

## Requirements overview: Products and services

<b>Steel / stainless steel</b>	flat products (sheets, plates), rolled section pipes
<b>Molding</b>	grey cast iron, cast aluminum
<b>Drive technology</b>	electric motors, geared motors, actuators, bearings, V-belt drive
<b>Pneumatics</b>	pneumatic cylinder, piston-, diaphragm valves
<b>Electrical engineering</b>	controls – switch gears, HV-transformers
<b>Electronics assembly</b>	components and assemblies
<b>Measuring / control technology</b>	gas and liquid media
<b>Filtration medium technology</b>	filter bags made of needle felts, glass fiber, filter cartridges, filter cages, SCR catalytic elements
<b>Explosion protection</b>	burst pressure / rupture discs and foils, spark extinguishing system
<b>Pumps for sewage</b>	
<b>Axial fans</b>	
<b>Compressors</b>	
<b>Rotary blower</b>	
<b>Fittings</b>	flaps, valves, slide gates
<b>Flexible hoses</b>	spiral hoses, extraction hoses
<b>Fixing material</b>	screw, connecting elements, fastening technology
<b>Machinery</b>	for metal processing
<b>Surface protection</b>	paints, lacquers and thinners

<b>External manufacturing</b>	duct parts and channels, steel construction, vessels, welded construction, turned and milled parts, support structure, walkways, railings, panel manufacturing (laser cutting, edge, welding)
<b>Services</b>	Insulation (heat, cold, acoustic), scaffolding, painting, hot-dip galvanizing, powder coating, cataphoresis coating, engineering, transport and logistics, assembly works, insurance services, staff leasing, wiring and assembly services

### **Requirement profile for external manufacturers**

#### Sheet metal working equipment:

Laser cutting 4000 x 2000 mm, or

CNC-plasma cutting 4000 x 2000 mm

CNC-beveling up to 4000 mm

Rolling of sheet metal - width 3000 mm or larger, nominal width 160 to 5000, predominantly 2 - 6 mm thick (in some cases up to 20 mm)

Cutting and processing of rolled profiles for steel structures

#### Materials:

Steel St 1.0038 (weld DIN 18800 – 7), 1.0425, 1.5415

Stainless steel 1.4301, 1.4571, 1.4404, 1.4307

#### Surface treatment:

Sandblasting SA 2.5 in a continuous system or by hand

Primer and top coat, 1- and 2-component paints according to customer specifications

Hot-dip galvanizing

Spray and immersion pickling and passivation of stainless steel