



Takeover of Buderus Edelstahl Zerspanungstechnik Success Story in its Third Year

Buderus Edelstahl Zerspanungstechnik GmbH, located in Niederweidbach, has been part of the Buderus Edelstahl group of companies since April 2007. In just under two years, this company located by the Aartal lake has achieved a great deal. Numerous investments and organisational measures have contributed to establishing an effective steel service centre. The pre-existing cooperation between the Wetzlar and Niederweidbach locations has been intensified in the field of tool-making. The two locations have also coordinated closely to address new customer groups.

The increased capacity requirements have been met by relocating a gantry CNC milling machine (Waldrich FP 20-10) from Wetzlar to Niederweidbach. The decision to relocate this plant resulted from the systematic strategic reorientation of both locations, leaving rotationally symmetrical machining at the Wetzlar location. Flat

sizes are now machined only in Niederweidbach.

In addition to the investments already made, numerous organisational measures have been taken, ensuring the long-term integration of Buderus Edelstahl Zerspanungstechnik into the Buderus Edelstahl group of

companies. Health and safety and quality management issues are currently being jointly co-ordinated. Buderus Edelstahl Zerspanungstechnik is gradually adopting the high standards of Buderus Edelstahl. Practices will also be unified in the spheres of human resources and financial accounting.

The Buderus Edelstahl Zerspanungstechnik workforce





Overall view of the production shop

Synergies in training too

24 staff are currently employed at Buderus Edelstahl Zerspanungstechnik. The Managing Director Holger Karches is supported by Works Manager Reinhard Tuisl, and Management Assistant Susanne Sulewsky. "Our employees are mainly CNC milling machinists", says Holger Karches, "We have now also taken on two staff who did their training at Buderus Edelstahl. Buderus Edelstahl have also taken on several trainees over the last two years in consultation with us, who will later be working at the Niederweidbach location. They will do some of their practical training with us, so that they learn their trade on the machines they will later be operating." The aim of all these measures is to fully utilise our synergistic potential, and provide customers with an effective service. Holger Karches and Jens Mohr, Commercial Director of Buderus Edelstahl, are unanimous, "Our experience over the

past 12 months shows we are on the right track."



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UNION drilling and milling machine, up to 25 tonnes table weight



Dimensional check of a holding block



List of machines

CNC milling:

Waldrich gantry milling machine

Table (W x L, mm): 2250 x 6700
 Max. weight on table (kg): 100 000
 Positioning ranges (mm):
 X: 7500 / Y: 3400 / Z: 3000 / W: 800

Waldrich gantry milling machine

Table (W x L, mm): 2500 x 10 000
 Max. weight on table (kg): 100 000
 Positioning ranges (mm):
 X: 11 000 / Y: 4000 / Z: 1000 / W: 3000

Waldrich gantry milling machine

Table (W x L, mm): 2000 x 6000
 Max. weight on table (kg): 66 700
 Positioning ranges (mm):
 X: 6700 / Y: 3300 / Z: 1000 / W: 2000

Fritz-Werner gantry milling machine

Table (W x L, mm): 1000 x 3000
 Max. weight on table (kg): 12 000
 Positioning ranges (mm):
 X: 2300 / Y: 1300 / Z: 800

Bohner & Köhle profile milling machine

Table (W x L, mm): 1400 x 3000
 Max. weight on table (kg): 12 000
 Positioning ranges (mm):
 X: 3000 / Y: 1400 / Z: 1150

Mecof milling and drilling machine with 41 tool changer

Table (W x L, mm): 2610 x 7300
 Max. weight on table (kg): 50 000
 Positioning ranges (mm):
 X: 6000 / Y: 1250 / Z: 1700

Horizontal boring machines:

Union horizontal machining centre

Table (W x L, mm): 2000 x 3000
 Max. weight on table (kg): 25 000
 Positioning ranges (mm):
 X: 4000 / Y: 2500 / Z: 1500 / W: 700

Boring machines

TOSS boring machine

Table (W x L, mm): 1000 x 2640

CAD/CAM

Format: iges, vda, Catia V5, dxf, tif, dwg, hpgl, pdf

Data transfer: Odette link