



Our machine outfit

Efficient, quick and precise processing

Model, mould and tool making for more than 70 years



Quality, performance and rapid processing times

Overview of the machine outfit

Our machinery includes seven 5-axis machines.
These have the size to produce small series and also big prototypes.

We also have a deep hole drilling machine and a 3-axis milling machine.
The machine outfit is completed by two measuring and eroding machines

State-of-the-art machining centre for tight tolerances



5 – axis – milling centres

A self-developed zero point clamping system ensures rapid set-up times and maximum flexibility.

Machines	Spindle mounting / revolution per minute	Traveling distance (X × Y × Z in mm)	Feed rate	Table load	Automation
Reiden RX12	HSK 63 A / n= 18 000 min ⁻¹ HSK 63 A / n= 3000 min ⁻¹	1300 × 1450 × 1000	50 m/min	2000 kg	Automatic tool changer 360 times Pallet changer 5 times
DMF 260-11 linear	HSK 63 / n= 18 000 min ⁻¹	2600 × 1100 × 900	80 m/min	1200 kg	Automatic tool changer 60 times
DMU 100T	HSK 63 A / n= 18 000 min ⁻¹	1070 × 710 × 900	30 m/min	500 kg	Automatic tool changer 30 times

A high level of automation ensures rapid processing times



5 – axis – portal milling centres

Two palletising systems paired with large tool changers make us a fast and reliable partner for the production of your individual parts and small series.

Machines	Spindle mounting / revolution per minute	Traveling distance (X × Y × Z in mm)	Feed rate	Table load	Automation
DMC 105V linear	HSK 63 / n= 18 000 min ⁻¹	1100 × 800 × 600	90 m/min	1000 kg	Automatic tool changer 60 times
DMC 105V linear	HSK 63 / n= 18 000 min ⁻¹	1100 × 800 × 600	90 m/min	1000 kg	Automatic tool changer 60 times Pallet changer 3 times
Eima XT	HSK 100 A / n= 16 000 min ⁻¹	2500 × 2000 × 1250	50 m/min	16000 kg/m ²	Automatic tool changer 135 times
Huron KX 100	HSK 63 / n= 18 000 min ⁻¹	2300 × 2300 × 900	60 m/min	6000 kg	Automatic tool changer 60 times

Powerful, flexible and reliable



We combine our expertise of craftsmanship with the state-of-the-art.

3 – and 4 – axis milling centres

Machines	Spindle mounting / revolution per minute	Traveling distance (X × Y × Z in mm)	Feed rate	Table load	Automation
DMC 635V	SK 40 / n=10 000 min ⁻¹	635 × 510 × 460	30 m/min	600 kg	Automatic tool changer 20 times
BUCK TBFZ 1100	SK 40 / n= 10 000 min ⁻¹	1100 × 600 × 1000	5 m/min	5000 kg	

Highest precision and accuracy



Measuring and eroding machines

We can guarantee an accuracy up to 0.03 mm, on our measuring machines.

Machines

Stiefelmeyer measuring machine

**Traveling distance
(X × Y × Z in mm)**

2420 × 1000 × 1200

Table load

5000 kg

Stiefelmeyer measuring machine
(air-conditioned measuring room)

2800 × 1600 × 1800

6000 kg

Machines

Spark eroding machine
Ingersoll IC 1800

**Reservoir size
(X × Y × Z in mm)**

1000 × 1800 × 800

Head strain

1000 kg

Spark eroding machine
Ingersoll IG 1000 E

1500 × 900 × 550

500 kg



Thank you very much for your interest!

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