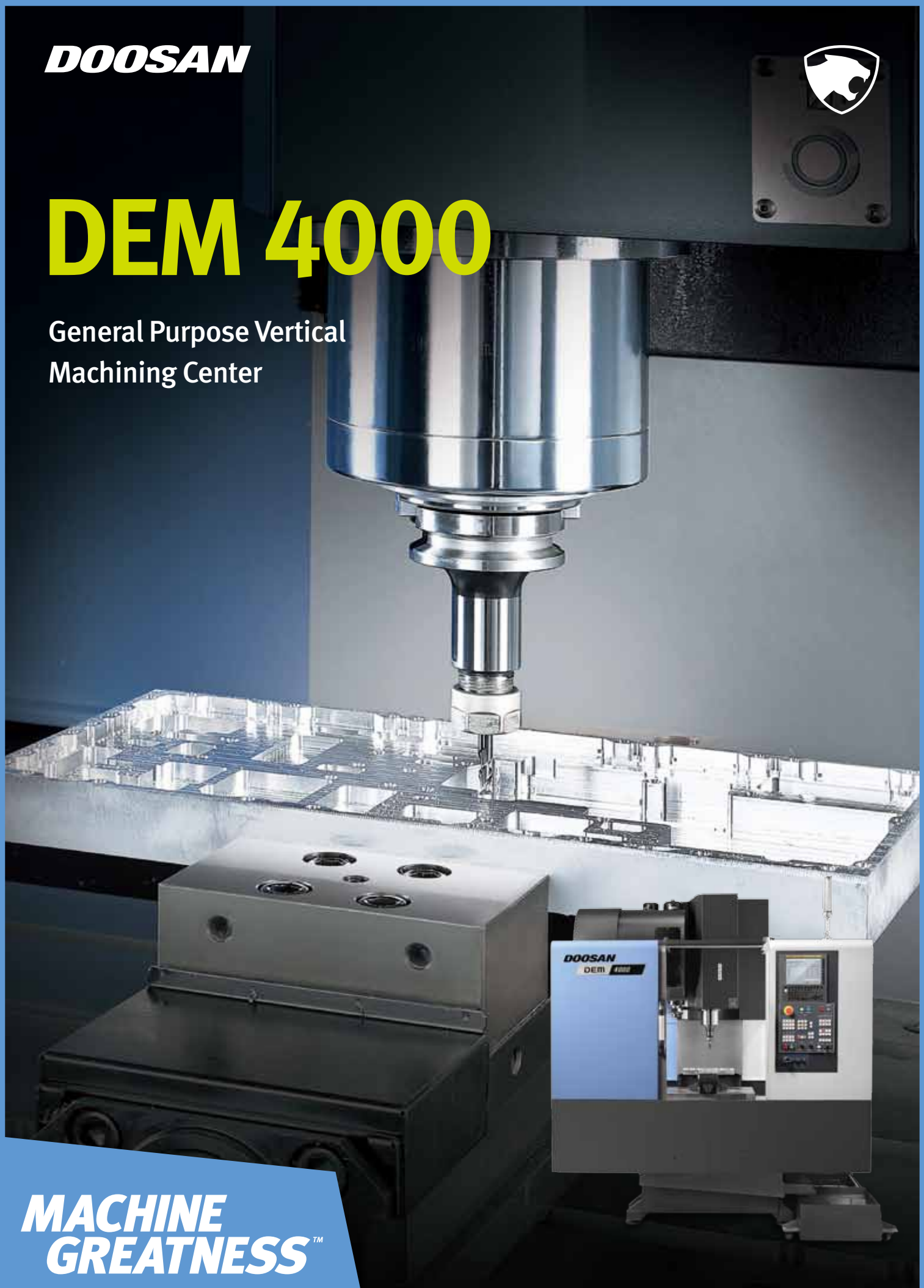


**DOOSAN**



# DEM 4000

General Purpose Vertical  
Machining Center



**MACHINE  
GREATNESS™**

## Basic Structure

General machining performance to apply high rigidity structure.

