

## OPTIMUM OPTImill F 105 (1125-3140046)



**Control type**  
 CNC

**Construction year**  
 2012

**Machine no.**  
 1125-3140046

**Make**  
 OPTIMUM

\*\* immediately available

- Siemens Sinumerik control 828D with 15.6 inch touch display
- Heavy-duty design
- High productivity
- High reliability
- Heavily ribbed, torsion-free machine base
- Profile rail with roller recirculation in all axes for high payloads
- High-torque servo drives, directly connected to the ball screw in all three axes
- Precision-ground, preloaded high-performance recirculating ball screw (40 mm x P16 x C3) for high rapid traverse speeds in all axes
- Telescopic guideway cover on all three axes
- Main spindle BT40 up to 10,000 min<sup>-1</sup> with belt drive or up to 12,000 min<sup>-1</sup> with inline spindle
- Massive, precise milling table with four T-slots, generously dimensioned and precision-ground
- The portable, electronic handwheel with enabling switch and emergency stop switch makes it much easier to run in programs

- Tool changer double-arm gripper with 12 tool positions
- Coolant unit with chip flushing system and cleaning gun
- RJ45 plug connection, USB and 230 V power connection
- Enclosed control cabinet with integrated heat exchanger ensures optimum temperature and prevents the ingress of dirt particles
- Oil separator
- Machine light in the work area

## Machine attributes

x-travel:	550 mm
y-travel:	305 mm
z-travel:	460 mm
table-size:	820 x 320 mm
tool adaptor:	BT 40
turning speed range:	10000 U/min
power requirement:	11 kW
Control:	Sinumerik Steuerung 828D
rapid traverse Z-axis:	1500 mm/min
rapid traverse X- and Y-axis:	1500 mm/min
workpiece weight:	300 kg
no. of tools in the magazine:	12 Stück
dimensions:	2164 x 1860 x 2200 mm
weight of the machine ca.:	2800 kg

## Machine images



