

## Kombi 7241-DmS3

Developed for operation  
on the construction site  
within the EC  
according to EN 13155



for planar stabilized, vertical lifting and transporting  
motorized tilting through up to 90 degrees  
manual turning through  $\pm 360$  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
- multiple row arrangement of suction cups
- all suction cups lockable individually
- extendable at maximum by 6 extensions
- ball beared turning device and lock locking at  $-270^\circ$   $-180^\circ$   $-90^\circ$   $0^\circ$   $+90^\circ$   $+180^\circ$   $+270^\circ$
- stepless tilting through 90 degrees via electric lifting motor
- guide bow
- holder for crane switch

### Drive

- Rechargeable battery-operated spindle motor with speed control
- External battery charger for recharging over night





### 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 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:** 1000 kg  
**Colour:** yellow / partly zinked

	vertical
	horizontal
	turning through $\pm 360$ degrees
	tilting through 90 degrees

<b>suitable for lifting</b>						
material properties	gas-tight					
surface	smooth					
e. g.	glass panes, insulation glass units, plastic and ceramic plates, coated boards					
<b>suction cup type</b>	<b>388</b>					
<b>diameter</b> in action approx. mm	300					
<b>quality of suction cups</b>	rubber black - abrasion possible - up to 100° C heat resistance					
<b>number of suction cups</b>	2x 10	2 x 8	2 x 6	2 x 5	2 x 4	2 x 3
<b>number of extension pieces:</b>	6	4	2	4	0	0
<b>safe working load</b> on smooth and clean surface at 60 % vacuum						
<b>at EC construction sites</b> kg	1000	800	600	500	400	300
<b>in-plant</b> kg	1000	1000	1000	1000	800	600
<b>dead weight</b> approx. kg	195					
<b>frame size</b> approx. mm	2550 x 1850	2550 x 1000	2100 x 1360	2550 x 1000	1360 x 630	1360 x 630
<b>output</b>	3.0 m³/h					
<b>voltage</b> charger for battery	230 Volt 50/60 Hz 1Ph					
<b>Item No.: 7211-DmS3...</b>	<b>20-0910</b>	<b>16-0910</b>	<b>12-0910</b>	<b>10-0910</b>	<b>08-0910</b>	<b>06-0910</b>
<b>voltage</b> charger for battery	110 Volt 50/60 Hz 1Ph					
<b>Item No.: 7211-DmS3...</b>	<b>20-0910-110</b>	<b>16-0910-110</b>	<b>12-0910-110</b>	<b>10-0910-110</b>	<b>08-0910-110</b>	<b>06-0910-110</b>

**Special Design  
and  
Special Voltage**

on request

