

Milling

**Micro Molds & Aluminum Molds
quicker, better, more economical!**

**DATRON offers innovative CNC milling and engraving
machines for perfect results in your production!**



Aluminum Mold Machines

Innovative DATRON CNC milling machines - for even more success!

Precise M7/M8



DATRON M7 – Precise and compact

With spindle speeds up to 60,000 rpm and massive Steel/Granite construction for intricate machining.
Traverse path: 520 x 520 x 240 mm

DATRON M8 – High-performance

The versatility and excellent cost-performance-ratio of the DATRON M8 has made it the mainstay of the aluminum mold-making industry.
Traverse path: 1,020 x 700 x 240 mm



Economical M75/M85

Economical, ecological, cost-saving!

High-quality mechanical engineering and spindle speeds to 30,000 rpm do not have to be expensive.

Traverse path M85: 1,020 x 700 x 240 mm



Traverse path M75: 520 x 520 x 240 mm

Powerful **M10** Power/Pro

DATRON M10 – Powerful and highly precise!

The M10 milling machines are the result of two decades of HSC experience. Perfect results due to a low-vibration and dynamic process.

Traverse path: 1,040 x 720 x 240 mm



Large-format **ML/MV**

Large format

Batch production makes large-format CNC machines particularly economic. The DATRON ML/MV are available in eight different sizes. With vacuum clamping system and "CleanCut" suction system for sheet metal machining.

ML1500-2c traverse path: 1,020 x 1,520 x 240 mm

ML1600-5 traverse path: 1,620 x 2,650 x 240 mm



Exceptionally versatile!

Additional vertical clamping area for particularly high parts.

Traverse path from 1,040 x 1,000 x 240 up to 1,620 x 2,650 x 240 mm

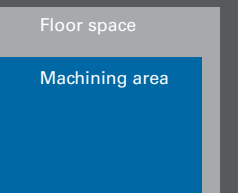
**Efficient and good value –
Low unit costs and
high performance.**

**High-quality components –
Quality and longevity**



60,000 rpm
High milling performance
with small tools.

Precision spindle with a concentricity better 2 μm and HSK-E 25 tool holding insert (optional).



Saves space:
Large machining area with
extremely small floor space.

Solid, temperature-stable **Granite table** with very high rigidity. (ML, MV, M7, M10).



Saves money:
Low-cost in purchase and
operation.

Precision ball screw and linear guides of leading suppliers.



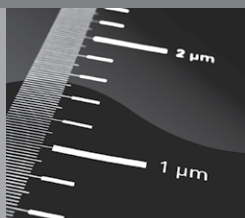
Saves energy:
Very low power consumption by
means of highest efficiency of
all aggregates.

XYZ measuring system integrated:
Measuring functions and very easy-
to-use material and/or tolerance
compensation (optional).



Saves resources:
Minimum quantity lubrication
from 30 ml/h. Minimal cleaning costs.

Optical linear position measuring system with 0.5 μm positional resolution (optional).



For more information on machines for
aluminum mold milling, please visit:

www.datron.com

You are just one click away from success!

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