



# CNC BORING MACHINE - TOS WH105 CNC

Machines sold

Brand :	<b>TOS</b>
Model :	<b>WH105 CNC</b>
Year :	<b>2014</b>

## TECHNICAL DETAILS & EQUIPMENT

Working hours :	<b>ONLY 800</b>
Driving system :	<b>HEIDENHAIN ITNC 530</b>
Spindle type :	<b>"R"</b>
Working spindle diameter :	<b>105 mm</b>
Knotted cavity of the working spindle :	<b>ISO 50</b>
Design of the clamping handle of the machine :	<b>DIN 69871 A</b>
Working spindle speed range :	<b>10 - 3 300 1/min</b>
Rated power of the main engine :	<b>28 kW</b>
Max main engine power :	<b>35 kW</b>
Nominal speed of the working spindle :	<b>290 1/min</b>
Nominal spindle torque :	<b>919 Nm</b>
Max spindle torque :	<b>1148 Nm</b>
Working spindle extension W :	<b>630 mm</b>
Vertical adjustment of spindle Y :	<b>1250 mm</b>
Min height of the spindle axis above the work table :	<b>0 mm</b>
Max workpiece weight :	<b>5000 kg</b>
Dimensions of the table clamping surface :	<b>1400 x 1400 mm</b>
Clamping "T" claws table size :	<b>22H8 mm</b>
Clamping "T" claws table gauge :	<b>160 mm</b>

Clamping "T" claws table number :	<b>9</b>
Diameter of the centre hole of the table clamping surface :	<b>100H6 mm</b>
Longitudinal adjustment of the table Z :	<b>1250 mm</b>
Primary repositioning of the table X :	<b>1800 mm</b>
Working feed range - X, Y, Z, W :	<b>5 - 5000 mm/min</b>
Quickdraw - X, Y, Z :	<b>10 000 mm/min</b>
Quickdraw - W :	<b>8000 mm/min</b>
Quickdraw - B :	<b>2 1/min</b>
Min programmable increment of positioning - in X, Y, Z coordinates :	<b>0,001 mm</b>
Min programmable increment of positioning - in coordinate B :	<b>0,001 grad</b>
Min programmable increment of positioning - in coordinate C :	<b>0,1 grad</b>
Max sliding forces - in X, Y axis :	<b>15 kN</b>
Max sliding forces - in Z, W axis :	<b>20 kN</b>
Bearing capacity of the B axis reinforcement at R = 0,5m :	<b>25 kN</b>
Working flow of hydraulic circuits :	<b>8,1 - 8,8 MPa</b>
Pressure air supply to the machine - pressure :	<b>0,6 MPa</b>
Pressure air supply to the machine - quantity :	<b>18 1/sec</b>
Voltage / Frequency of the electrical site :	<b>3 x 400 / 50, 3 x 400 / 60 V / Hz</b>
Voltage drivers and wires :	<b>24 V</b>
Total installed machine power :	<b>52 kVa</b>
Sound level A in the workplace max :	<b>80 dB (A)</b>

Ces informations et spécifications sont données à titre indicatif et ne sont pas des données contractuelles. En aucun cas la responsabilité de Pli International ne pourra être engagée. | 3

Climatic performance :	<b>Normal</b>
Total weight of the machine :	<b>17 600 kg</b>
Full housing :	