

HYDROGEN SMART CONTAINER (HSC)

**WOLFTANK
GROUP**

DEVELOPED AND DESIGNED BY EDC-ANLAGENTECHNIK GMBH

SMALL FLEET SOLUTION FOR ROAD MOBILITY



VERSATILE

Various versions available: 350 bar and 700 bar for forklift, car, truck, bus and more...



FLEXIBLE

Great for pilot projects, test facility applications, demo and marketing projects.



SAFE

Software-controlled refuelling according to state-of-the-art protocols (e.g. SAE, JPEC).



Hydrogen Smart Container (HSC) at UNITI, Stuttgart 2022

Wolftank Group

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HYDROGEN SMART CONTAINER (HSC)

Dimensions (L x W x H)	6,06 m x 2,44 m x 2,59 m
Weight (based on system configuration)	Up to 7.500 kg
Ambient temperature range	-20 °C bis +40 °C
Standards, guidelines	Machinery Directive 2006/42/EC ATEX Directive 2014/34/EU Pressure Equipment Directive (PED) 2014/68/EU

SUPPLY

Electrical power	400 V, 50 Hz, 32 A
Hydrogen quality standards	ISO 14687:2019 SAE J2719_202003
Hydrogen supply connectors	3
Maximum supply pressure H ₂	300 bar (30 MPa)

COMPRESSOR AND STORAGE UNIT

Pneumatically H ₂ compressor	Up to 3,6 kg H ₂ / h @ 300 bar inlet
Storage capacity (based on system configuration)	Up to 55 kg H ₂ @ 500 bar Up to 15 kg H ₂ @ 900 bar

DISPENSER

Fuelling	350 bar 700 bar
Fuelling equipment	WEH TK17 with IR-Interface
Calibrated flow measurement	Optional available
Payment system	ISFS interface optionally available
Remote maintenance	Yes (integrated GSM Router)
RFID	Optionally

