



System solutions for industry

HP -Pneumatics

Water- and Special- Fluid Hydraulic

Equipment for Road Safety Training Centres

Accessories for Tundish Systems

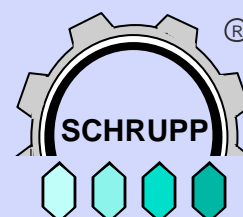
Fire Fighting Systems for Transformers

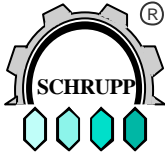
Live Line Washing Systems for Insulators

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Technique for driving safety centres

Driving safety centres simulate with actual technology the critical situations of the traffic and help the driver to exercise under controlled but realistic conditions.

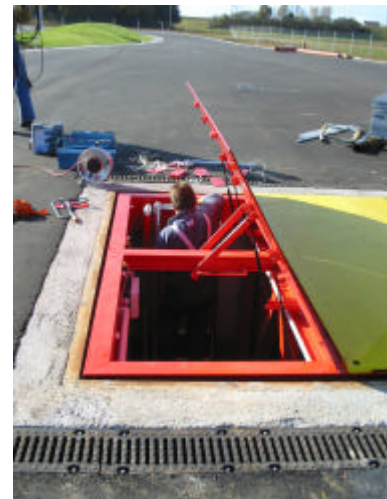
We supply single components ready for installation as well as complete systems

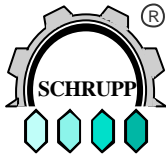
The robust design of the components and the long life span helps to keep the maintenance and operating costs on a low level.

Advantages:

- Constant skidding effect by electronic measuring of vehicle speed and wheelbase
- Simple operation of the control desk: selection of standard or individual exercising programs and levels
- Service and failure indication as well as actual status of the system are monitored at the operator desk
- Easy maintenance: Check ups, tests and controls can be done during operation
 - no removal of the sliding system is required
- heating - (winter), ventilation - and draining system included

Sliding system:





The double roded cylinder is located centrally in the construction, the cylinder rod is connected to the skidding plate. Flexible fixing points eliminate tolerances during the operation. The Hydraulic power unit, the central lubrication system and also the accumulator bank are located at the bottom of the frame. The proportional directional control valve is located close to the cylinder to prevent the system from pulsations. The electronic equipment and the proportional amplifier are assembled in a heatable cabinet under the sliding system. The cabinet is part of the steel construction of the skidding plate. The Plate is guided by two chromeplated rods and brass protected gliding bearings. For inspection you can check the electronic, the liquids and the mechanical components without removal the skidding plate.

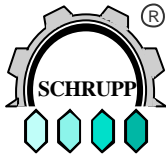


Water obstacles:



The water obstacles shall represent a real obstacle for the trainee at the driving safety training - high enough and almost non-transparent.

The water obstacles can be modular operated. Position and length of the obstacle can be coordinated with the respective training situation. In addition, it is possible to simulate a sudden situation for the driver. The modular system reduce the installation time and help to reduce the maintenance time by replacing complete modules.



Dates:

module length:	1 meter
Spraying height:	3,0 meter
Power consumption:	1,2 KW max.



Advantages

- Compact design for easy installation without additional piping or wiring.
- Simple and robust design
- Easy maintaining by fast replacement of a module
- Dirt resistance by hanging submersible pump
- Low operating costs
- Low temperature resistant without additional heating equipment

Road irrigation systems:



At the development of our irrigation systems we establish special value:

- Flexible range of application and options
- Complete water coverage at the training area
- Low or no impairment the visual range of the training participants
- No windshield wiper use by the irrigation system required
- Robust, frost resistant and under normal driving conditions not destructible equipment
- High economy at own water supply