



**Our most important capacity**



Technics	Operation	Size
<b>Cutting</b>	Sheet cutting with hydraulic plate shears	Up to 12 mm thickness, maximum 3000 mm length.
	Gas cutting	Without limitation
	CNC plasma cutting	70 mm thickness, 6000 mm length, 2000 mm width, with flame cutting up to height 200 mm
	Saw cutting	up to Ø 400 mm
<b>Pressing</b>	Deep-drawing, pressing	On 1800x2200 table size and up to 6300 KN press force.
<b>Forming of plate</b>	Flange forming from steel profiles	-by pressing with tools (cutting-punching) -by rolling
	Sheet rolling	max. 25 mm sheet thickness, 3000 mm length. Least diameter 650 mm at 25 mm sheet thickness.
	Edge bending	Up to 6 mm sheet thickness maximum 6000 mm length.
	Spinning/rolling	Any required profile, up to maximum 6-8 mm sheet thickness and 3000 mm diameter.
<b>Welding</b>	Welding of mild steel and high strength steels, acid- and corrosion-proof steels, duplex steels, aluminium	Qualification: DVS Zert EN 1090-1:2009+A1:2011 EN ISO 3834, AD 2000 Qualified welding experts (TÜV Rheinland), welding processes
	Welding tests	VT, PT, MT, RT
<b>Machining</b>	Machining with centre lathes	Max. Ø830 mm, 6000 mm length.
	CNC lathe	Max. Ø550 mm, 1000 mm length
	CNC milling machine.	720 x 350 x 150 mm
	CNC vertical boring and turning	Up to Ø3300 mm, 15 tons weight, 2000 mm height. Turning, milling, grinding, positional drilling with 0,01 mm accuracy (IT6))
	Turning with NC lathes	Max. Ø500 mm, 1500 mm length
	Horizontal boring mill	1250x1250x2500 mm, max. 3000 kg
	Surface grinder	500 x 320 x 300 mm
	External cylindrical grinding machine	Max. Ø300 mm, 2000 mm length
	Boring on radial drilling machines	Ø80mm, max. overhang: 3000 mm
	Chasing	Max. Ø2200 mm
<b>Chipping</b>	Dynamic balancing	max. Ø2100 mm, 2000 kg weight
<b>Stress relieving</b>	Heat treatment, hardening in furnace	size of furnace: 1300 x 1300 x 700 mm
<b>Mechanical descaling</b>	Descaling by steel grit blasting	max. 2000 mm width, 250 mm height
<b>Surface protection</b>	Blasting	sandblasting and glass pearl blasting
	Painting	solvent based painting
<b>Cranes</b>	Bridge cranes	12,5 t / 7,5 t / 5,0 t (in assembly hall)
	Jib cranes	max. 3,2 t
	Mobile crane	16,0 t
	Gantry crane	7,5 t (sidetrack, outdoor storage)
	Forklift trucks	max. 7 t
<b>Textile confection</b>	Confection of bags and hoses	with 1-2 and 3 row stitching, circle and longitudinal seam with maximum 12 mm lap

