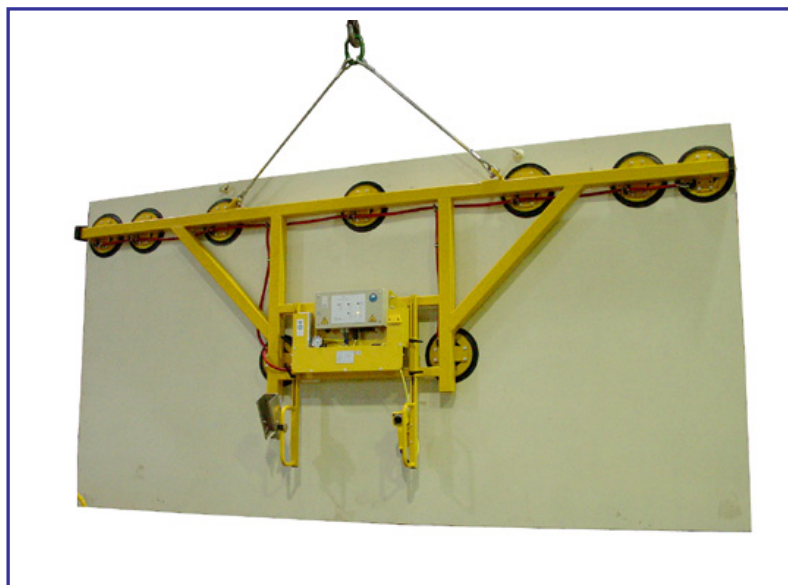


Accu-Device Kombi 7211-ABs

**2-circuit vacuum lifting
device according to
EN 13155**



vertical



for vertical lifting and transporting
the **perfect** device for the warehouse

Description

- **increased safety via 2 independent vacuum circuits**
each vacuum circuit is designed with 2-fold safety
- **according to EN 13155 & prEN 13035-1 & prEN 13035-2**
- each vacuum circuit has a vacuum tank with nonreturn valve, vacuum switch and control vacuum meter
- **2 completely closed vacuum circuit**
prevent loss of vacuum at power failure
- warning lamp and acoustic signal indicate insufficient vacuum
- **Power failure monitoring system**
- single row arrangement of suction cups with additional supporting suction cups
- suction cups fixed directly on the frame
- distance of suction cups cannot be adjusted
- outer suction cups lockable
- modular device construction
- vertical transport approx. 85°
- guide handles are adjustable in the height

Vacuum generation

- built-in low maintenance rechargeable battery vacuum pump (dry running system)
- for rechargeable battery and line operation without change-over
- built-in accumulator charger for charging over night
- no change of rechargeable battery necessary
- no cable - no hose

Control means

- ON/OFF directly at the device
- SUCTION/RELEASE via cable remote control
optional
via infrared remote control

Suspension: 2-fold crane string
Max. loading capacity: 1000 kg
Colour: yellow / partly zinked

suitable for lifting		
material properties	gastight	
surface	smooth	
e. g.	glass panes, sealed units, plastic and ceramic plates, coated boards	
suction cup type	388	
diameter in action approx. mm	300	
suction cup quality	rubber black abrasion possible upto 100° heat resistance	
number of suction cups	8	12
carrying bar length approx. mm	3000	3500
loading capacity on smooth and clean surface at 60 % vacuum		
at construction sites kg	400	600
intra-company kg	800	1000
dead weight approx. kg		
structural depth approx. mm		
output	1.5 m³/h	
voltage	230 Volt 50 Hz	
item-no.: 7011-ABs...	8-0910	12-0910
voltage	110 Volt 50 Hz	
item-no.: 7011-ABs...	8-0910-110	12-0910-110
Special design and special voltage	on request	
Accessories on request		
item-no.: 388-SCHUTZ	protection cap for suction cup 388	
item-no.: 7003-BF/DS	infrared remote control → SUCTION/RELEASE	
item-no.: 7003-WL	large warning lamp (flash bulb for collecting failures)	
item-no.: 7003-SchutzAB	guard grating (size in accordance to your requirement)	
item-no.: 7003-UStAB	support for just sealed units (size in accordance to your requirement)	

