



Consent Item

Subject: Tire Changer and Balancer Purchase

Department/Program: Public Works/Support

Explanation: In the 2024 budget we have, \$60,000 budgeted to replace a Tire Changer and Balancer. In the Fleet maintenance division of Public Works, we maintain over 75 city vehicles plus equipment. The current tire changer and balancer are in need of maintenance and are not the commercial type of equipment best suited for a maintenance operation of this size. Modot and St. Louis County fleet maintenance use this same type of equipment.

Recommendation: Staff recommends we purchase the Tire Changer and Balancer from Mohawk Lifts LLC under Missouri state contract number CC232871003.

Submitted By: Jim Link

Date: 3-19-2024

MOHAWK LIFTS

Vendor: **MOHAWK LIFTS LLC**
 PO Box 110, Amsterdam, NY 12010
HUNTER@MOHAWKLIFTS.COM
 Karly 800-833-2006 x7777



For purchase of Hunter equipment using:

Missouri State Contract #
CC232871003
Valid: 06/27/2023 - 04/13/2024

All quoted equipment has been Competitively Bid and Competitively Awarded on Missouri State Contract # CC232871003, and is Guaranteed Best government pricing. Freight, Installation, Training & Training Certificates Included @ No Charge.

CUSTOMER
City of Ballwin Public Works 200 Park Dr Ballwin, MO 63011 (636) 227-9000

QUOTE NUMBER	QUOTE DATE
Ballwin.HDE32.031424	3/14/2024
Freight Terms:	FOB Destination, Prepaid
Payment Terms:	Net 30
Lead Time:	Model Dependent
Good Through:	April 3, 2024

PART #	DESCRIPTION	QTY	LIST PRICE	CONTRACT PRICE	TOTAL
HDE32	Includes no-touch laser vision system, SmartWeight, wheel lift, Spindle-Lok, 3 centering pin kits, Diagnostic Load Roller, TDC Laser System. Mounting adaptors sold separately.	1	\$ 22,615.77	\$ 20,153.30	\$ 20,153.30
20-2765-1	BullsEye collet kit and front mounted storage for Touch balancers - Includes BullsEye collets, offset spacer 20-2711-1, 6" cup 175-392-1, storage 56-70-2, and bracket 14-1470-005. Note: incl. w/RFE, compatible with SWT HDE & SWE, NOT compatible with SWP	1	\$ 1,019.00	\$ 908.05	\$ 908.05
20-3116-1	Medium duty collet kit provides broad coverage for most medium duty applications. Does not handle the large 8 lug/8.7" bore found on some medium duty trucks. 20-3155-1 covers that application and includes 20-3116-1. Includes application chart.	1	\$ 2,265.77	\$ 2,019.07	\$ 2,019.07
TCA34R	Auto34R tire changer. 10-34" capability, Leverless toolhead with memory. Variable speed high-torque 220V motor. Press arm, simple three button control, wheel lift and mirror are standard.	1	\$ 40,293.03	\$ 31,417.57	\$ 31,417.57
20-2341-1	Kit-19.5 Adaptor. Adds clamping capability for 19.5 wheels. Suitable for TCA34/S, TC39, TC3900, TC3700, TCA28, and TC3300 Tire Changers Only.	1	\$ 403.14	\$ 314.34	\$ 314.34
RP6-G1000A87	Flange Plate Kit - For reverse wheel and top down clamping. Used for TCA34/R,TCA34/S,TCA28, TC39/3900,TC37/3700, & TC3300. Includes shaft extensions. Max diameter of 230 mm. For TCR Revolution, TCM Maverick, and TCX51CEN series tire changers use 20-3158-1	1	\$ 1,388.88	\$ 1,082.95	\$ 1,082.95

[Click here for Mohawk Lifts LLC Form W9: mohawklifts.com/w9](https://mohawklifts.com/w9)

Subtotal	\$ 55,895.28
Sales Tax (if applicable)	\$ -
TOTAL	\$ 55,895.28

NOTES:

This quotation is subject to the terms and conditions noted on the following page

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TERMS AND CONDITIONS

- 1) This order is subject to the standard terms and conditions of the above named contract and the corresponding master agreement, which are hereby incorporated by reference and accessible at www.govlifts.com.
- 2) The quoted prices have been competitively bid and awarded and are guaranteed to be the lowest government prices.
- 3) Electrical and compressed air connections to equipment are not included on this quotation. Any required concrete or electrical work is to be supplied by an outside contractor or the buyer and is not included in this quote.
- 4) All software pre-installed on, or subsequently released by Hunter for, Hunter equipment is licensed pursuant to the Hunter Engineering Company End User License Agreement ("EULA") accompanying such software. By placing an order for, purchasing, or using Hunter equipment, you acknowledge and agree to be legally bound by the EULA, which is hereby incorporated by reference.
- 5) Each party will agree to defend, hold harmless, and indemnify the other from any cost, loss, or damages of any type, including attorney fees, to the extent that they arise from the breach of the Agreement and/or willful misconduct or negligence.
- 6) The buyer is responsible for inspecting all products at the time of delivery and before signing the delivery receipt, freight bill, or bill of lading. Should the buyer determine at the time of delivery that any items are damaged or missing the buyer must note the item, discrepancy, or condition on the delivery receipt, freight bill, or bill of lading. Mohawk is not responsible for missing or damaged products when the buyer has signed the delivery receipt, freight bill, or bill of lading in good condition.
- 7) A fork truck must be supplied at the offload site to unload the equipment from the freight carriers and, if applicable, for installation.
- 8) Price does not include sales tax (unless applicable), duties, brokerage, or any other fees.
- 9) Any and all permits, licenses, fees, etc. are the buyers responsibility

