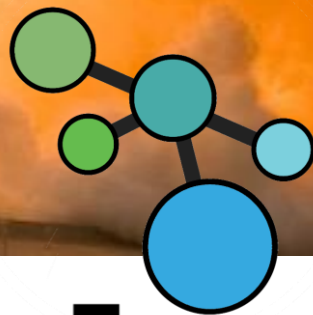


The newest innovation
in the Plastics Industry
enabling never
before seen thicknesses
in injection molding.



Moxietec™

MATERIAL FORMULATION



Capable of engineering advanced polymer masterbatch formulations to fit your product needs.

Expertise in commodity, engineering, elastomer, and sustainable foam grade injection molding masterbatches.

Leistritz Twin Screw Extruder
Output: 100 lb/hour

PLASTICS PROCESSING

ENGEL Victory 160t

Barrel capacity: 622 cm³ (37.96 in³)

ENGEL Victory 340t

Barrel capacity: 1,212 cm³ (73.96 in³)

ENGEL Duo 550t

Barrel capacity: 5,316 cm³ (324.40 in³)

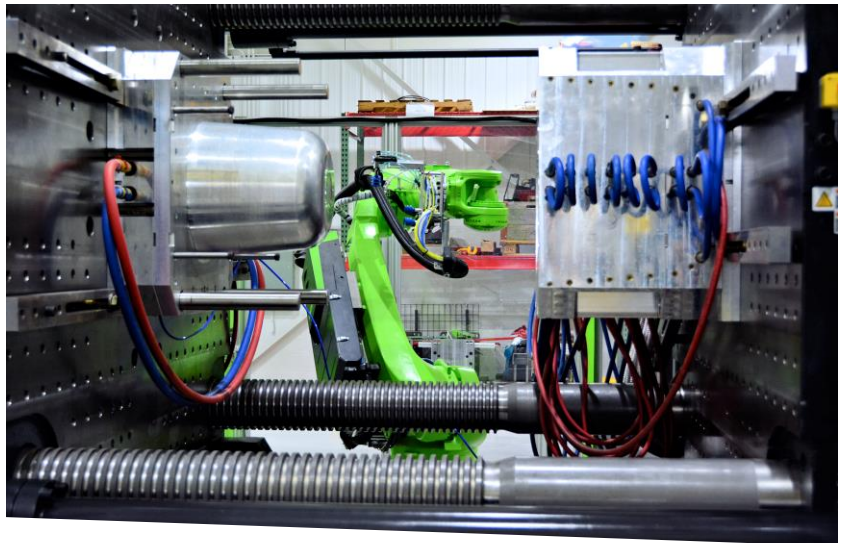
ENGEL 560t Dual Barrel w/ Rotary Platen

Barrel 1 capacity: 3,550 cm³ (216.64 in³)

Barrel 2 capacity: 1,583 cm³ (96.60 in³)

ENGEL Duo 1000t

Barrel capacity: 15,435 cm³ (941.91 in³)



TESTING SERVICES



Mechanical

Instron Universal Testing Machine

- Compression
- 3-Point Bend
- Tensile

Instron Drop Weight Impact Tower

- Impact

Tinius Olsen Pendulum Impact

- Izod Impact

MACHINING CAPABILITIES

MOXIETEC Machining Services, we're here to help.

Moxietec offers machining solutions for all internal mold builds as well as shop wide manufacturing support.

MOXIETEC Engineering Support

Our in-house design team provides engineering support for all machining services.

Quality Control at MOXIETEC

We have a wide range of quality-control inspection equipment. This includes a 3.5m – 87 Series Romer portable CMM and Scanning arm.

DMU 95 monoBLOCK

Max. X-axis travel – 37.4"
Max. Y-axis travel – 33.5"
Max. Z-axis travel – 25.6"
Max. table load – 2,205 lbs.
Table diameter – 33.5"

DMU 340 Portal

Max. X-axis travel – 133.9"
Max. Y-axis travel – 133.9"
Max. Z-axis travel – 63"
Max. table load – 35,274 lbs.
Table diameter – 102.4"

NLX 2500

Max. turning diameter - 14.4"
Max. workpiece length with tailstock (workable) - 49.4"
Max. chuck diameter – 10"
Max. rotational speed of the spindle - 4,000 rpm
Output (100% power-on time) - 29.5 hp.
Max. draw tube inner diameter – 4"



TOOLING SUPPORT

Haimer UNO 20170 Tool Presetter

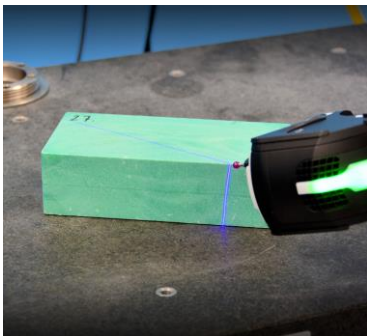
- Max Tool Length of 28"
- Auto Drive

Haimer UNO 20140 Tool Presetter

- Max Tool Length of 15"
- Manual Drive

Haimer Shrink Unit

- Required for all shrink fit tooling
- Supports HSK A100 and A63



Microscopy

- Thermo Fisher SEM
- Zeiss SteREO Microscope
- Zeiss Axio Microscope

Thermal Analysis and Rheology

- TA Instruments DSC
- TA Instruments TGA
- TA Instruments ARES G-2 Rheometer
- Tinius Olsen Melt Flow Indexer



Other Testing Services

- QLAB QUV Accelerated Weathering
- X-rite Spectrophotometer





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New discoveries enabling a greener world.