Kombi 7201-AB

**2-circuit vacuum lifting
device according to
EN 13155**



for vertical lifting and transporting
the **perfect** device for the warehouse

Description

- **increased safety via 2 independent vacuum circuits**
each vacuum circuit is designed with 2-fold safety
- **according to EN 13155 & prEN 13035-1 & prEN 13035-2**
- each vacuum circuit has a vacuum tank with nonreturn valve, vacuum switch and control vacuum meter
- **2 completely closed vacuum circuits**
prevent loss of vacuum at power failure
- warning lamp and acoustic signal indicate insufficient vacuum
- **Power failure monitoring system**
- single row arrangement of suction cups with additional supporting suction cups
- suction cups fixed directly on the frame
- outer suction cup distance adjustable via moving of the carrying bars
- outer suction cups lockable
- modular device construction
- vertical transport approx. 85°
- guide handles are adjustable in the height

Vacuum generation

- built-in low maintenance vacuum pump (dry running system)
- for mains supply

Control means

- ON/OFF directly at the device
- SUCTION/RELEASE via cable remote control
optional
via infrared remote control

Suspension:

2-fold crane string

Max. loading capacity:

1000 kg

Colour:

yellow / partly zinked

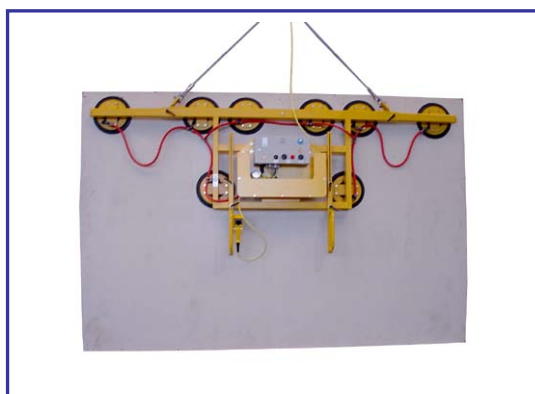


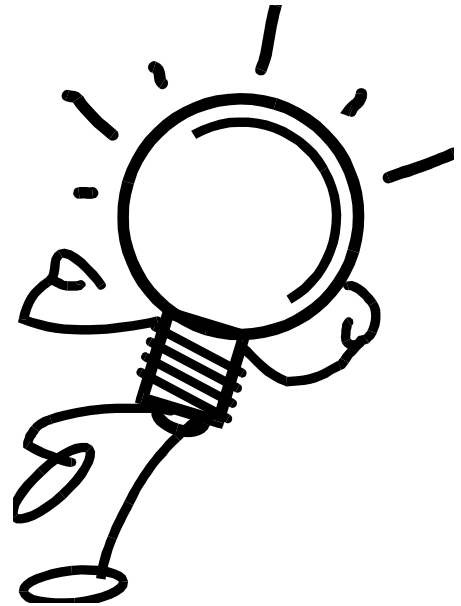
vertical

suitable for lifting		
material properties	gastight	
surface	smooth	
e. g.	glass panes, sealed units, plastic and ceramic plates, coated boards	
suction cup type	388	
diameter in action approx. mm	300	
suction cup quality	black rubber - abrasion possible - up to 100° heat resistance	
number of suction cups	8	12
carrying bar length		
minimum approx. mm	2200	2900
maximum approx. mm	3500	3500
loading capacity on smooth and clean surface at 60 % vacuum		
at construction sites kg	400	600
intra-company kg	800	1000
dead weight approx. kg	90	100
structural depth approx. mm		
vacuum infeed connection	9 mm	
output	6.0 m³/h	
voltage	400 Volt 50 Hz 3 Ph	
item-no.: 7201-AB...	8-0910-400	12-0910-400
output	3.0 m³/h	
voltage	230 Volt 50 Hz	
item-no.: 7201-AB...	8-0910	12-0910
output	3.0 m³/h	
voltage	110 Volt 50 Hz	
item-no.: 7201-AB...	8-0910-110	12-0910-110
Special design and special voltage	on request	