### Travel distance

**X-axis 550 mm**  
(21.7 inch)

**Y-axis 400 mm**  
(15.7 inch)

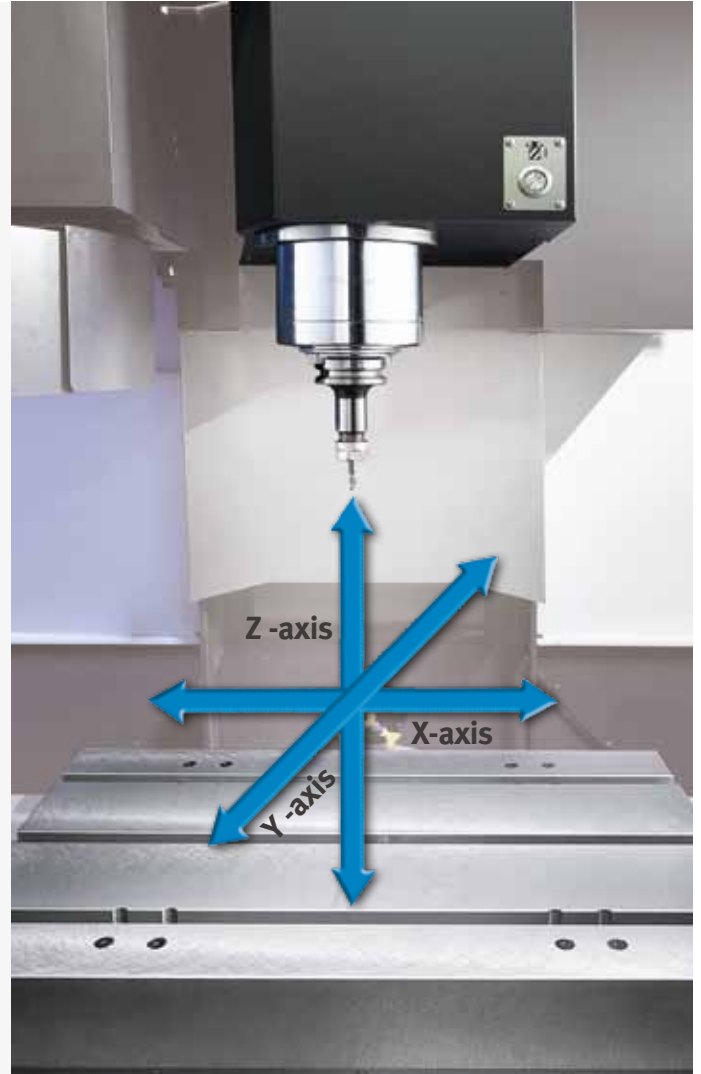
**Z-axis 450 mm**  
(17.7 inch)

### Rapid traverse

**X-axis 24 m/min**  
(944.9 ipm)

**Y-axis 24 m/min**  
(944.9 ipm)

**Z-axis 24 m/min**  
(944.9 ipm)



## Spindle

Apply high speed belt spindle.

### Max. Spindle speed

**8000 r/min**

### Max. Spindle motor power

**7.5 kW**  
(10.1 Hp)

### Max. Spindle torque

**47.7 N·m**  
(35.2 ft-lbs)



## Magazine

Two different type of magazines are available. (ARM, ARMLESS)

magazine

**20 ea (ARM)** **16 ea (ARMLESS)** option



## Table

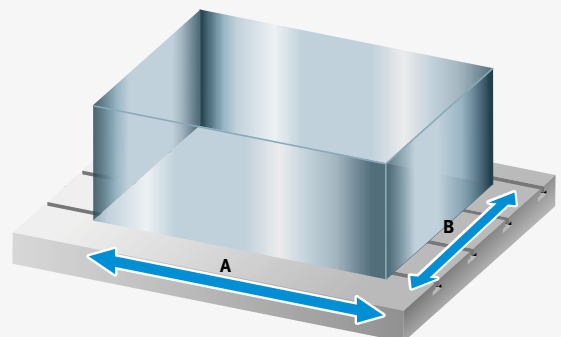
Maximizing cutting area & work load capacity.

Table size (A x B)

**650 x 400mm**  
(25.6 x 15.7 inch)

Table load capacity

**400 kg**  
(881.8 lb)



## Major Specifications

### DEM 4000



Description	Unit	DEM 4000
Max. spindle speed	r/min	8000
Max. spindle power	kW (Hp)	7.5 (10.1)
Max. spindle torque	N·m (ft-lbs)	47.7 (35.2)
Tool shank type	-	ISO #40
Travel distance (X / Y / Z)	mm (inch)	550 / 400 / 450 (21.7 / 15.7 / 17.7)
Table size	mm (inch)	650 x 400 (25.6 x 15.7)
Table Loading Capacity	kg (lb)	400 (881.8)
Tool storage capacity	ea	20 {16}*

\*{}: Option

## Doosan Machine Tools

[www.doosanmachinetools.com](http://www.doosanmachinetools.com)

[www.instagram.com/doosan\\_machinetools](https://www.instagram.com/doosan_machinetools)

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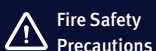
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\* For more details, please contact Doosan Machine Tools.

\* The specifications and information above-mentioned may be changed without prior notice.

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**Fire Safety  
Precautions**

There is a high risk of fire when using non-water-soluble cutting fluids, processing flammable materials, neglecting use coolants and modifying the machine without the consent of the manufacturer. Please check the SAFETY GUIDANCE carefully before using the machine.

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