



## 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.

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

<b>Machines</b>	<b>Spindle mounting / revolution per minute</b>	<b>Traveling distance (X × Y × Z in mm)</b>	<b>Feed rate</b>	<b>Table load</b>	<b>Automation</b>
<b>DMC 105V linear</b>	HSK 63 / n= 18 000 min <sup>-1</sup>	1100 × 800 × 600	90 m/min	1000 kg	Automatic tool changer 60 times
<b>DMC 105V linear</b>	HSK 63 / n= 18 000 min <sup>-1</sup>	1100 × 800 × 600	90 m/min	1000 kg	Automatic tool changer 60 times Pallet changer 3 times
<b>DMC 165V linear</b>	HSK 63A / n= 20 000 min <sup>-1</sup> HSK 63F / n= 30 000 min <sup>-1</sup>	1650 × 1400 × 900	90 m/min	8000 kg/m <sup>2</sup>	Automatic tool changer 76 times
<b>Huron KX 100</b>	HSK 63 / n= 18 000 min <sup>-1</sup>	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

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