

***SEGER PRESSING&PLASTIC INJECTION&
POWDER PAINTING
PROCESSES***



SEGER

PRESSING WORKSHOP





- MACHINES

- **2 x 45 Tonnes Eccentric Presses**
- Brand: Seyi (Taiwan)
- Type: SN1-45P
- Model Year: 2014
- Stroke Length: 45 mm.
- Die Height: 240 mm.
- Slide Area: 430x350 (mmxmm)
- Bolster Area: 840x440 (mmxmm)
- SPM: 80 - 160

- **1 x 60 Tonnes Eccentric Press**
- Brand: Seyi (Taiwan)
- Type: SN1-60P
- Model Year: 2014
- Stroke Length: 50 mm.
- Die Height: 270 mm.
- Slide Area: 480x400 (mmxmm)
- Bolster Area: 900x520 (mmxmm)
- SPM: 70 - 150



- **MACHINES**
 - **1 x 110 Tonnes Eccentric Press**
 - **Brand:** Seyi (Taiwan)
 - **Type:** SN1-110H
 - **Model Year:** 2012
 - **Stroke Length:** 110 mm.
 - **Die Height:** 320 mm.
 - **Slide Area:** 650x520 (mmxmm)
 - **Bolster Area:** 1150x680 (mmxmm)
 - **SPM:** 45 - 90
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- **1 x 250 Tonnes Transfer Press**
 - **(incl. 2 axis Servo Transfer System)**
 - **Brand:** Seyi (Taiwan)
 - **Type:** SN2-250P-S1
 - **Model Year:** 2016
 - **Stroke Length:** 250 mm.
 - **Die Height:** 550 mm.
 - **Slide Area:** 2200x820 (mmxmm)
 - **Bolster Area:** 2500x920 (mmxmm)
 - **SPM:** 22 - 40



- MACHINES
- **1 x 40 Tonnes Hydraulic Press**
- Brand: Elmalı (Türkiye)
- Type: ECHP-40
- Model Year: 2010
- Stroke Length: 400 mm.
- Bolster Area: 650x450 (mmxmm)
- **1 x 60 Tonnes Hydraulic Press**
- Brand: Repkon (Türkiye)
- Type: RHHP60
- Model Year: 2014
- Stroke Length: 200 mm.
- Die Height: 450 mm.
- Slide Area: 883x500 (mmxmm)
- Bolster Area: 800x600 (mmxmm)



SEGER

PLASTIC INJECTION WORKSHOP



- MACHINES

- **1 x 130 Tonnes Horizontal Hydraulic Press**

- Brand: Woojin (Korea)
- Type: TH130S
- Model Year: 2019
- Tonnage: 130 Tonnes
- Distance Between Columns: 460x460 (mmxmm)

- **1 x 220 Tonnes Horizontal Hydraulic Press**

- Brand: Woojin (Korea)
- Type: TH220S
- Model Year: 2019
- Tonnage: 220 Tonnes
- Distance Between Columns: 560x560 (mmxmm)

- **1 x 250 Tonnes Horizontal Hydraulic Press**

- Brand: ASIAN (Taiwan)
- Type: SM250V
- Model Year: 2016
- Tonnage: 250 Tonnes
- Distance Between Columns: 610x610 (mmxmm)





- **MACHINES**

- **1 x 280 Tonnes Horizontal Hydraulic Press**
- **Brand**: Woojin (Korea)
- **Type**: TH280S
- **Model Year**: 2019
- **Tonnage**: 280 Tonnes
- **Distance Between Coloumns**: 610x610 (mmxmm)
- **1 x 350 Tonnes Horizontal Hydraulic Press**
- **Brand**: ASIAN (Taiwan)
- **Type**: SM350V
- **Model Year**: 2014
- **Tonnage**: 350 Tonnes
- **Distance Between Coloumns**: 720x720 (mmxmm)
- **1 x 450 Tonnes Horizontal Hydraulic Press**
- **Brand**: ASIAN (Taiwan)
- **Type**: SM450
- **Model Year**: 2010
- **Tonnage**: 450 Tonnes
- **Distance Between Coloumns**: 820x820 (mmxmm)



- **MACHINES**
- **2 x 55 Tonnes Vertical Hydraulic Press**
- **Brand**: Multiplas (Taiwan)
- **Model Year**: 2014
- **Tonnage**: 55 Tonnes
- **Distance Between Columns**: 445x225 (mmxmm)
- **1 x 20kHz Ultrasonic Welding Machine**
- **Brand**: Branson
- **Type**: 2000IW
- **Model Year**: 2010



SEGER

POWDER PAINTING WORKSHOP



ELECTRO STATIC POWDER PAINTING LINE

- **1 x KK6 Automatic Powder Painting Cabin**
 - Cabin Size: 1500*2400*1750 (mmxmmxmm)
 - Filtration: 6x Filter with automatic cleaning system
 - Paint Guns: Tribo system (Omega)
- **1 x Drying Unit**
- **1 x Oven**
- **1 x Conveyor System** (Speed : 1,2 m/dk)

