

# 5-Axis CNC Milling Machine

Plant of NRW Central Laboratory for Battery Technology



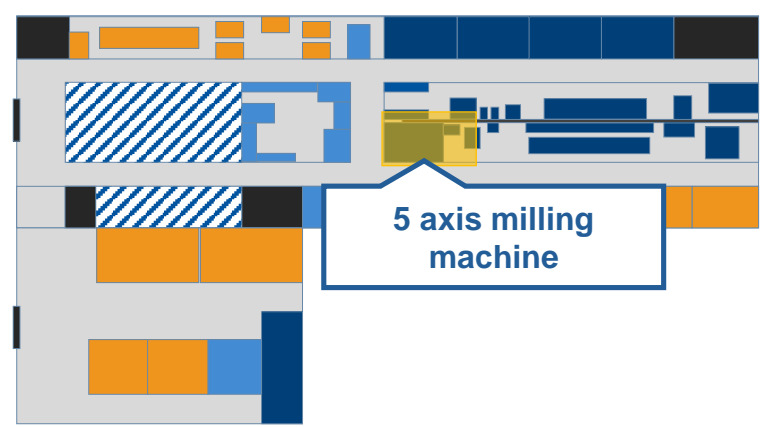
## Costs:

Hourly rate:  
**120,90 €**

Daily rate:  
**967,23 €**

Discounted  
daily rate<sup>1</sup>:  
**812,47 €**

## Technical specifications



Building-No. 4733, Ground floor, Room No. 036

### CNC milling machine type DMU 75 monoBlock

#### Technical specifications

Travels X/Y/Z	750x650x560 mm <sup>3</sup>
Loading weight	600 kg
Main drive	Motor- spindle 18.000 1/min 35 kW (40% ED); 25 kW (100% ED)
Tool holder	SK 40 to DIN 69871
Spindle headstock	vertical
NC-Swivel rotary table	Diameter table top C-axis: 650 mm integrated in rigid table 800 mm x 650 mm
3D- control	Heidenhain iTNC 530 HSCI
Infrared tester	Heidenhain TS 649

#### Qualifications required for operation

- Training Programming and Operation Heidenhain iTNC 530, TNC 640
- At least one year of experience in operating CNC milling machine
- Professional training with operation of CNC milling machines as content

#### Fields of application

- Machining of metals and plastics
- Milling in 2D, 2.5D and 3D
- Milling work for small and large series
- Prototype parts production with 3 to 5 axes
- 5-axis simultaneous machining

<sup>1</sup> If the actual period of use exceeds 20 days in a contract period of 6 months, a discount of 16% will be granted on the rent of this equipment

Note on the manufacturing process: Material-related deviations may occur due to the manufacturing process.

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