



JAHRE

Electric & Electronics for Hanse	Price in €		H458	H508	H548	H588	H675
	net.	incl. 19% VAT					
Navigation & Safety							
<input type="checkbox"/> Additional Multifunction Instrument B&G Triton ² installed	710	845	✓	✓	✓	✓	
<input type="checkbox"/> Additional autopilot controller B&G Triton ² installed at port side	540	643	✓	✓	✓	✓	
<input type="checkbox"/> Autopilot radio remote control B&G WR10 installed with base station	670	797	✓	✓	✓	✓	
<input type="checkbox"/> Additional B&G H5000 Graphic display installed (if space available)	1.244	1.480	✓	✓	✓	✓	
<input type="checkbox"/> B&G H5000 Race Upgrade Kit installed (only with XW2001 - H5000) • incl. Hercules CPU, vertical MHU 1050mm, 3D Motion Sensor, Baro	5.563	6.620					✓
<input type="checkbox"/> Mast displays 3x B&G HVision 20/20HV on the mast installed • extremely clear display for maximum visibility of important data	3.653	4.347	✓	✓	✓	✓	
<input type="checkbox"/> Doppler radar B&G HALO24" Best in Class, on mast installed • 48 nm range from a compact 24-inch dome, 6.75 kg • Advanced pulse compression technology with beam sharpening • Simultaneous dual range operation sees both near and far. • VelocityTrack™ Doppler technology for collision avoidance • Easy operation with port, offshore, weather and bird mode	3.733	4.442	✓	✓	✓	✓	
<input type="checkbox"/> Forward-looking sonar ForwardScan® for display on Zeus ³ MFD installed • shows what lies ahead under water w. approaching depth information • Maximum range of 10 times the depth of the water under the boat • Avoid upcoming dangers or obstructions and set shallow depth alarms	2.161	2.572	✓	✓	✓	✓	
<input type="checkbox"/> EPIRB1 Ocean Signal RescueMe incl. MMSI programming	500	595	✓	✓	✓	✓	✓
<input type="checkbox"/> EPIRB Buoy Ocean Signal EPIRB1 PRO, with case & programming	790	940					✓
<input type="checkbox"/> MOB1 Ocean Signal RescueMe incl. programming	330	393	✓	✓	✓	✓	✓
<input type="checkbox"/> PLB1 Ocean Signal RescueMe incl. MMSI programming	350	417	✓	✓	✓	✓	✓
<input type="checkbox"/> Radar reflector Echomax "Active X" installed on the masthead installed	1.430	1.702	✓	✓	✓	✓	
Energy & Electrics							
<input type="checkbox"/> Battery monitor with barometer PICO One installed • shows the charge state in %, remaining time of the consumer battery	695	827	✓				✓
<input type="checkbox"/> Battery monitor Victron Energy BMV700 with alarm function installed • indicates the charge status in%, remaining time of the service battery	615	732	✓	✓			✓
<input type="checkbox"/> AGM battery Capacity expansion with 1x160Ah Battery (only w. XH1001)	940	1.119	✓				
<input type="checkbox"/> AGM battery Capacity expansion with 2x160Ah Battery (o. without AC)	1.420	1.690		✓			
<input type="checkbox"/> AGM battery Capacity expansion with 2x160Ah Battery Stb.	2.060	2.451			✓		
<input type="checkbox"/> Lithium extension battery BOS 2 blocks with 51Ah total (7kg), installed • corresponds to 100Ah lead-acid batteries with approx. 32kg weight • increases the capacity, performance, efficiency & lifetime of batteries • Add. performance optimisation through charging priority of batteries • and preferred discharge of the lithium battery with >2,000 full cycles	1.025	1.220	✓	✓	✓	✓	

