SEIER ENGINEERING PRIVATE LIMITED

COMPANY PROFILE

# Precision components, turned, milled and welded under one roof.

CNC turning, vertical machining and MIG welding for hydraulic, agricultural, automotive and industrial manufacturers.

- CNC Turning
- VMC & Milling
- Welding & Assembly
- Quality Control

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Formerly M/s SMVP Machining
Est. 2019

COMPANY PROFILE

# Precision components, delivered consistently

**Seier Engineering Pvt. Ltd. (SEPL)** manufactures precision-machined and fabricated metal components for OEMs in the hydraulic, agricultural, automotive and general industrial sectors.

Machining, fabrication and inspection take place in a single facility in Gurugram. Supported by a vetted supplier network, documented processes and a skilled workforce, we take components from raw material to finished, inspected and packed parts under one quality system.

### OUR HERITAGE

SEPL proudly carries forward the legacy of **M/s SMVP Machining**, established in Gurugram in 2019. The experience, standards and customer relationships built under SMVP Machining remain the foundation of our work today.

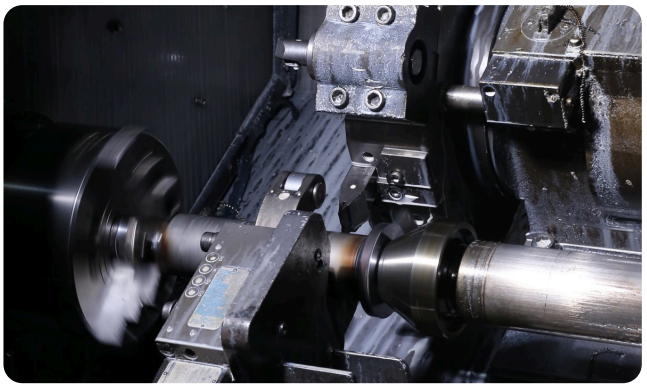
| Since 2019 | 1,600+ | 700,000+ | 25+ Tonnes |
|---|---|---|---|
| Manufacturing in Gurugram | Tonnes of metal processed | Components delivered | Processed every month |

Figures as of September 2026

FACILITY

## All operations in-house

| | |
|---|---|
| CNC turning | **4 CNC turning centres (Ace Micromatic, LMW)** |
| Vertical machining | **1 LMW J6 vertical machining centre** |
| Manual milling | **2 M1TR milling machines** |
| Drilling | **1 drilling machine** |
| Raw material cutting | **3 Cobra CHB 250 S bandsaws** |
| Marking | **Laser marking machine** |
| Welding | **Rotary welding SPM, port welding SPM, 3 Panasonic 400 A MIG power sources** |
| Post-processing | **Washing machine, double-end polisher, deburring, rust-preventive coating** |



MATERIALS

Mild steel · Alloy steel · Stainless steel · Aluminium · Brass · Copper · Engineering plastics

INDUSTRIES SERVED

Hydraulics · Agricultural · Automotive · Aviation · Oil & Gas · General industrial

OUR VALUES

### Precision & Quality

Precision manufacturing with consistent material quality.

### Continuous Improvement

Systematic improvement of processes to raise productivity and quality.

### Customer Centricity

Understanding customer requirements and providing dependable long-term support.

### Punctuality

Adherence to committed production and dispatch schedules.

CAPABILITIES

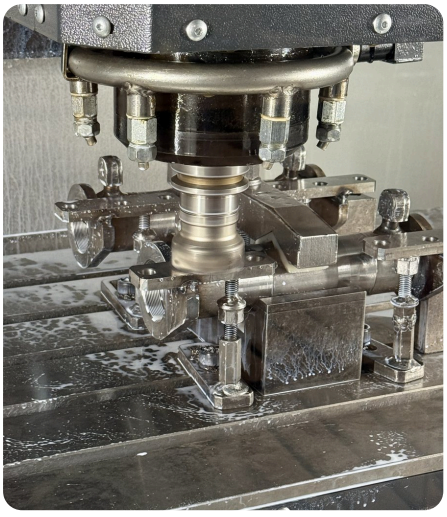
# Machining and fabrication under one roof

01

## CNC Turning

Four CNC turning centres (Ace Micromatic and LMW) handle components from small fittings to long hydraulic tubes and rods, with premium tooling for consistent accuracy and finish across batches.

