

# Electric Vacuum End Effector

 Model **EVE-500**

 Products compatible with  
**FANUC plugin**

Electric vacuum end effector



× FANUC


 ▲  
 Special Website

**Energy saving**

Pump automatically stops at preset pressure

**Vacuum holding function**

Valve maintains vacuum when the pump stops automatically

**Suitable for use anywhere**

No compressed air required

**Easy setup**

No need for hose routing

**Quiet operation**

No air discharge noise

**Cleanliness**

No external air inflow

**I/O signal type**

PNP / NPN models available

The CRX plugin software

The electric vacuum end effector **e-VEE**  
 is now compatible with  
**FANUC's CRX plugin.**

Settings and programming tasks of e-VEE  
 can be easily performed  
 from a tablet.



# Electric Vacuum End Effector

# e.VEE

## Features

- No compressed air required due to built-in vacuum pump
- Enables energy savings in vacuum lifting

## Specifications

Model | **EVE-500**



Attainable Vacuum	kPa (mmHg)	-66.6 {-500}		
Free Air Displacement	L/min	7.5		
Rated Voltage		24 V DC		
Power Consumption	W	14.4 *1		
Energy Consumption	kWh	0.014		
Dimensions	*Excluding protrusion mm	104(W) x 96(D) x 80(H)		
Weight	kg		<b>EVE-500-NK</b>	<b>EVE-500-KOM</b>
				<b>EVE-500-KO</b>
		Main unit only	0.92	0.94
	When mounted	1.08	1.13	
I/O Signal Type		PNP / NPN		
Mounting Interface		ISO Mechanical Interface 4		

Model Type Selection Guide			
		PNP	NPN
Mounting Type	I/O Signal Type		
	Screw type tool flange	<b>EVE-500-NK-PNP</b>	<b>EVE-500-NK-NPN</b>
Manual robotic hand changer	Master cylinder + Tool adapter	<b>EVE-500-KOM-PNP *2</b>	<b>EVE-500-KOM-NPN *2</b>
	Tool adapter only	<b>EVE-500-KO-PNP *2</b>	<b>EVE-500-KO-NPN *2</b>

\*1 Maximum instantaneous value during operation.

\*2 Made-to-order models. For details, please contact your local sales staff.



## Switch from Ejector to Vacuum Pump for Energy-Saving Vacuum Lifting

Up to

# 77%

reduction  
in power consumption

Power Consumption

MAX  
**14.4 W**\*1

Energy Consumption

**0.014 kWh**

Compressor

+

Ejector

**No compressed  
air required**

\*3 Compared to an ejector of the same capacity, with an air consumption of 13 L/min per unit.

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