DUNS: 117797939 / CAGE CODE: 8VDK6 / UEI: F9QME4G11RT5 / FEIN: 85-3221959 / SMALL BUSINESS SAM REGISTERED

STL

Bellwin, HDE32.031424

V8.23

To place your order using this quotation, please fill in the following required information:

Same a
Billing

BILLING INFORMATION

SHIPPING INFORMATION

Name: _____

Name: _____

Address: _____

Address: _____

Contact: _____

Contact: _____

Phone: _____

Phone: _____

Email: _____

Email: _____

Delivery Hours/Instructions: _____

Acknowledged and Accepted by:

Authorized Buyers Name (PRINT)

Authorized Buyers Signature

Title

Date

Phone

Email

Remit orders to:
MOHAWK LIFTS LLC
PO Box 110, Amsterdam, NY 12010
HUNTER@MOHAWKLIFTS.COM

Auto34R Tire Changer

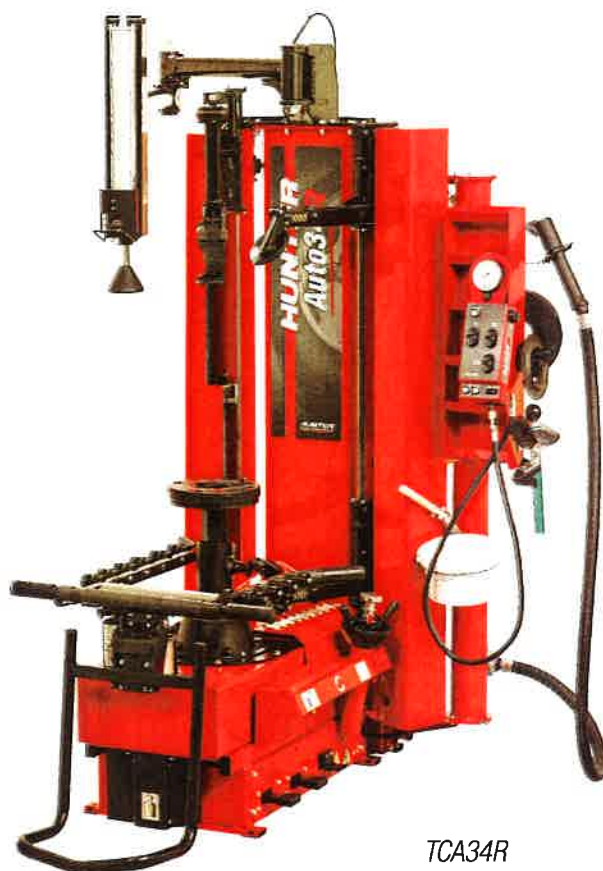
Simple operation and unmatched capability

NEW

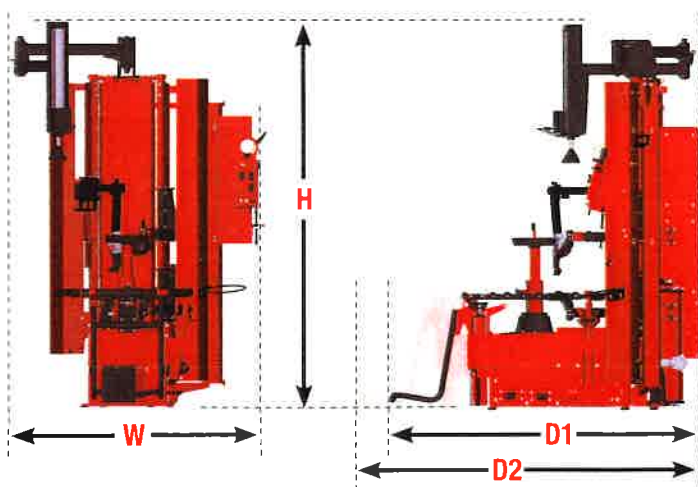


Specifications

Power requirements	208-230V, 6A, 60Hz, 1ph NEMA 20 amp plug, L6-20P
Air supply requirements	115-175 psi (8-12 bar)
Mount / demount tool	Self-inserting, polymer leverless head
Clamping type	Center w/Quick Clamp and cam plate
Bead loosening type	Upper and lower roller
Match-mounting capable	Yes
Adjustable clamping height	Yes
Rim diameter range	10-34 in.
Maximum...	
Tire diameter	65 in.
Wheel width	19 in.
Drive	Variable up to 14 rpm CW, 7 rpm CCW
Torque	867 ft-lbs (1175 Nm)
Shipping weight	1172 lbs (531 kg)
Dimensions	
Height (H)	81" (2067 mm)
Width (W)	59" (1494 mm)
Depth (D1)	65" (1651 mm) – chassis retracted
Depth (D2)	79" (2015 mm) – chassis extended



TCA34R



Because of continuing technological advancements, specifications, models and options are subject to change without notice.