| | |
|---|---|
| Max. turning diameter | Ø380 mm |
| Max. turning length | 670 mm |
| Swing over bed | Ø550 mm |
| Bar capacity | Ø65 mm |
| Spindle / Turret | A2-6, up to 4,000 rpm / 8-station |
| Long parts | Hydraulic steady rest for tubes & rods |



02

## VMC & Milling

An LMW J6 vertical machining centre, two manual milling machines and a drilling machine complete turned components in-house, with fewer handovers and lower cost.

| | |
|---|---|
| Travel (X / Y / Z) | 1000 × 600 × 600 mm |
| Table size / Max. load | 1200 × 600 mm / 800 kg |
| Spindle / Tool changer | BT40, 8,000 rpm direct drive / 24 tools |
| Operations | Milling, drilling, tapping, slotting, facing, hex & square flats |

03

## Welding & Assembly

A rotary welding SPM and a port welding SPM, supported by three Panasonic 400 A MIG power sources for manual welding, suited to tube-to-end-cap joints and other cylindrical assemblies.

| | |
|---|---|
| Process | MIG (GMAW), pulse welding |
| Automation | Servo-controlled rotary & circular welding |
| Wire sizes | 0.8, 1.0, 1.2 mm |
| Shielding gas | Argon–$CO_2$ mix |

PLANT & MACHINERY

# Machine list and capacities

All machines are installed at our Gurugram facility. Capacities are the manufacturers' published limits; achievable sizes depend on part geometry and work-holding.

## CNC turning centres

| MACHINE | QTY | MAX. TURNING Ø × LENGTH | SWING OVER BED | BAR CAPACITY | SPINDLE · TURRET |
|---|---|---|---|---|---|
| **Ace Micromatic LT-20C Classic** with hydraulic steady rest | 1 | Ø370 × 670 mm | Ø550 mm | Ø51 mm | A2-6, 4,000 rpm · 8-station |
| **LMW LL20T L5** one with hydraulic steady rest | 2 | Ø380 × 500 mm | Ø510 mm | Ø65 mm | A2-6, 3,500 rpm · 8-station |
| **Ace Micromatic Super Jobber LM** | 1 | Ø350 × 400 mm | Ø500 mm | Ø51 mm | A2-6, 3,500 rpm · 8-station |

## Vertical machining & milling

| MACHINE | QTY | TRAVEL X / Y / Z | TABLE · MAX. LOAD | SPINDLE | FEATURES |
|---|---|---|---|---|---|
| **LMW J6 VMC** Fanuc control | 1 | 1000 × 600 × 600 mm | 1200 × 600 mm · 800 kg | BT40, 8,000 rpm direct drive, 11 / 15 kW | 24-tool ATC, rigid tapping, coolant ring around spindle |
| **M1TR milling machine** | 2 | Manual milling: slotting, facing, keyways, hex and square flats | | | |
| **Drilling machine** | 1 | Drilling and tapping | | | |

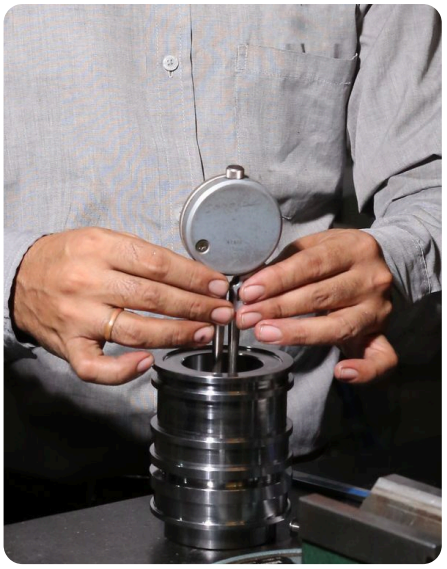
## Cutting, welding & marking

| MACHINE | QTY | CAPACITY |
|---|---|---|
| **Cobra CHB 250 S bandsaw** semi-automatic, hydraulic clamping | 3 | Round Ø250 mm · square 240 × 240 mm · rectangle 320 × 170 mm (at 0°); mitre cutting +60° / −45° |
| **Rotary welding SPM** special-purpose machine | 1 | Servo-controlled rotary welding of circumferential joints on cylindrical parts |
| **Port welding SPM** special-purpose machine | 1 | Dedicated set-up for welding ports and bosses onto tubes |
| **Panasonic 400 A MIG power source** | 3 | Manual MIG welding, 0.8 / 1.0 / 1.2 mm wire, Ar–$CO_2$ shielding |
| **Laser marking machine** | 1 | Part numbers, logos and batch codes for traceability |

QUALITY CONTROL

# Quality at every step

Our quality system covers incoming raw material, in-process inspection and final lot inspection, ensuring every component conforms to drawing.



