

# EHP SERIES

High-Performance  
Tire Changer



EHP Series tire changers  
handle a wide variety of tire  
sizes and sidewall stiffness

**JohnBean**™



# **EHP SERIES TIRE CHANGERS COMBINE SPEED, VERSATILITY AND SAFETY - TRANSLATING INTO INCREASED PRODUCTIVITY**

## **TILT-ARM CONFIGURATION**

- Pneumatically locks vertically and horizontally
- Rigid design significantly reduces the possibility of harm to the rim or tire bead on low-profile and run flat wheels
- Maximum ergonomic clearance for installing the tire on the turntable



## **SWING-ARM CONFIGURATION**

- Quick and easy setup time
- Stays within a compact footprint - even with larger tire sizes
- Ergonomic tire changing position



# **John Bean EHP Series Tire Changers are ideal for handling passenger car, light truck and high-performance wheel/tire assemblies. EHP System V & IV now available in two-speed.**

Ergonomic design and safety enhancing features provide the technician a safe work space when changing a variety of tires. Locking of the mount/demount head offset, which provides maximum cosmetic safety for expensive wheels and significantly reduces the risk of harming wheel/tire assemblies.

## **Optional Pneumatic Bead Assist†**



### **WHEEL CENTERING DEPRESSOR**

- Provides downward pneumatic pressure on the wheel's center when clamping to move the tire bead away from the rim edge, assisting the technician through clamping

### **PRESSURE ROLLER**

- Pushes bead down, allowing the technician to position the tire tool in order to lift the bead over the mount/demount head

### **BEAD DEPRESSOR**

- Follows the tire as it rotates, positioning the bead in the wheel's drop center for faster, easier tire mounting

### **POWER LIFTING DISC**

- Lifts tire up and off the wheel flange, reducing the effort of demounting the lower bead

### **ERGONOMICALLY POSITIONED BEAD BREAKER CONTROL**

Pedal is positioned away from the bead breaker with a guard, preventing the operator from accidentally stepping on and activating it while standing next to the bead breaker

### **INTEGRATED PRESSURE LIMITER**

Stops air flow once pressure has reached 55 PSI (3.5 Bar) preventing accidental tire over-inflation

### **ADJUSTABLE FOUR-JAW CLAMP**

Self-centering nylon-covered clamps grip securely and protect the wheel

### **TWIN-CYLINDER CLAMPING**

Two powerful clamping cylinders provide uniform clamping pressure and increased power

### **EXTRA WHEEL PROTECTION**

Replaceable nylon inserts for demount heads prevent wheel scratching

### **TWO-SPEED CAPABILITY\***

The advantage of 14 RPM allows the technician faster throughput through the bay

\*EHP System V and IV models only

†Standard on EHP System V

# **JohnBean™**

# PRODUCT FEATURES & SPECIFICATIONS



## Equipment Specifications\*

### EHP System V

### EHP System IV-E

### EHP System III-E

### EHP System II-E

▪ Part Number:	EEWH517B	EEWH514BE	EEWH513BU1	EEWH512AE
▪ Two-speed part number:	EEWH554A	EEWH553AE	N/A	N/A
▪ Outer-clamping diameter range:	12" - 26"	10" - 24"	10" - 24"	10" - 24"
▪ Inner-clamping diameter range:	14" - 26"	12" - 24"	12" - 24"	12" - 24"
▪ Maximum wheel width:	16"	15"	15"	12"
▪ Maximum tire diameter:	47"	40"	50"**	40"
▪ Compressed air supply:	110-170 PSI	110-170 PSI	110-170 PSI	110-170 PSI
▪ Adjustable 4-claw wheel clamp:	Included	Included	Included	Included
▪ Integrated bead-seating jets:	Included	Included	Included	Included
▪ Pressure timer:	Included	Included	Included	Included
▪ Twin cylinder turntable clamping:	Included	Included	Included	Included
▪ Bead breaker power:	3,400 lbs @ 170 PSI	3,400 lbs @ 170 PSI	3,400 lbs @ 170 PSI	3,400 lbs @ 170PSI
▪ Bead breaker range:	Position One: 2.5" - 12" Position Two: 6" - 16.5"	Single 3" - 16"	Single 2" - 18"	Single 3" - 13"
▪ Recommended floor space:	72" (W) x 78" (D)	72" (W) x 78" (D)	67" (W) x 69" (D)	62" (W) x 70" (D)
▪ Shipping weight:	1,000 lbs	960 lbs	805 lbs	530 lbs
▪ Power requirements:	120V 1Ph 60Hz	120V 1Ph 60Hz	120V 1Ph 60Hz	120V 1Ph 60Hz
▪ Two-speed power requirements:	208-230V 1Ph 16A 60Hz	208-230V 1Ph 16A 60Hz	N/A	N/A
▪ Two-speed revolution speed:	7/14 CW & 7 CCW	7/14 CW & 7 CCW	N/A	N/A
▪ Optional Pneumatic Bead Assist Part #:	Standard	EAA0329G34B	EAA0329G33B	EAA0329G33B

\*Specifications based on OEM tires  
\*\*42" diameter when PBA is installed



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For more information regarding the  
EHP Series Tire Changers  
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