

April 5, 2017

## Launch of “CT Series” Clamp-End Traverse Type Take-Out Robots

● Yushin Precision Equipment ●

Yushin Precision Equipment of Kyoto, Japan has designed a new line of “clamp traverse” aligned take-out robots, the *CT Series*, which was developed using the latest design optimization engineering. Six models of the new series go on sale on April 5<sup>th</sup> 2017.

Yushin Precision Equipment Corp. (YPE) is a dedicated supplier of take-out robots for plastics injection molding machines. (YPE is based in Kyoto, Japan; President Mayumi Kotani; 1.986 billion yen capital.)

In response to user demand, YPE will release a range of CT models: the CT-100, sized for use with molding machines with 80-130-ton clamp force, the CT-150 for 100-220tf machines, and the CT-250 for 180-300tf machines, as well as a “CT2” compound-arm, low-height variant of each model, for a total of 6 models.

### CT Series Features

The new CT robots remove molded products and release at the clamp end of molding machines, rather than laterally like conventional traverse robots. This alignment can help boost the productivity of injection molding companies.

#### 1. Space Efficient

With their space-saving longitudinal alignment, CT robots require less clearance between molding machines than traditional traverse-style take-out robots, enabling users to maximize their production floor space.

#### 2. Energy Efficient

YPE has economized the CT robots’ electricity and air consumption by

downsizing motors through Design Optimization engineering and standardizing its ‘Eco Vacuum’ feature on all models.

### 3. Vibration Control

Settling time has been greatly shortened by adopting active vibration control while also improving vibration damping performance via Design Optimization and use of CFRP. These advancements help molding plants increase their productivity by enabling stable, precise take-out at high speed.

CT robot list prices (tax not included) begin at JPY3.9 million for the CT-100S and JPY4.3 million for the low-height CT2-100S. YPE expects to sell about 100 units annually for the CT series.

(For inquiries)  
PR related: Ezo  
Business Planning Dept., Headquarters  
Tel: (81)75-925-0400  
555 Kuzetonoshiro-cho, Minami-ku, Kyoto

#### [Notes]

##### \* Design Optimization

A CAE (computer-aided engineering) design approach to obtain the theoretically optimal robot configuration based on its mechanisms and motions.

##### \* Settling time

Time required for vibrations to calm down to a set level.