

## **Technical Specifications VF-4DHE (2015)**

### **STANDARD MACHINE SPECIFICATIONS, VF-4DHE**

#### **MACHINE**

Height: 3023 mm maximum

Width: 4089 mm maximum

Depth: 3353 mm maximum (with electrical cabinet door open)

Door opening width: 1276 mm

Weight: 6033 kg

Compressed air: 113 l/min at 6.9 bar

Electrical connection: 380 VAC, three-phase, 50-60 Hz

Full steel enclosure: 14 GA cold-rolled steel

Installed power: 28 kVA

#### **TABLE**

Width 457 mm

Length 1321 mm

Maximum weight on table 1.588 kg

T-slot width 16 mm (5)

Distance between axes 80 mm

#### **TRAVELS**

Maximum X axis 1270 mm

Maximum Y axis 508 mm

Maximum Z axis 635 mm

Spindle nose to table 102-737 mm

100% ball-bearing test ensures three-dimensional perpendicularity and accuracy.

#### **SPINDLE**

Taper No. 40 DIN 69871

Spindle speed 0 to 8,100 rpm

ABEC Class 7 spindle bearings

Spindle torque 122 Nm at 2,000 rpm

Electronic spindle orientation

#### **TOOL CHANGER**

Fully encapsulated tool magazine

Capacity 20 standard tools

Tool type 40 DIN 69871

Maximum tool diameter 89 mm (with full magazine)

Maximum tool weight: 5.4 kg (with full magazine)

Tool changer type: Fully electric, bidirectional

## FEEDS

Rapid feed rate X, Y, Z axes: 25.4 m/min

Maximum feed: 16.5 m/min

## MOTORS

Spindle:

Maximum power: 22.4 kW

Axis:

Maximum force X, Y: 11,343 N

Z: 18,683 N

## Options:

Screw chip conveyor

Side tool changer (capacity increased to 24+1)

20 bar spindle coolant (spindle speed limited to 10,000 rpm when this option is activated)

Additional filtration system for cast iron and/or aluminum machining centers and machines with spindle coolant

Oil separator

Remote control

24 pulleys with spindle coolant, type TPS24E

## Included:

380 V power connection

1 MB memory expansion

15-inch color LCD display and USB interface

Rigid power socket

3/4 HP coolant pump

Memory access locked by a key switch on the control panel