



Dürselen GmbH & Co. KG
Machine construction,
precision parts,
paper drilling machines

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Company-portrait

- 1966:** Dürselen KG is founded by Hans-Joachim Dürselen
2009: Change of name to Dürselen GmbH & Co. KG
2015: Acquisition by Dirk Berg. In the course of the age succession regulation, the mechanical engineer and business economist Dirk Berg takes over 100% of the shares of Dürselen GmbH & Co. KG by Hans-Joachim Dürselen

Location

- conveniently located on the A61 / Mönchengladbach-Odenkirchen (industrial area Gütterath-Ost) / Germany
- 3,500 m² production area, plus approx. 600 m² warehouse
- 300 m² of office space
- Crane capacity 50 t at 9 m hook height

Services with the production focus

- Milling and drilling of:
 - large steel, cast and aluminum structures
 - Machine frame
 - Precision parts
- Assembly manufacturing and assembly
- Special machine construction according to foreign or own construction
- Complete manufacturing of engineering components including material purchasing, mechanical machining and surface treatment

→ Customers: Capital goods industry, e.g. machine tool construction, textile machine construction, packaging machine construction, automotive supply industry, pharmaceutical industry, aviation industry

Own product lines

- Paper drilling machines including special solutions
- Finishing Systems
- Packaging machines

→ Customers: Graphic Arts, Bookbinding & Printing companies

Milling and Drilling Machines

- **MTE**
Traveling column CNC machining center
x = 16000 mm, y = 3200 mm, z = 1500 mm
Automatic milling head - stepless -,
spindle drive power 40 KW
4-sided machining is possible in every
clamping; any number of degrees is possible
even with inclined planes.
Crane capacity: 50t

New in March 2022

- **MTE**
Traveling column CNC machining center
x = 16000 mm, y = 3200 mm, z = 1500 mm
Automatic milling head changing system:
Automatic milling head - stepless -,
Automatic milling head - 2,5° x 2,5° -,
Milling heads - horizontal (drill spindle) Ø198mm,
length 662mm -,
Adapter angle milling head - 880-50 with 8x 45°
indexing -,
spindle drive power 40 KW
4-sided machining is possible in every
clamping; any number of degrees is possible
even with inclined planes.
Crane capacity: 50t



- **SHW**
Traveling column CNC machining center

x = 8000 mm, y = 2100 mm, z = 1300 mm
Orthogonal head
spindle drive power 30 KW
4-sided machining, even with inclined planes,
possible in one clamping.
Crane capacity: 10t

Continue Milling and Drilling Machines

- **SORALUCE**
Bed milling and drilling center
with universal milling head and rotary table
x = 3500 mm, y = 1250 mm, z = 1000 mm
The rotary table can be set up horizontally
or vertically with a counter bearing for long
parts.



- **DMG**
Universal machining center
for 5-axis machining
x = 1080 mm, y = 710 mm, z = 710 mm
NC controlled swivel milling head,
NC controlled rotary table

Milling and Drilling other machines

- **Vertical CNC machining center**
x = 1020 mm, y = 510 mm, z = 560 mm, universal milling head
- **CNC bed milling machine**
x = 1200 mm, y = 600 mm, z = 600 mm, universal milling head
- **Universal tool milling machine**
x = 700 mm, y = 450 mm z = 450 mm
- **Precision coordinate drilling and milling machine**
x = 450 mm, y = 260 mm, z = 120 mm (+ 450)

Turning

- **Mazak CNC lathe**
with driven tools largest turning diameter 276 mm, largest turning length 1200 mm
- **Center lathe and spindle lathe**
280 mm peak height, 2000 mm peak width

Grinding Machines

- **Internal Cylindrical Grinding Machine**
with automatic surface grinding device,
smallest grinding diameter 10 mm, largest grinding diameter 160 mm,
largest grinding depth 200 mm and largest workpiece length 400 mm
- **External Cylindrical Grinding Machine**
135 mm center height x 1000 mm center distance, max. workpiece weight 125 kg
- **Surface Grinding Machine**
2000 mm grinding length, 600 mm grinding width, 600 mm grinding height,
max. table load 1.000 kg

Further Options

- **Broaching Machine**
with 6, 8, 10, 12, 16, 20, 25 and 32 mm square broaches in quality H7 and for keyways in
quality P9 + H7 from 3 mm - 18 mm
- **Horizontal Honing Machine**
for honing parts up to 500 mm in length and 10 mm - 80 mm in diameter
- **Radial Boring Machine**
56 mm drilling capacity, 1600 mm working radius
- **Four Boring Machines** – up to 30 mm drilling capacity
- **Band Saw** – up to 250 mm diameter
with automatic feed
- **Circular Cold Saw**
up to 110 mm square and up to 120 mm diameter
with swiveling saw blade
for miter cuts up to 45 degrees
- **Vertical Band Saw and Filing Machine**

Quality Control

- **CNC Coordinate Measuring Machine**
Measuring range x = 700 mm, y = 1000 mm,
z = 580 mm
- **Hand-held CNC Coordinate Measuring Machine**
Measuring range x = 460 mm, y = 510 mm,
z = 420 mm