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<input type="checkbox"/> Lithium-Smart battery pack (300 Ah) with 3.840 Wh installed <ul style="list-style-type: none"> high efficiency, 4x longer life (2,500 cycles @80% DoD) integrated battery monitoring (no more deep discharge) safest lithium-ion chemistry currently available incl. adaptation of the charging technology with Combi 12/1600/70 	8.800	10.472	✓				
<input type="checkbox"/> Charger/Inverter Combi, 12V/1.600W-80A installed	2.580	3.070	✓				
<input type="checkbox"/> Fuel cell EFOY Comfort 210i with 2.520Wh or 210Ah / day installed <ul style="list-style-type: none"> compact, quiet, environmentally friendly & fully automatic operation 10L fuel cartridge is sufficient f. nominal capacity of 11 kWh/925 Ah if necessary, the EFOY automatically starts and charges the batteries 	7.400	8.806		✓	✓	✓	
<input type="checkbox"/> Fuel cartridge 10L for fuel cell	46	55		✓	✓	✓	
Solar							
<input type="checkbox"/> 2 x solar panel S665M43 marine series installed on the hatch garage <ul style="list-style-type: none"> 300Wp, 25A@12V max. or 1330Wh/d extremely flat, fully walkable high performance even with diffuse light & in months with low light incl. MPPT Smart Solar controller with app monitoring 	3.070	3.653	✓				
<input type="checkbox"/> 3 x solar panel S525M35 marine installed on hatch garage or hardtop <ul style="list-style-type: none"> 360Wp, 30A max. or 1575Wh/day, extremely flat, fully walkable high performance even with diffuse light & in months with low light incl. MPPT Smart Solar controller with app monitoring 	4.000	4.760		✓	✓	✓	
<input type="checkbox"/> Solar package with 1.000 Wp on hardtop installed <ul style="list-style-type: none"> 7x Marine Power M modules with 4,320 Wh per day (max.43A) Black Power M panels are very thin, flexible, durable & light Extremely productive even in diffuse light, low light conditions 3x MPPT solar controller with 94% efficiency wired to the series including V4A holding rails & deck passages 	10.330	12.293					✓
Internet							
<input type="checkbox"/> Internet connection WIFI/4G w. 100Mbps & 2x LTE Marine ant. at hardtop <ul style="list-style-type: none"> fast & stable router for the transport area, up to 20sm on the coast Dual SIM LTE modem (inside boat) w. automatic switching by failure WiFi 802.11 a/b/g/n/ac with 2,4 & 5 GHz complete security package requires a data rate with the desired mobile provider (SIM Card) 	2.840	3.380			✓	✓	✓
<input type="checkbox"/> Internet Sat. system KVH TracPhone V3HTS miniVSAT installed at spreader <ul style="list-style-type: none"> fully automatic aligning & tracking satellite antenna (Ø39) Voice & Internet Broadband Connection with up to 5 Mbps download the V3HTS is 90% smaller & 75% lighter than standard VSAT systems Coverage almost worldwide with automatic switching Follow-up costs on contract: 99USD p/mth: 1USD/MB + 0.5USD/Min Internet connection available on board via WiFi Complete with custom bracket & stainless steel protection cage 	23.560	28.036					✓

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Cameras							
<input type="checkbox"/> Camera (front view) mounted on the first spreader with display on Zeus ³	1.305	1.553	✓	✓	✓	✓	
<input type="checkbox"/> Thermal imaging camera Flir M232 IP, tiltable/swivelling installed <ul style="list-style-type: none"> w. thermal image resolution 320x240p & 2x dig. zoom, you can watch also at night, to detect bridges, docks, buoys & other boats range to find persons ~ 457m - small boat ~ 1,3km incl. mast mounting bracket & with JCU joystick at steering position 	6.200	7.378				✓	✓
<input type="checkbox"/> Stabilized thermal imaging camera Flir M364C (640x512, 30Hz) installed <ul style="list-style-type: none"> enables easy & safe navigation in total darkness incl. colour low-light camera with tilt, pan & electronic zoom Outstanding imaging performance, intelligent obstacle detection and improved gyro stabilization incl. mast bracket & JCU 2 joystick unit at the helm 	28.660	34.105				✓	✓
<input type="checkbox"/> Underwater Camera EYES GEN 2 displayed on Zeus ³ installed	1.530	1.821		✓	✓	✓	
Sound & TV Components							
<input type="checkbox"/> Radio Sound Upgrade in the cockpit w. Fusion 1.600W digital amplifier <ul style="list-style-type: none"> 2x additional Signature speakers and a 10" subwoofer 	2.032	2.418				✓	
<input type="checkbox"/> TV package 43 inch UHD TV and DVB-T2 antenna installed <ul style="list-style-type: none"> Smart TV 43 inch 4K UHD with DVB-T/S receiver in saloon digital DVB-T2 TV antenna Glomex on mast top with amplifier required components: Inverter with at least 500W!	1.950	2.321	✓	✓			
<input type="checkbox"/> TV package 49 inch and DVB-T2 antenna installed <ul style="list-style-type: none"> TV 49 inch 4K QLED with wall bracket in saloon digital DVB-T2 TV antenna Glomex on mast top with amplifier required components: Inverter with at least 700W!	2.142	2.549			✓	✓	
<input type="checkbox"/> Sat-TV antenna KVH Tracvision TV3 d39cm installed on the spreader <ul style="list-style-type: none"> tracking satellite TV antenna with single LNB digital audio and TV reception in port or in motion 	4.855	5.777	✓	✓	✓	✓	
<input type="checkbox"/> Surcharge for KVH satellite system with double LNB for 2x TV connection	750	893	✓	✓	✓	✓	
<input type="checkbox"/> Sat-TV antenna KVH TV5 d45cm Auto-Skew & GPS on f. spreader installed <ul style="list-style-type: none"> automatic satellite-tracking TV antenna with quad LNB digital audio and TV reception while moving 	8.640	10.282				✓	✓
<input type="checkbox"/> TV antenna Glomex (DVB-T + DAB) with amplifier on the mastop installed	738	878	✓	✓			

