

# RPC Pipes

**Rosenbauer Preventive Components & Service**  
**Pipes for water extinguishing systems.**

Highest quality for extinguishing systems.



# Modern pipe prefabrication.

**Faster. More flexible. More customizable.**



*Robot welding system outlet*

At its Mogendorf plant in Germany, Rosenbauer operates its own state-of-the-art pipe prefabrication facility, which combines robotics with cutting and welding technology. It is extremely flexible, efficient, and environmentally friendly. Rosenbauer's customers benefit from this in particular: ordered systems can be manufactured more quickly and customers can be served with even greater flexibility.

## Finishing touch

After processing in the plant, the pipes are powder-coated by hand according to color requirements and packaged according to the assembly sequence. As a result, assembly times and the space required on the construction site can be reduced.



*Rosenbauer is certified for its applied welding process in accordance with VdS 2552.*



*Powder coated by hand*



### The advantages

- Uniformly high quality through machine production
- Fast delivery
- Shortened assembly times
- Less space required at the construction site
- Environmentally friendly use of resources
- High degree of flexibility
- Everything from a single source



*Welding torch*

### Huge flexibility

The flexibility of the system allows individual customer requirements to be fulfilled quickly. Almost all necessary adaptations (e.g. to the respective pipe diameter) are carried out fast and fully automatically by machine.

The raw material is first blasted with a bright metallic finish and then circumferentially welded using the MAG (metall active gas) welding process. Subsequently, the pipes are cut to the required length. This means that there is almost no waste or scrap, which is very resource and environmentally friendly. In order to connect the pipes with couplings, the grooves are rolled at their ends. A plasma cutter cuts holes into the pipes. The sleeves for the sprinkler heads are then welded onto these using a VdS-approved sleeve welding process.



*Pipes with welded on sleeves for sprinkler heads*



*Manual post-processing*



**Highest quality  
and quick supply.**

*Robots for welding and laser cutting*

#### Technical data for automatically produced pipes

<b>Material</b>	Unalloyed and low alloyed steel
<b>Pipe diameter</b>	DN 25 – DN 250
<b>Pipe lengths</b>	2,000 – 7,500 mm (6.5 – 24.6 ft)
<b>Coating</b>	Powder coating in all RAL colors possible (standard: RAL3000 / RAL9010)
Outlets	
<b>Sleeve diameters</b>	1/2", 3/4", 1"
<b>Sleeve length</b>	1/2", 3/4", 1" in short design (mounting dimension 16 mm) and standard design (mounting dimension approx. 30 mm)
<b>Connecting piece diameters</b>	1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"
<b>Connecting piece length</b>	Mounting dimension of 73 mm
<b>End cover</b>	1" – 2"

#### Technical data for the handmade pipes

<b>Material</b>	Unalloyed and low alloyed steel
<b>Pipe diameter</b>	DN 25 – DN 400
<b>Pipe lengths</b>	Up to 13,000 mm (42.6 ft)
<b>Coating</b>	Powder coating in all RAL colors possible (standard: RAL3000 / RAL9010)
<b>Distributor</b>	Up to DN 400
Outlets	
<b>Sleeve diameters</b>	3/8" – 4"
<b>Sleeve length</b>	16 mm – 80 mm
<b>Connecting piece diameters</b>	DN 25 – DN 400
<b>Connecting piece length</b>	According to customer needs
<b>Flange and coupling connections</b>	According to customer needs

#### Other manual production

Water supply for fire fighters, fixing consoles, turret consoles, pump pressure and suction nozzles



# Fire protection has a name:

**Rosenbauer - more safety for your company.**

## **Your safety is what drives us**

Whether fire extinguishing systems that conform to regulations or unconventional fire protection solutions: Rosenbauer's specialists do everything they can to ensure optimum fire protection. The product range covers all major extinguishing technologies. These consist both of innovative in-house developments as well as licensed products. Due to the wide ranging product portfolio the optimal extinguishing concept can be developed based on the customer requirements.



Fire protection is safety. Safety for companies, people, and expensive machinery. Rosenbauer provides safety, so you can focus on what matters most: your company, your staff, your production. Protected systems provide reliability. This ensures that employees and customers can depend on you in the future. Rosenbauer is THE partner for fire protection. The customers' trust in Rosenbauer systems is a daily motivation to make the world a safer place.

## **One name, one promise: Rosenbauer**

For over 150 years, Rosenbauer has been a pioneer and a partner for emergency personnel. We are the only company who specializes in providing practical solutions for all decisive moments in fire and disaster protection.

From preventive fire protection to vehicles for every scenario, from digital applications to personal and technical equipment: Rosenbauer continues to set new standards with technically leading innovations. Through in-depth conversations with our customers, we find exactly the right solution. Worldwide. We leave no stone unturned to ensure that you are optimally equipped when it matters.

