



# CNC CRANKSHAFT GRINDER NAXOS UNION PMB 310

Machines sold

Brand :	<b>NAXOS UNION</b>
Model :	<b>PMB 310</b>
Year :	<b>2008</b>
Serial number :	<b>101496</b>

## TECHNICAL DETAILS & EQUIPMENT

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CNC Crankshaft grinder NAXOS UNION PMB 310

YOM  
: 2008

CNC  
: Sinumerik 840D powerline

Working hours  
: 9 595h

Working area :

Max swing diameter workpiece : 320 mm

Max stroke Radius of crankshaft : 47 mm

Max workpiece length : 1.000 mm

Max workpiece weight : 150 kg

Grinding wheel power - measurement  
:

Power grinding wheel : 55kW, three-phase asynchronous motor

Grinding wheel surface speed : 125m/s

Diameter : 600 mm

Boron: 132 mm

Width max. : 50 mm

Machine dates  
:

Travel grinding wheel head X-axis 400 mm

Travel grinding wheel head Z-axis 1.600 mm

Hydrostatic guideways in both axis

Workpiece drive :

Asynchronous torque motor – liquid cooled

Max torque: 102 Nm

Speed : 0-300 min<sup>-1</sup>

Servo motor grinding wheel head (X-axis) :

Synchronous-linear motor, liquid cooled

Continuous force : ca. 3.100 min<sup>-1</sup>

Cross adjustment grinding wheel head (Z-axis) :

A.C - servo motor

Torque: 42 Nm

Speed : 3.000 min<sup>-1</sup>

Dresser-unit :

A.C - servo motor

Torque: ca. 3,0 Nm

Speed on tool max. : 17,400 min<sup>-1</sup>