



MOLI Machines and Workcenters

digital representations of your production floor with the intelligence to match

Intelligent Job Routing, Status, and Machine Integrations.

Jobs route to the right machine based on real-time status — operators receive exactly what they need to do the work, when they need it.

Everything that happens at a workcenter is captured, contextualized, and available for review and integration.

Machine API Connections and ERP Integrations work together to create a common data fluency — giving you unique insight into data from multiple systems.

EOS M290 17-4 (SI9234)

EOS M290 | EOS M291

Export

Idle: Stop

Material

17-4PH_1

Argon inlet valve at 0.00 %



EOS M290 17-4 (SI9234) Sensor Data

Temperature

Humidity

Room temperature

23.0 °C

Relative ambient atmospheric humidity

29.00 %

Process chamber temperature

24.7 °C

Absolute process chamber humidity

6.09 g/m³

Building platform temperature

28.5 °C

Oxygen

Oxygen concentration at top of process chamber

20.35 %

Oxygen concentration in Recirculating filter system

0.3070 %

Filter System

RFS filter pressure drop

0.10 mbar

Turbine pressure

0.0060 mbar

Exposure Units (1)

#

Hours

Temperature

Max. Out.

Module

Controller

1

10.190.73

22.2 °C

0 W

IPG Standard YLR-Y11 Interface

1/0: 1020

SI923420260520204814

Successful

↑ 143.28 mm

3.582 Layers (0.04 mm)

Argon

Heating: 8.063 sec

Exposure: 74,504.325 sec

Recoating: 32,676.090 sec

17-4PH_1

✓ 17-4PH_040_StainlessM291 1.00

Scaling: 0.014 x 0.025 (Top: 0 | Bottom: 0 | Bottom Offset: 0 mm)

Started by JOSH

Started on May 20, 2026, 4:48 p.m.

Ended on May 21, 2026, 11:06 p.m.

HOW IT WORKS

MOLI intelligently **routes available jobs to your Workcenters and Machines** based on status and completion information.

As team members sign into stations, the system **automatically delivers role-specific documentation**, work instructions, training materials, and data entry interfaces. This contextual delivery ensures processes are followed correctly while **capturing critical production data at the source**, eliminating paper-based inefficiencies and increasing visibility into production.

Machine API connections unlock the data already inside your equipment — bridging automatic counts, operator entries, and ERP transactions without manual reconciliation.

AVAILABLE MACHINE INTEGRATIONS



DMG MORI

ENGEL



Mazak

MTCONNECT
POWERED BY AAMT

LOKUMA
OPEN POSSIBILITIES

Contact Perdux Software for a machine compatibility assessment. MOLI can communicate with machines using standard protocols — including MTConnect, EUROMAP, MQTT, OPC UA, Modbus, HTTP / REST — and a low-level serial drip.

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Your machines already know a lot. **Unlock their data.**



PERDIXSW.COM

Perdux Software
info@perduxsw.com
(585) 471-6800