



BOK-SYSTEM INTEGRATED SOLUTION WITH SUPPORT BEAM



YOUR VISION – OUR SOLUTION

BOK

The compact BOK system has proven itself for many years in various assembly, testing, commissioning and battery charging applications. Able to support high loads, BOK is especially useful with production and assembly conveyors when hand tools or control monitors are required.

The BOK system is comprised of a low profile single aluminum track with specially designed compact hangers installed at the bottom flange of the track. The compact hangers accept VAHLE U10 conductors for electric current supply as well as the APOS positioning system and a leaking wave cable for data transmission requirements.

AREAS OF APPLICATION

- Screw fastener technology at production and assembly lines
- Commissioning sections
- Test installations at assembly lines
- Battery charging systems

SYSTEM SPECIFICS

- Aluminum support track profile above assembly line
- Electrical current supply along entire length of line
- Carriers available for up to 250 kg load capacity
- Bi-directional operation

With these components you can supply current, positioning and data transmission simultaneously. Support carriers are inserted into the aluminum track and manually positioned as required.

Carriers can support loads of 70lbs, 140lbs or 550lbs and can be equipped with structural racks to accept tools, instruments or monitors as required in order to create highly efficient, easily moveable workstations.

STRUCTURAL RACKS

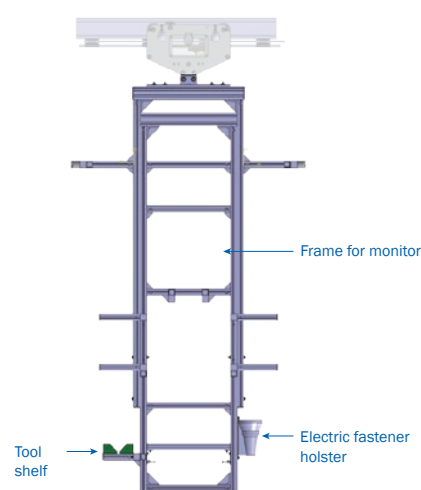
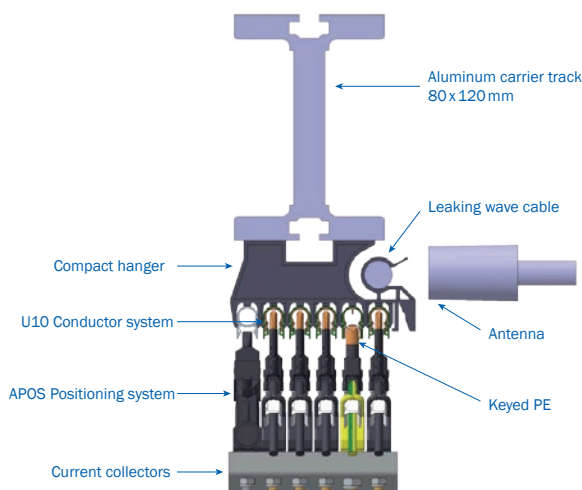
Support racks to meet specific customer requirements can be supplied.

- variable support rack in modular construction
- manufactured to customer requirements
- highly adaptable to accept tools and instruments
- expandable and able to retrofit

PLEASE NOTE

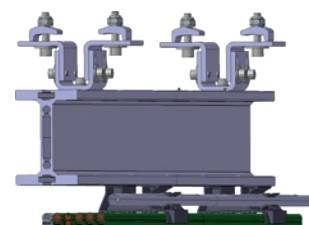
Additional information, including U10 and APOS technical data, can be found by visiting our website at www.vahle.de/en or contacting us directly.

Type	Load capacity	Track hanger support distance
Single carrier	50 kg	max. 3 m
Double carrier	100 kg	max. 3 m
Single carrier (heavy duty)	250 kg	max. 2 m



BOK-SYSTEM

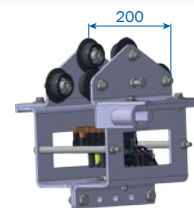
Aluminum carrier track including U10 conductors and components, track hangers and joint splices



Type	Description	Weight kg/m	Order-No.
BOK-SYSTEM 4-POLES+PEVP	BOK-System 5-poles (complete)	12.000	144051
BOK-SYSTEM 5-POLES+PEVP	BOK-System 6-poles (complete)	12.500	144052

SINGLE CARRIER

Load capacity: 50 kg

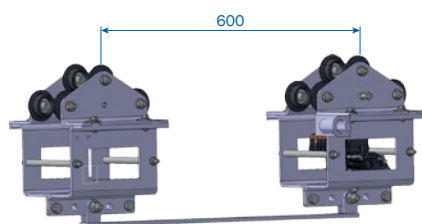


Complete carrier

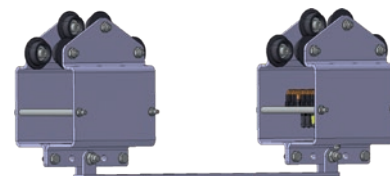


Basic carrier

Type	Versions available	Current collectors	Weight kg	Order-No.
TW-200-BOK-1-KDS2/40-A	Basic	5-poles	7.700	144317
TW-200-BOK-1-KDS2/40-AA	Basic	6-poles	7.800	143865
TW-200-BOK-F-A-D-S-1-SA-KDS2/40-A	Complete	5-poles	9.200	10001473
TW-200-BOK-F-A-D-S-1-SA-KDS2/40-AA	Complete	6-poles	9.300	144321



Complete carrier



Basic carrier

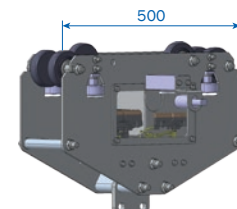
DOUBLE CARRIER

Load capacity: 100 kg

Type	Versions available	Current collectors	Weight kg	Order-No.
TW-DTW600-BOK-1-SA-KDS2/40-A	Basic	5-poles	17.000	144083
TW-DTW600-BOK-1-SA-KDS2/40-AA	Basic	6-poles	17.100	143863
TW-DTW600-BOK-F-A-D-S-1-SA-KDS2/40-A	Complete	5-poles	19.300	10001955
TW-DTW600-BOK-F-A-D-S-1-SA-KDS2/40-AA	Complete	6-poles	19.400	144092

SINGLE CARRIER (HEAVY DUTY)

Load capacity: 250 kg



Type	Current collectors	Weight kg	Order-No.
TW-500-BOK-A-S-1-KDS2/40-A	5-poles	21.661	144082
TW-500-BOK-A-S-1-KDS2/40-AD	6-poles	21.800	144084



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