

**Technical specifications 2-SAT Europe SNG large HOL 161 2.0 (HD/SD)**

- **MAN TGM12.250**  
Air suspension, hydraulic Jacks  
Special developed air-conditioning front and rear and 2 roof units  
One working area (Uplink / Editing)  
Much space inside
- **Power-supply**  
Internal power supply of 8 KVA  
Redundant switch-able with 32Amps shore power  
Uninterruptible power supply (UPS) for 15 minutes
- **Antenna dish**  
Four port 2.4 DMK Vertex antenna  
Dual/Triple SD carrier possible  
Receive on two polarisations at the same time possible  
Maximum EIRP 73.5 dBW
- **Uplink**  
Fully redundant multi carrier  
Two 750Watt HPA's [CPI]  
Phase combined and separately switchable  
Two upconverters Extended KU-band [Miteq]  
Two CM5000 full option MPEG4/MPEG2 SD or **HD** encoders 4.2.0 / 4.2.2 [Ateme]  
including modulators QPSK/8PSK [Link]  
Two IRD MPEG4/MPEG2 SD or HD [Ateme]  
One IRD MPEG2 (4.2.0 / 4.2.2) [Link]  
Spectrum analyser  
More carriers possible!!!
- **Video**  
Monitoring by quad split HD screens 47 inch for total view
- **Audio**  
Up to 16 audio channels possible to transmit  
Two times two speakers [Ektif]  
Two RTW audio level meters
- **Intercom**  
One eight channel four-wire intercom  
Two cell phones for IFB, optional third IFB
- **Cables**  
Various video cables and audio cables  
Various multi-core audio cables (socapex)
- **Sundries**  
Licences for: Eutelsat, France Telecom, Intelsat, NewSkies, SES-Astra and other providers  
And many other little things, which make working in this car very pleasant