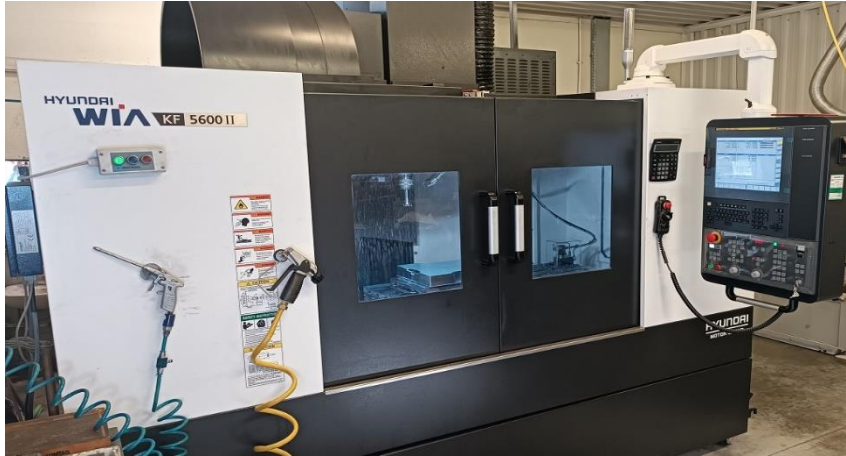




SEGER

MOULD PRODUCTION WORKSHOP





- **MACHINES**
- **1 x CNC Vertical Machining Center**
- **Brand:** Hyundai WIA
- **1 x CNC Horizontal Machining Center**
- **Brand:** Feeler
- **2 x CNC EDM**
- **Brand:** Agie Charmilles
- **Brand:** Neu-ar
- **1 x EDM**
- **Brand:** AJAN
- **3 x MILLING**
- **Brand:** King
- **Brand:** First
- **Brand:** Jetco

MACHINES

- **2 x Lathe**
 - Brand: ZMM-Sliven
 - Brand: Tezsan
- **1 x Grinding Machine**
 - Brand: Sunny





SEGER

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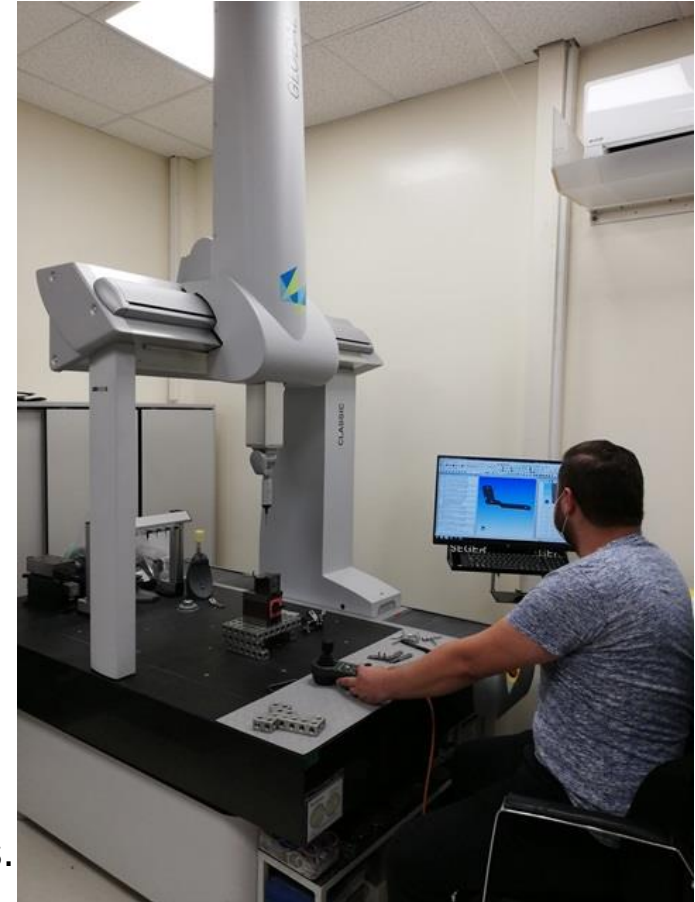
QUALITY AND TESTING LABORATORY



At our quality laboratory we apply;

- CMM Measurements (Machine: Hexagon)
- Incoming Inspections and production Approvals
- Final product controls
- Process controls
- Process capability studies
- MSA studies
- Performance tests of products and parts
- Lay out inspections
- Calibration facilities
- Failure Analyses of internal & external rejects

During these facilities we always use calibrated equipments.



- There is a yearly performance test plan and we apply verification tests to verify whether the parts are still met the customer requirements in serial life.

The following Performance Tests carry out in own Quality Laboratories;

- Acoustical Tests
- Conditioning Tests
- Mechanical Shock Tests
- Vibration Tests
- Life Endurance Tests
- Rain Simulation Tests
- Dust Tests
- Low Pressure Compensation Tests
- Heat-Moisture Tests
- Electrical Tests
- Liquid Tightness Tests
- Engine Cleaning Tests
- Splash Water Tests
- Drop Tests
- Salt Spray Tests
- Multi-stage Temperature Tests
- Chemical Tests
- Corroison Tests
- Plug Connection Tests
- Stone Impact Tests
- Software Qualification Tests