Accessories on request

item-no.: 388-SCHUTZ	protection cap for suction cup 388
item-no.: 7003-BF/DS	infrared remote control → SUCTION/RELEASE
item-no.: 7003-WL	large warning lamp (flash bulb for collecting failures)
item-no.: 7003-SchutzAB	guard grating (size in accordance to your requirement)
item-no.: 7003-UStAB	support for just sealed units (size in accordance to your requirement)





7011-xx

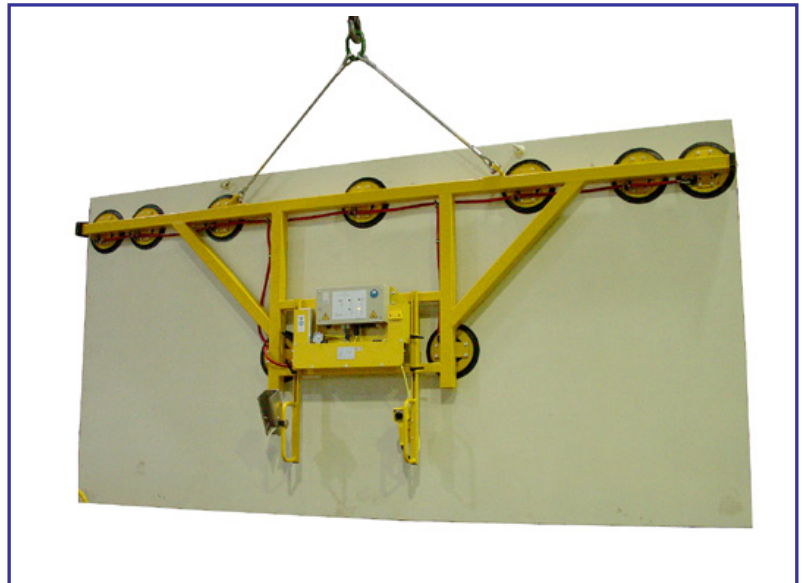
Carrying Frames with mains-independent, electric
(rechargeable battery-operated) Vacuum Pump

Accu-Device Kombi 7011-ABs

**For operation on EC
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mechanical holding device
according to
EN 13155.**



vertical



for vertical lifting and transporting
the **perfect** device for the warehouse

Description

- **1-circuit vacuum system**
- the vacuum circuit has a vacuum tank with nonreturn valve, vacuum switch and control vacuum meter
- **Completely closed vacuum circuit** prevents loss of vacuum at power failure
- warning lamp and acoustic signal indicate insufficient vacuum
- single row arrangement of suction cups with additional support suction cups
- suction cups fixed directly on the frame
- distance of suction cups cannot be adjusted
- outer suction cups lockable
- modular device construction
- vertical transport approx. 85°
- guide handles are adjustable in the height

Vacuum generation

- built-in low maintenance rechargeable battery vacuum pump (dry running system)
- for rechargeable battery and line operation without change-over
- built-in accumulator charger for charging over night
- no change of rechargeable battery necessary
- no cable - no hose

Control means

- ON/OFF directly at the device
- SUCTION/RELEASE via cable remote control
optional
via infrared remote control

Suspension: 2-fold crane string
Max. loading capacity: 1000 kg
Colour: yellow

suitable for lifting		
material properties	gastight	
surface	smooth	
e. g.	glass panes, sealed units, plastic and ceramic plates, coated boards	
suction cup type	388	
diameter in action approx. mm	300	
suction cup quality	rubber black abrasion possible upto 100° heat resistance	
number of suction cups	6	10
carrying bar length approx. mm	3000	3500
loading capacity on smooth and clean surface at 60% vacuum vertical kg	500	1000
dead weight approx. kg		
structural depth approx. mm		
output	1.5 m³/h	
voltage	230 Volt 50 Hz	
item-no.: 7011-AB...	6-0910	10-0910
voltage	110 Volt 50 Hz	
item-no.: 7011-AB...	6-0910-110	10-0910-110
Special design and special voltage	on request	
Accessories on request		
item-no.: 388-SCHUTZ	protection cap for suction cup 388	
item-no.: 7003-BF/DS	infrared remote control → SUCTION/RELEASE	
item-no.: 7003-SchutzAB	guard grating (size in accordance to your requirement)	
item-no.: 7003-UStAB	support for just sealed units (size in accordance to your requirement)	