- **In-process inspection** reports during production
- **Patrol checks** by shift supervisors
- **Third-party lot inspection** by a quality engineer, every lot
- **Metallurgical test certificates** from NABL-accredited labs
- **Instruments calibrated** regularly by NABL-accredited labs
- **Laser marking, deburring, chemical washing** and rust-preventive coating
- **Inspection reports and material test certificates** supplied with every dispatch

## Measuring instruments

65 instruments in the inspection room and on the shop floor, calibrated regularly by NABL-accredited labs.

| INSTRUMENT | QTY | RANGE |
|---|---|---|
| **Vernier calipers** | **11** | 0–150, 0–200, 0–300 and 0–500 mm |
| **Outside micrometers (incl. digital)** | **6** | 0–25, 25–50, 50–75, 75–100 and 0–150 mm |
| **Blade micrometers** | **4** | 25–50, 50–75, 75–100 and 0–125 mm |
| **Width micrometers** | **3** | 0–25 mm |
| **Bore gauges** | **8** | 18–35 and 35–60 mm |
| **Internal (ID) calipers** | **6** | 10–34, 30–54 and 55–135 mm |
| **ID groove vernier calipers** | **2** | 27–150 and 30–150 mm |
| **Height gauges** | **2** | 0–300 mm |
| **Air plug gauge unit** | **1** | Precision bore measurement |
| **Thread ring gauges** | **6** | M54 × 1.5 to M130 × 2 |
| **Thread plug gauges** | **10** | M24 × 2 to M87 × 2 |
| **Surface table** | **1** | 500 mm |
| **Bevel protractor** | **1** | Angular measurement |
| **Weighing scale** | **1** | 200 kg |

PLANT & MACHINERY (CONTINUED)

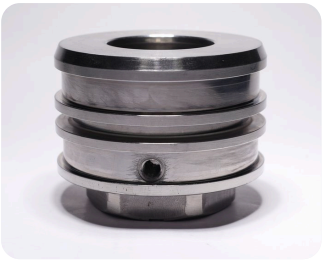
## Finishing & utilities

| EQUIPMENT | QTY | PURPOSE |
|---|---|---|
| **Component washing machine**<br>350 mm | 1 | Removal of oil, coolant and chips before inspection and packing |
| **Double-end polisher** | 1 | Polishing and edge finishing |
| **Air compressor, 30 HP**<br>with air dryer | 1 | Dry compressed air for machines, pneumatic tools and air gauging |

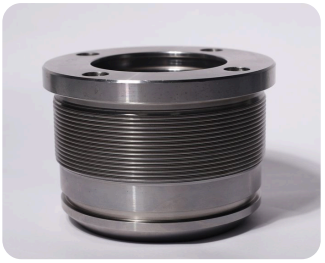
PRODUCTS

## Representative components, made to customer drawings

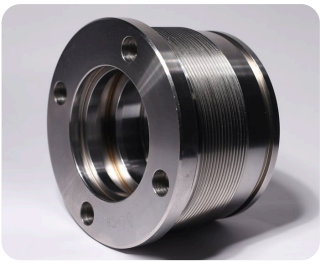
**Welded tube assembly**



**Seal-groove piston**

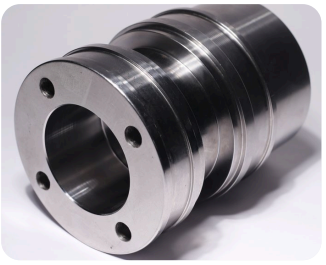


**Threaded gland**



**Flanged end cap**

**Long threaded gland**



**Flanged gland**

**Multi-groove piston**

**Ported sleeve**

## Request a quotation

Share your drawing (PDF / STEP / DWG) with material, quantity and delivery requirements. Our team will respond with pricing and lead time.

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