



# Technology

JC-Metal technological and engineering equipment



## LATHE TURNING TECHNOLOGY

### Centre lathe SV18R - 1500

Maximum turning diameter: 350 mm

Maximum turning length: 1200 mm

### CNC lathe CUTEX-160

Maximum turning diameter: 300 mm

Maximum turning length: 300 mm

## MILLING TECHNOLOGY

### CNC YCM NXV 1020 A

Table clamping area (A×B): 1120 × 520 mm

Longitudinal travel (X): 1120 mm

Transverse travel (Y): 520 mm

Vertical travel (Z): 400 mm

Table load: 500 kg

## MILLING TECHNOLOGY

### CNC MCV 1016 QUICK

Table clamping area (A×B): 1300 × 600 mm

Longitudinal travel (X): 1016 mm

Transverse travel (Y): 610 mm

Vertical travel (Z): 710 mm

Table load: 700 kg

### CNC vertical milling machine VMC 40/8

Table clamping area (A×B): 900 × 400 mm

Longitudinal travel (X): 800 mm

Transverse travel (Y):: 400 mm

Vertical travel (Z): 400 mm

### Toolroom milling machine FNK 32 R

Table clamping area (A×B): 1300 × 300 mm

Longitudinal travel (X): 840 mm

Transverse travel (Y): 376 mm

Vertical travel (Z): 460 mm

Table load: 200 kg

## GRINDING TECHNOLOGY

### Surface grinding machines BPH 20NA

Table clamping area: 160 × 500 mm

### Universal grinder BU 28 / 1000

Distance between the tips: 630 mm

Swing or journal diameter: 295 mm

## RIVETING TECHNOLOGY

### Radial riveting machines RN 231

Riveting stroke: 5–40 mm

Riveting force: 3,8–12 kN

Rivet max. diameter: 8,5 mm solid diameter

Rivet max. diameter: 14 mm hollow diameter

Number of machines: 2

## PRECISE CUTTING TECHNOLOGY

### Wire-cut EDM FANUC Alpha-1iC

Travel in the axes X,Y,Z: 520 × 370 × 310 mm

Workpiece dimensions: 770 × 590 × 300 mm

Max. weight of the workpiece: 800 kg

## PRESSING TECHNOLOGY

### Pneumatic press CDC-2

Forming force: 2 t

Piston stroke: 160 mm

### Hydraulic press LD30 / 2

Forming force: 30 t

Piston stroke: 200–250 mm

## **MATERIAL CUTTING TECHNOLOGY**

### **Band saw BOMAR**

Max. diameter of the cut material: 200 mm

Max. width of the cut material: 300 mm

## **WELDING TECHNOLOGY**

### **Welding power supply CO2**

Welding current range: 40–190 A

Material: Steel, Stainless steel + AL, Cored wire

### **Welding synergic inverter, ALFAIN AXE 400 IN**

Technology: MIG/MAG, MMA and grooving

Welding current range: MIG/MAG 40–400A, MMA10–400A