**Also available as 2-circuit vacuum lifting device (Type 7211-ABs)
in accordance to EN 13155 / prEN 13035.**

Accu-Device Kombi 7011-AB

**For operation on EC
construction sites only
permissible with a
mechanical holding device
according to
EN 13155.**



for vertical lifting and transporting
the **perfect** device for the warehouse

Description

- **1-circuit vacuum system**
- the vacuum circuit has a vacuum tank with nonreturn valve, vacuum switch and control vacuum meter
- **Completely closed vacuum circuit**
prevents loss of vacuum at power failure
- warning lamp and acoustic signal indicate insufficient vacuum
- single row arrangement of suction cups with additional support suction cups
- suction cups fixed directly on the frame
- outer suction cup distance adjustable via moving of the carrying bars
- outer suction cups lockable
- modular device construction
- vertical transport approx. 85°
- guide handles are adjustable in the height

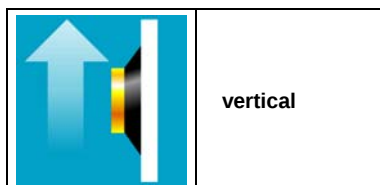
Vacuum generation

- built-in low maintenance rechargeable battery vacuum pump (dry running system)
- for rechargeable battery and line operation without change-over
- built-in accumulator charger for charging over night
- no change of rechargeable battery necessary
- no cable - no hose

Control means

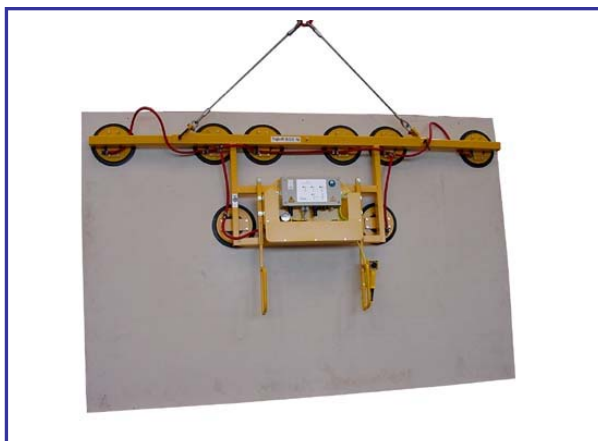
- ON/OFF directly at the device
- SUCTION/RELEASE via cable remote control
optional
via infrared remote control

Suspension: 2-fold crane string
Max. loading capacity: 1000 kg
Colour: yellow / partly zinked



suitable for lifting		
material properties	gastight	
surface	smooth	
e. g.	glass panes, sealed units, plastic and ceramic plates, coated boards	
suction cup type	388	
diameter in action approx. mm	300	
suction cup quality	rubber black abrasion possible upto 100° heat resistance	
number of suction cups	6	10
carrying bar length		
minimum approx. mm	2200	2900
maximum approx. mm	3500	3500
loading capacity on smooth and clean surface at 60% vacuum vertical kg	500	1000
dead weight approx. kg	90	100
structural depth approx. mm		
output	1.5 m³/h	
voltage	230 Volt 50 Hz	
item-no.: 7011-AB...	6-0910	10-0910
voltage	110 Volt 50 Hz	
item-no.: 7011-AB...	6-0910-110	10-0910-110
Special design and special voltage	on request	
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Also available as 2-circuit vacuum lifting device (Type 7211-AB)
in accordance to EN 13155 / prEN 13035.

