

SRF-K, heavy rescue vehicle with crane



Voluntary Fire Department Traun, Upper Austria



Base specification:

- Chassis:
 - › Type: MAN TGS 28.440 6x4-4 BL
 - › Engine output: 324 kW (440 hp) at 2100 rpm, EURO 5
 - › Transmission: ZF 12 AS 2330 OD MAN TipMatic
 - › Drive: driven rear axle, permanent driven front-axle, steered trailing axle
- Cab:
 - › Crew: 1 + 2
 - › Driver's cab: Original driver's cab
- Vehicle body:
 - › Rosenbauer aluminum form pipe frame body with cavity coating and aluminum sheeting
 - › Roof cover made from aluminum sheet painted white.
 - › Profile rails for individually adjustable equipment loading
- Roof:
 - › Accessible roof, folding hinged ladder mounted on side of left front
- Equipment compartment:
 - › Rosenbauer roller shutters with barlocks seal the equipment compartments dust-tight.
 - › Full height lockers and COMFORT rotating compartments for optimized removal and secure storage of equipment such as brackets for a hydraulic rescue device, for example
- Floodlight tower:
 - › Pneumatically extendable LED floodlight tower 8 x 42 W
- Scene lighting:
 - › 4 LED floodlights left and right
 - › 2 LED floodlights front
 - › 2 LED floodlights for crane
 - › 2 LED floodlights on rear
- Equipment:
 - › Standard equipment: SRF - standard equipment in accordance with Austrian Federal Fire Brigade Association (ÖBFV) guidelines

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- Control system:
 - › Rosenbauer central electrical system with switch console for: flashing lights in GFK - roof superstructure, Martin air horn with 4 horns, front flashlights, scene lighting, road hazard traffic control device, etc.
- Power generator:
 - › Generator type: Power generator with control and instrument panel in equipment compartment 3, equipped with operating and monitoring - instruments
 - › Generator power: 40 kVA
 - › Arrangement / drive type: Frame / PTO
- Rescue crane:
 - › Type: PALFINGER PK-40002 EH with 8 hydraulic extensions, max. reach 21 m
 - › Crane cable winch lifting force 2.5 t
 - › Radio remote control, working cage, crane floodlights LED
 - › 4 hydraulically extendable supports, jacking width max. 7.4 m
 - › Load torque: 385.5 kNm
 - › Drive type: PTO with hydraulic oil pump for crane system and cable winch
- Cable winch:
 - › Frame-mounted hydraulic cable winch, model ROTZLER Treibmatic TR080 2-speed, with constant tractive force of 80 kN (8.0 t) over the entire cable length, 16 mm steel cable with usable cable length of 80 m, remote control in driver's cab
- Additional equipment:
 - › Air compressor for operation of plasma cutter, 370 l/min output, max. 10 bar
 - › Underbody lights under equipment compartments 1, 2 and rear
 - › Self-winding cord reel with 30 m cable and Gifas distributor
 - › Self-winding air hose reel with 30 m hose, NW 13 and connecting coupling
 - › Self-winding air hose reel with 12 m hose, NW 8
 - › Charger for all on-board rechargeable batteries (vehicle, handheld spotlight, handheld radio, etc.)
 - › LED road hazard traffic control device in rear
 - › Reversing camera with color monitor in driver's cabin
 - › Flashing lights in the folding steps
 - › NATO sockets 12 V and 24 V

Dimensions and weight:

L x W x H	approx. 8,700 x 2,500 x 3,900 mm
Permissible total weight	26,000 kg



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