



# SIMATEC<sup>...</sup>

## SERVICES

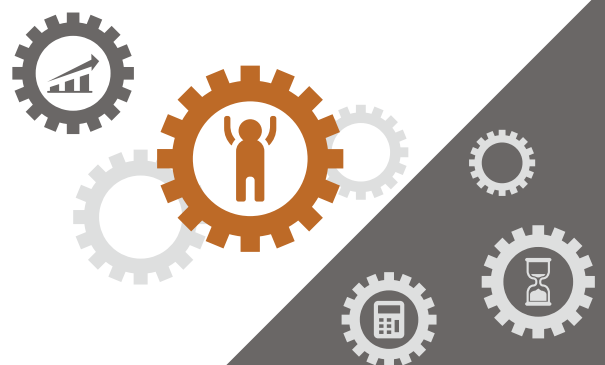
BY SIJ RAVNE SYSTEMS

At SIJ Ravne Systems we pride ourselves on providing superbly engineered solutions that meet all your production requirements. Our state-of-the-art facilities and highly skilled team enable us to perform a wide range of services, including milling, turning, drilling, deep drilling, grinding, honing and many other specialized machining operations.

### OPTIMIZE YOUR PRODUCTION PROCESSES WITH SIMATEC SERVICES

Extensive range of machining treatment options, to find the optimal product completion stage for your production process.

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### TURNING CAPABILITIES

#### CNC vertical turning

- max. workpiece weight 32 t
- up to 3.800 mm diameter
- up to 2.500mm height

#### CNC and conventional turning between centers

- max. workpiece weight 14 t
- up to 950 mm diameter
- up to 5.400 mm length
- max. workpiece weight 10 t
- up to 720 mm diameter
- up to 11.000 mm length

### MILLING AND DRILLING CAPABILITIES

CNC machining and drilling: maximum length 8000mm, maximum width 2200mm, maximum height 4000mm and weight 35t

#### CNC milling centers

- max. workpiece weight 35 t
- up to 8.000 mm length
- up to 2.200 mm width
- up to 4.000 mm height

#### DRILLING

- max. workpiece weight 10 t
- up to 2.700 mm diameter
- up to 2.000 mm length
- up to 1.200 mm height

### GRINDING CAPABILITIES

#### EXTERNAL GRINDING

- max. workpiece weight 10 t
- up to 800 mm diameter
- up to 6.500 mm length

### WELDING

Demanding welded pieces of different shapes up to 35t.

### HONING

- max. workpiece weight 5 t
- from 50 to 290 mm diameter
- up to 2.500 mm length

### 3D COORDINATE-MEASURING MACHINE

Analysing the data and providing relevant documented recommendations and solutions. Specific measurements with advanced technologies:

- max. workpiece weight 15.000 kg
- up to 3.500 mm length
- up to 3.000 mm width
- up to 1.500 mm height
- 5 micron accuracy

### PAINTING

Our state-of-the-art painting chamber is equipped with the latest technology and features to deliver outstanding results:

- painting chamber and painting process according to ISO 14001
- dimensional range: 11.460 mm x 7.000 mm x 4.000 mm, Tmax = 80 °C

### ASSEMBLING

Beyond individual machining processes, we offer comprehensive assembly services to deliver finished products ready for use. Our stringent quality control measures ensure that every component meets or exceeds industry standards, guaranteeing the highest level of reliability and performance:

- max. 38.400 mm x 19.000 mm