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Lighting							
<input type="checkbox"/> searchlight LED 220s with 350.000 Ca/2.250 Lumen/50W installed • black housing made of plastic (ASA), UV & salt water resistant • Dust and waterproof LED module (IP 68) • Remote control and joystick incl. speed control • 360° horizontal (continuously rotatable);135° vertical	1.750	2.083				✓	✓
<input type="checkbox"/> Underwater lights 4 x LED X16, 8 colours with 5,800 lumens each installed • Lens from Tritonium™ is insensitive to scratches and growth • 5.800 lumen/4.500 Fixture Lumen, 60°, life time more than 40.000h • including stainless steel frame & DMX controller kit	5.600	6.664				✓	
<input type="checkbox"/> Bimini LED lighting with 4x Cabin Powerline & wireless Dimmer installed	1.263	1.503			✓	✓	
<input type="checkbox"/> Bathing platform LED lighting with 2 Cabin Lights LED installed	630	750	✓	✓	✓	✓	
Comfort & Various							
<input type="checkbox"/> Gas remote switch TRUMA in the Pantry installed	720	857	✓	✓	✓	✓	
<input type="checkbox"/> Gas remote switch & gas alarm (2 sensors) in the Pantry installed	1.350	1.607	✓	✓	✓	✓	
<input type="checkbox"/> Radio anchor winch remote control with chain counter installed	739	879	✓	✓	✓	✓	✓
<input type="checkbox"/> Anchor winch remote with chain counter installed at the helm	965	1.148	✓	✓	✓	✓	
<input type="checkbox"/> Wireless Remote for bow & stern thruster (4-channel) installed	765	910	✓	✓	✓	✓	
<input type="checkbox"/> Ventilation fans - 6x Caframo 2-stage inside installed for air circulation	1.294	1.540		✓	✓	✓	✓
<input type="checkbox"/> Deck washing pump (5 bar) with sea or fresh water connection installed • Please select: for ()sea or ()fresh water	1.300	1.547	✓				
<input type="checkbox"/> Whistle (fog horn) Class IV with BSH approval installed	1.295	1.541	✓	✓	✓	✓	
<input type="checkbox"/> Whistle (fog horn) Class III from 20m LOA with IMO approval installed	3.210	3.820					✓
<input type="checkbox"/> Diving compressor Bauer Junior 2W for 100l/min w. stainless steel cage • incl. tool box with various keys and 500h maintenance set • Attention! The diving compressor may only be operated outdoors! • it is delivered as a portable version and not permanently installed!	6.400	7.616	✓	✓	✓	✓	✓
<input type="checkbox"/> Watermaker (automatic) Dessalator DUO 100 L/h 230V & 12/24V inst. • New smaller version, quieter HP stainless steel pump • fully automatic incl. Mini Remote Remote control	17.452	20.768		✓	✓	✓	✓
<input type="checkbox"/> Weatherinfobox WIB4S Europe w. active antenna AA15 in masthead inst. • parallel receiver for receiving from the DWD on KW, LW and NAVTEX • automatically selects the optimum frequency DWD • collects weather information 3-5 days without a connected PC • precision air pressure sensor with 0.1 hPa resolution	1.695	2.017	✓	✓	✓	✓	
<input type="checkbox"/> Additional 230V Socket in Pantry, forward cabin or aft cabin installed	255	303	✓	✓	✓	✓	✓
<input type="checkbox"/> Additional 2x USB sockets in glove compartment (Stb / port)	478	569	✓	✓	✓	✓	

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