



Process	Quantity	Producer	Specifications
Sawing	1	Kasto	Hacksaw-automat fully automatic
	1	Elu	Circular Saw
	1	Mecal	Circular Saw aluminium with automatic gauge
Cutting	1	Safan	Guillotine shearing machine
			Cutting Range 3.000 mm x 6 mm steel (3,5 mm non-ferrous materials)
Pressing	1	Gosmeta	Excenterpress 1.000kN
Punching & Laser Cutting	1	Amada	Servo mechanical punch/lasercutting machine with automatic stacking and de-stacking unit, tapping automat and forming tools
			Punching capacity 300kN
			Laser capacity 4.000 W CO2 laser
			Working range 3.000 mm x 1.500 mm
	1	Trumpf	Trumatic 7000 (K08)
			Electrohydraulic punch/lasercutting machine with automatic stacking and de-stacking unit
			With SheetMaster; tapping automat and forming tools
			With automated Trustore Storage of 40 pallet positions
			Punching capacity 220kN
			Laser capacity 4.000 W CO2 laser
Drilling & Tapping			Working range 3.000 mm x 1.500 mm
Bending	1	LVD	Several drilling & tapping machines (Inox, Audax, TNW, Singen)
			Hydraulic bending press with laser angle measurement and adjustment
			Press capacity 1.100 kN
			Working range 3.100 mm
	1	Safan	Hydraulic bending press
			Press capacity 1.100 kN
			Working range 3.100 mm
	1	LVD	Hydraulic bending press with laser angle measurement and automatic tool setup
			Press capacity 2.200 kN
			Working range 4.000 mm
Inserting	1	Haeger	Hydraulic inserting machine with press capacity of 100 kN
	1	Haeger	Hydraulic inserting machine with press capacity of 72 kN with automatic feed and PC-controlled
Riveting	1	Baltec	Riveting machine
Spotwelding	1	AWL	Spotwelding machine 160 kVA medium frequency
	1	Eurolas	Spotwelding machine 125 kVA
Welding	20	Lorch Fronius	Welding machines: 10x MIG/MAG, 10x TIG und 2x Autogene
	7	Siegmund	Welding tables
	1		Brazing device
	1	UR	Cobot MIG/MAG with Fronius welding source
	1	UR	Cobot TIG with Fronius welding source
Bolt Welding	1	Soyer	Bolt welding machine manual
Grinding & Deburring	1	HBM	Glass bead blasting machine with capacity of 990 liter and max. product dimension of 1.170x880x825 mm
	1	Timesavers	Brush machine with working range of 1.500 mm
	1	Rösler	Barrel-deburring machine
Leveling	1	Arku	Leveling machine with working range of 600 mm
Measuring	1	Inspevision	2D-Scanner with working range of 1.500x1.000 mm
			Measuring accuracy 35µm, measuring speed: <0,25sec.
		Several	General measuring tools such as digital hight gauges
Assembling	1		ESD secured assembling room
	1		Assemble area of 3.000 m2 with universal assembling equipment
	1		WEETECH W444 universal testing equipment for electronic and military products