

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

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PRODUCT FEATURES & SPECIFICATIONS



Equipment Specifications*

EHP System V

EHP System IV-E

EHP System III-E

EHP System II-E

▪ Part Number:	EEWH517B	EEWH514BE	EEWH513BU2K	EEWH512BE
▪ 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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