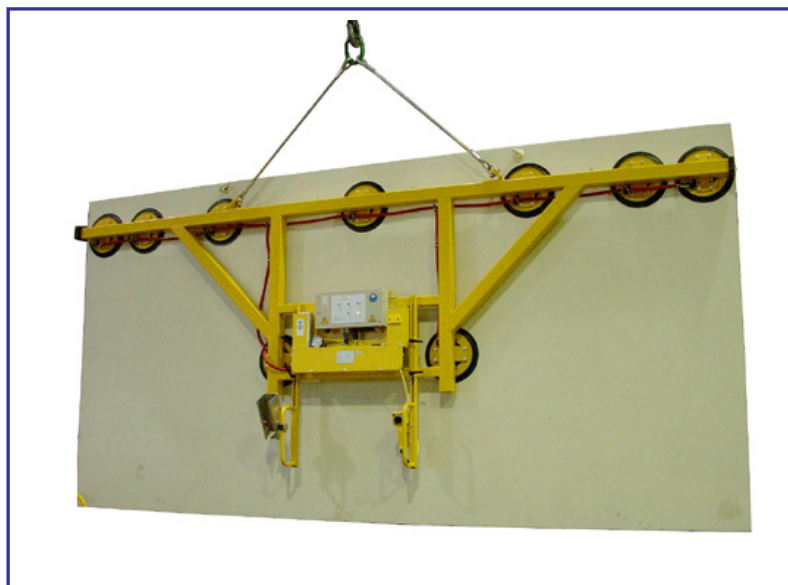


Accu-Device Kombi 7211-ABs

**2-circuit vacuum lifting
device according to
EN 13155**



vertical



for vertical lifting and transporting
the **perfect** device for the warehouse

Description

- **increased safety via 2 independent vacuum circuits**
each vacuum circuit is designed with 2-fold safety
- **according to EN 13155 & prEN 13035-1 & prEN 13035-2**
- each vacuum circuit has a vacuum tank with nonreturn valve, vacuum switch and control vacuum meter
- **2 completely closed vacuum circuit**
prevent loss of vacuum at power failure
- warning lamp and acoustic signal indicate insufficient vacuum
- **Power failure monitoring system**
- single row arrangement of suction cups with additional supporting suction cups
- suction cups fixed directly on the frame
- distance of suction cups cannot be adjusted
- outer suction cups lockable
- modular device construction
- vertical transport approx. 85°
- guide handles are adjustable in the height

Vacuum generation

- built-in low maintenance rechargeable battery vacuum pump (dry running system)
- for rechargeable battery and line operation without change-over
- built-in accumulator charger for charging over night
- no change of rechargeable battery necessary
- no cable - no hose

Control means

- ON/OFF directly at the device
- SUCTION/RELEASE via cable remote control
optional
via infrared remote control

Suspension: 2-fold crane string
Max. loading capacity: 1000 kg
Colour: yellow / partly zinked

suitable for lifting		
material properties	gastight	
surface	smooth	
e. g.	glass panes, sealed units, plastic and ceramic plates, coated boards	
suction cup type	388	
diameter in action approx. mm	300	
suction cup quality	rubber black abrasion possible upto 100° heat resistance	
number of suction cups	8	12
carrying bar length approx. mm	3000	3500
loading capacity on smooth and clean surface at 60 % vacuum		
at construction sites kg	400	600
intra-company kg	800	1000
dead weight approx. kg		
structural depth approx. mm		
output	1.5 m³/h	
voltage	230 Volt 50 Hz	
item-no.: 7011-ABs...	8-0910	12-0910
voltage	110 Volt 50 Hz	
item-no.: 7011-ABs...	8-0910-110	12-0910-110
Special design and special voltage	on request	
Accessories on request		
item-no.: 388-SCHUTZ	protection cap for suction cup 388	
item-no.: 7003-BF/DS	infrared remote control → SUCTION/RELEASE	
item-no.: 7003-WL	large warning lamp (flash bulb for collecting failures)	
item-no.: 7003-SchutzAB	guard grating (size in accordance to your requirement)	
item-no.: 7003-UStAB	support for just sealed units (size in accordance to your requirement)	

Accu-Device Kombi 7211-AB

**2-circuit vacuum lifting
device according to
EN 13155**



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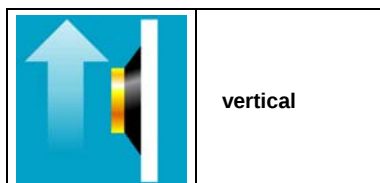
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