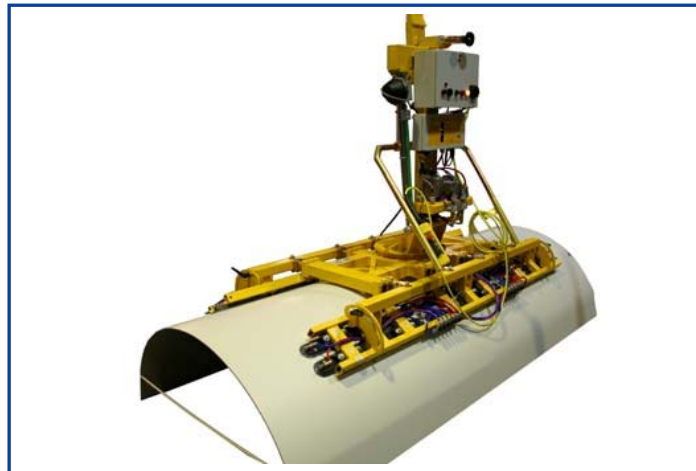
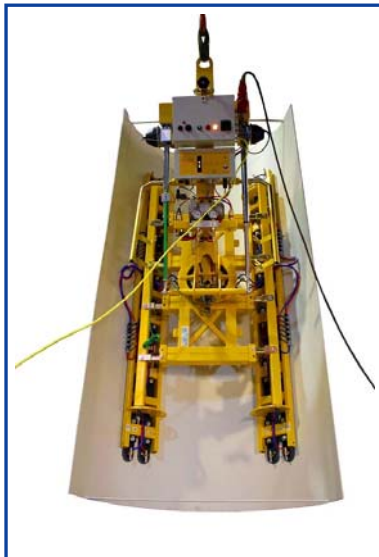


Kombi 7231-DmSG

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



**for planar stabilized, vertical lifting and transporting
of convex and concave curved materials
motorized tilting through up to 90 degrees
manual turning through ± 360 degrees**

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**
- suction cups fixed directly on the carrying bar
- carrying bars are turnable on bearings
for minimum radius of 750 mm
- all suction cups lockable individually
- extendable at by 4 extensions
- stepless tilting through 90 degrees
via electric lifting motor
- ball beared turning device and lock
locking at -270° -180° -90° 0° $+90^\circ$ $+180^\circ$ $+270^\circ$
- guide bow
- holder for crane switch

Vacuum Generation

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

Control Means

- ON/OFF via cable remote control
- SUCTION/RELEASE via cable remote control
- tilting horizontal/vertical via cable remote control

Suspension:





crane eye at the carrying frame

Safe Working Load:

460 kg / 800 kg

Colour:

yellow / partly zinked

	vertical
	horizontal
	turning through ± 360 degrees
	tilting through 90 degrees

suitable for lifting	gas-tight	
material properties	smooth	
surface	convex and concave curved radius minimum 750 mm	
e. g.	glass panes, insulation glass units, plastic and ceramic plates, coated boards	
suction cup type	544	
Suction cup surface	300 x 80	
in action approx. mm		
quality of suction cups	black rubber abrasion possible up to 100° C heat resistant	
number of suction cups	2 x 12 (without extensions)	2 x 16 (with extensions)
safe working load on smooth and clean surface at 60 % vacuum		
in-plant kg	600	800
at EC construction sites kg	320	460
number of longitudinal carrying bars	2	
length of the cross carrying bars		
approx. mm	2400	3200
dead weight approx. kg		355
output	3 m ³ /h	
voltage	400 Volt 50 Hz 3Ph	
Item No.: 7231-DmSG...		
Special Design and Special Voltage	on request	

