

# AMPHI-RANGER

## 2800 SR

- at home on land and in water
- fast and comfortable on-road
- optimum off-road capabilities
- impressive amphibian capabilities
- thus multifunctional



# Amphi-Ranger 2800 SR – Technical data

## Engine

Type 6-cylinder V-engine, 2.9 l MC EFI  
 crankshaft 5 main bearings  
 performance 107 kW/145 hp – 5600 rpm  
 displacement 2933 cm<sup>3</sup>  
 max. torque 222 Nm at 3000 rpm  
 compression 9.0:1  
 bore/stroke 93.00 mm/71.99 mm  
 carburetor injection  
 fuel – with catalyst with lambda closed-loop control\*: leadfree Eurosuper 95 octane  
 – without catalyst: premium, leaded, 97 octane or leadfree Eurosuper, 95 octane

## Transmission

dry single-disc clutch  
 all-synchromesh transmission  
 5 forward gears + 5 forward gears off-road  
 1 reverse gear + 1 reverse gear off-road  
 rear wheel drive/front wheel drive switchable  
 floating drive by propeller (electrically switchable and swingable 'Z'-drive)

## Performance

speed max./min. 145/3.5 km/h – 90/2.2 mph  
 in-water speed 15 km/h – 10 mph  
 travelling distance 450 km – 280 miles  
 climbing ability 40 degr./85%

## Chassis

type buoyancy chamber/chassis made of 4 and 3 mm thick aluminium with integrated roll-over bar  
 steering power-assisted rack and pinion steering (left-hand steering standard)  
 wheel suspension independent suspension front and rear, twin control arms  
 suspension front minibloc coil springs, single  
 suspension rear minibloc coil springs, double  
 shock absorbers double-acting telescopic  
 tyres 215/75 R 16 C – 31 x 10.50 R 15 LT\*  
 rims 5.50 JK x 16 H 2 – 7 J x 15 H 2 light alloy\*  
 brakes 4 disk brakes  
 hand brake drum brake acting on rear axle

## Electrical system

alternator 12 V/90 A = 1260 W  
 battery 12 V/88 Ah

## Chassis details

bodywork with softtop or hardtop\*  
 seats 2 single seats front, adjustable in height, with three-point seat belts  
 seat bench rear fold-down and removable, with two-point lap belts for 3 persons

doors 2 front/1 or 2\* rear at the side  
 windows all-round glassing tinted green, with closed bodywork sections (not softtop), doors with sliding windows  
 sunroof-glass in the cab removable (emergency exit)

## Dimensions (approx.)

length/width 4700/1930 mm outside  
 height with/without boat light on driver's cab 2100/1970 mm  
 length/width 2800/1630 mm inside  
 wheelbase 2500 mm  
 track width 1520 mm  
 ground clearance 250 mm  
 turning circle 12000 mm  
 loading area 2.72 m<sup>2</sup>  
 immersion depth 690/775 mm  
 freeboard height 570 mm

## Filling capacities

fuel tank capacity 80.00 l/160 l\*  
 (15 l/30 l\* of that reserve)  
 oil capacity 4.25 l  
 coolant capacity 12.00 l

## Weights

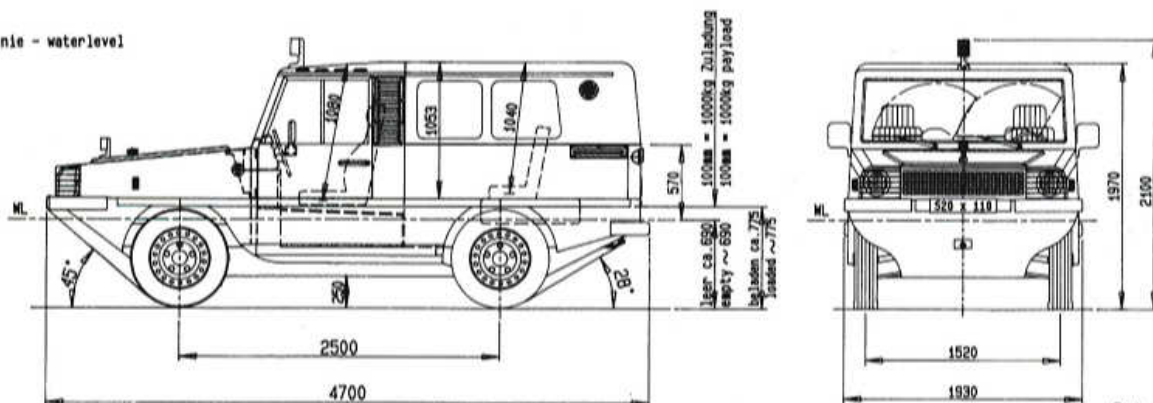
dead weight/payload 1940/860 kg  
 permissible total weight 2800 kg  
 trailer load (braked) 2800 kg  
 perm. front axle load 1350 kg  
 perm. rear axle load 1800 kg

## Standard equipment (further ones on demand)\*

- 1 bilge pump rear 100 l/min., electric, automatically acting by float switch, 2. bilge pump\*
- gas detector and blower for bilge ventilation
- impact switch for automatic interruption of fuel feed
- 2 outside mirrors/1 inside mirror (day and night dipping mirror)
- tell-tale lamps for all important functions
- operating hours counter, rev-meter
- standing lights and boat lights
- cigarette lighter/ash tray
- heating/fresh air system
- towing hooks, front and rear
- spare wheel
- standard tool kit (incl. jack)
- first aid kit, warning triangle, 1 paddle
- paintwork: laminated paintwork, colour according to your choice
- special paintwork on demand\*

Items marked \* are options against surcharge. Options and accessories on demand. SR stands for seawater resistant. Technical modifications reserved. If you are interested, please ask for supplementary information.

ML = Wasserlinie - waterlevel



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