



# ROBO Changer

**THIS MACHINE IS CAPABLE OF REMOVING ABOUT 200\* TIRES FROM WHEELS PER DAY.**

\*work 8 hours a day  
the number of tires is changeable  
by a working background

## DISTRIBUTE WORKING HOURS EVENLY

The robot remove a tire from a rim at a fixed speed.

## SAVING TIME OF TRAINING EMPLOYEE

Although it takes approximately 2 years to train employee to remove tires from rims and evaluate the quality of tires, this robot can take a tire from a rim in 2 and a half minutes.

## REMOVE RIMS WITHOUT DAMAGES AS USED PARTS

The patented robot hand can remove tires from rims without damages as used parts.

## EVALUATE THE QUALITY OF TIRES

\*OPTIONAL SYSTEM

The system evaluates tires in the 5 levels with the picture of tires and the sensors .

★★★★★					SP
S465	2488 3 3/4				
175/65R14					
BRIDGESTONE					
ECOPIA					
2017 YR	4.3 mm	6.2mm	5.4mm	0.24	
3/4					

## ROBOT CONTROLLER

-Touch Panel Style

-Input the tire size and the number of removing tires



## SPECIFICATION\*

ROBOChanger®Specification		
Type	ROBOC-SP210	
Available tire size	From 12inch to 17 inch	
Time to remove a tire	2-3min for each	
Tire weight limit	210kg	
Weight	1080kg	
Robot controller	YRC100	
Energy source	3 Phase 200V 5 kVA	
Environment	Temperature	0~+45°C
	Humidity	20~80%RH Keep away from condensation
Measure the depth of groove	Optional	
Evaluate tire system	Optional	
Connect to the internet	Optional	
Putting barcode stickers Device	Optional	

\*Robot's appearance and specification is changeable without any notification. Thank you for your understanding.

## INTELLECTUAL PROPERTY

-To provide a tire management system, a tire data collection device and a data collection method. Patent registration No. 6416769.

-To provide a tire management system, a tire data collection device and a data collection method. Utility model registration No. 3209568

-The tire mounting / demounting the tire demounting and mounting system includes a tire gripping head therefor Patent registration No. 6186539.

-TIRE DETERIORATION EVALUATION DEVICE, SYSTEM THEREOF, METHOD THEREOF, AND PROGRAM THEREOF Patent registration No. 6283534.



## Contact us

Service  
SEA PARTS Co., Ltd.

67-1, Nishinagano, Shu-to machi,  
Iwakuni-city, Yamaguchi, JAPAN.  
TEL 0827-84-5115

Technical  
YASKAWA Electric Corporation  
Hiroshima Service Office  
2-16-17, Une, Umita-cho, Aki-Gun,  
Hiroshima, JAPAN  
TEL 082-824-7350 FAX 082-824-7351