

OKTOPUS® PANEL-Jack KT-B with 10 m roof cross beam for installing of roof elements up to 22 m length



2-circuit system

for construction site use according to DIN EN 13155

Use

The vacuum-based load handling device OKTOPUS® PANEL-Jack KT-B as single device is suitable for the horizontal and vertical installation of cladding panels and is used for the installation of roof elements up to approx. 8 m in length as well.

A 6 m or 10 m long roof cross beam (DT6 or DT10) can be used to pair off two OKTOPUS® PANEL-Jack KT-B single units. In this case, roof elements of up to 22 m in length can be installed.

Hoist

e. g. truck-mounted crane, top slewing crane

Suspension

crane mounting horizontal installation: is needed for horizontal wall installation

crane mounting vertical installation: is needed for vertical wall installation

Roof cross beam 6 m or 10 m (DT6 or DT10) with adjustable chain hanger





Material to be handled

The suction areas of the elements to be lifted must be air-impermeable, have to have an even and clean surface and must not be covered with protective foil.

Description

The OKTOPUS® PANEL-Jack KT-B can be used to transport and assemble almost all commercially available sandwich elements and many trapezoidal sheet metal profiles by using the proven Wirth round and oval vacuum pads.

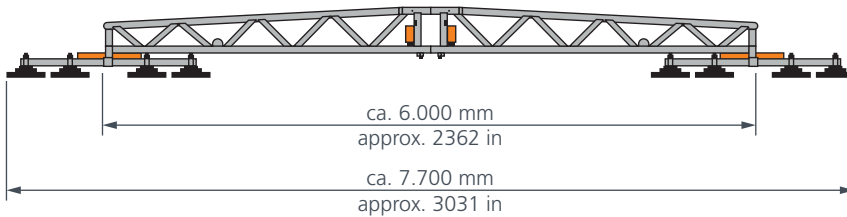
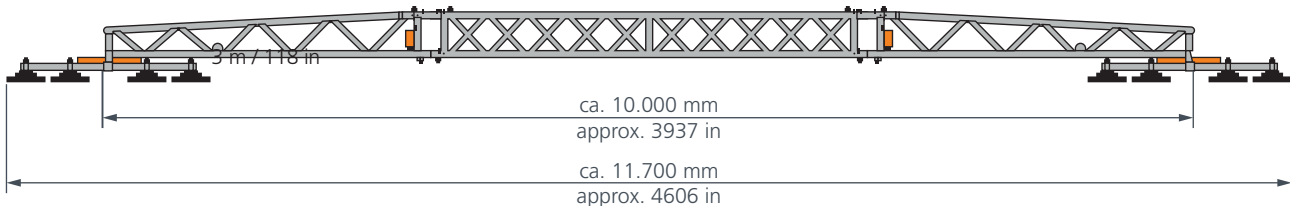
The electrically operated vacuum pumps are supplied with energy by a 24 V DC battery system. Optical and acoustic signalling devices inform about deviations from the nominal conditions state. Even in the event of a total power failure, the vacuum in each suction cup is maintained for at least 5 minutes. This ensures that the load is set down safely at all times.

	Crane attachment
	Roof installation
	Control panel at the device / cable remote control
	Battery



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Application data	
Working Load Limit	Max. working load limit of the system with on even load distribution on both KT-B and a roof inclination (α)
	$0^\circ \leq \alpha \leq 10^\circ$
	2 KT-B with 8 round suction pads (\varnothing 250 mm) per device 600 kg 2 KT-B with 12 oval suction pads (100 mm x 320 mm) per device 600 kg
Weight	approx. 350 kg
Roof cross beam	Length 6 m: 2-part (2 x 3 m) Length 10 m: 3 parts (2 x 3 m, 1 x 4 m)
Suction pads	Wirth standard suction pads - round suction pads (\varnothing 250 mm) or - oval suction pads (100 mm x 320 mm)
Vacuum generation	electric vacuum pump
Operation	control panel on the device
Vacuum system	dual-circuit vacuum system for construction site use
Nom. pres. pneumatic system	-0,65 bar bis -0,9 bar
Power supply	rechargeable battery, 24 V
Optional equipment	crane mounting horizontal installation for single device crane mounting vertical installation for single device rope lashing (2 ropes, l = 3 m) for single device and roof cross beam DT5 chain lashing (2 chains, 2 ropes, l = 7 m) for DT6 and DT10
Optional facilities	quick exchange battery cartridge safety belts transport box for single devices



Subject to change in the interest of technical progress.

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