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Form CB07864-00, 03/21

HD Elite Balancer

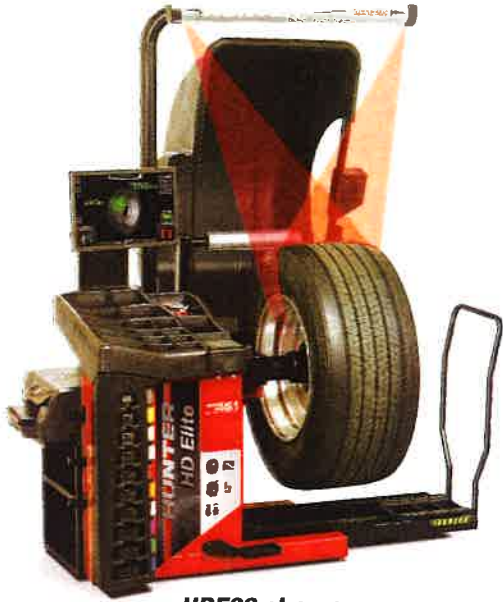
The world's #1 heavy-duty diagnostic balancer

**AUTOMATIC WHEEL
MEASUREMENTS!**

**MADE
IN USA**
HUNTER ENGINEERING COMPANY ST. LOUIS, MO



Specifications*



HDE33 shown

Power requirements

196-253V, 10 amp, 50/60 Hz, 1 ph
NEMA L6-20P plug included

Air supply requirements

100-175 psi (7-12 bar)

Capacity

Rim width

1.5 in to 19.5 in (38 mm to 495 mm)

Rim diameter

10 in to 30 in (254 mm to 762 mm)*

ALU

7.5 in to 38 in (191 mm to 965 mm)*

Max. tire diameter

52 in (1321 mm)

Max. tire width

19.5 in (495 mm)

Max. tire weight

500 lbs (227 kg)

Min. tire diameter for roller application

26 in (660 mm)

Imbalance resolution

± 0.05 oz (1.0 g)

Placement accuracy

512 positions, ± 0.35°

Balancing speed

100 rpm

Motor

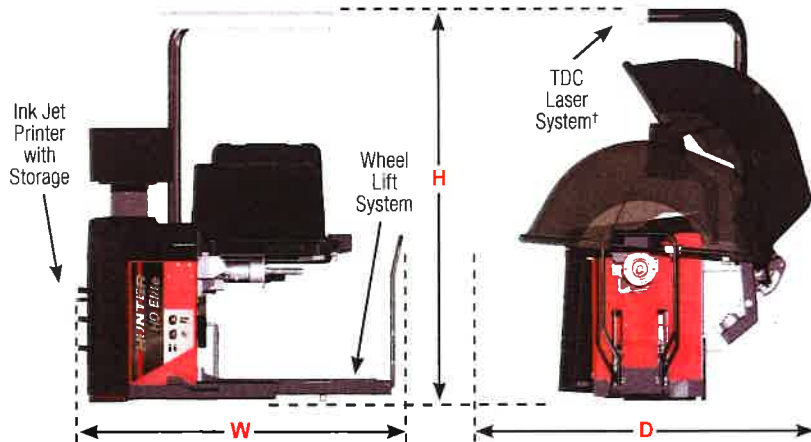
Programmable drive system and DC motor

* Extreme wheel sizes may require manual data entry.

Model Overview



	HDE33	HDE32	HDE11	HDE10
Diagnostic Load Roller	✓	✓		
TDC Laser System	✓	✓		
Ink Jet Print w/Storage	✓		✓	
Width (W)	75.75 in 1924 mm	71 in 1803 mm	75.75 in 1924 mm	71 in 1803 mm
Height (H)	88 in 2223 mm	88 in 2223 mm	80.5 in 2045 mm	80.5 in 2045 mm
Depth (D)	73.5 in 1867 mm	73.5 in 1867 mm	73.5 in 1867 mm	73.5 in 1867 mm
Weight	824 lb 374 kg	804 lb 365 kg	762 lb 346 kg	742 lb 337 kg



Because of continuing technological advancements, specifications, models and options are subject to change without notice. Printer may differ from versions shown throughout brochure images.

The HD Elite Wheel Balancer is a Class 1 laser product.

CLASS 1 LASER PRODUCT
IEC 60825-1 ed. 2 2007 USA
ENIEC 60825-1 ed. 3 2014 non-USA



Be sure to check out other Hunter literature for more quality products from Hunter Engineering.

† When equipped with the TDC system, the balancer is a Class 2M laser product.

LASER RADIATION - DO NOT STARE INTO THE BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. Viewing the laser output with magnifiers or related optical instruments within a distance of 100 mm from the laser aperture may pose an eye hazard



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