

INSTRUCTIONAL EQUIPMENT REQUEST

2021-2022



LPC ADMINISTRATIVE SERVICES - REQUISITION INFORMATION PAGE

Internal Use

IE #: 2021-15

Total \$: 19,221.37

Requester Name: James Weston/Brian Hagopian Division Name: PATH

The equipment is: A Replacement An Upgrade New Equipment/Technology

SECTION 1: EQUIPMENT DESCRIPTION

Describe the specific equipment requested and how it will be used to replace, upgrade or provide new technology to LPC from what is currently in place:

The LPC Automotive Technology (AUTO) program is requesting a new John Bean/Snap On T7800 Tire Changer.

New Equipment/Technology- While LPC AUTO has a couple Tire Changers already the T7800 is a new style of Tire Changer that has many automatic features that significantly increases user safety and decreases the chance of damaging a vehicles wheels or tires during removal and installation.

Similar to our request for a new Wheel Alignment/ADAS machine this Tire Changer will allow Professor Hagopian the ability to use his SnapOn/NC3 trainer certification to issue students a stackable credential in use of this machine.

Equipment Location Building: 800 Room: 809

Location Comments:

We have a spot on our shop floor with adequate air and electrical connections for this equipment.

SECTION 1: EQUIPMENT DESCRIPTION (continued)

If applicable, describe the legal requirement, mandate, or safety concern for purchase of this equipment, making specific reference to the legal requirement or regulation:

One of the main reasons for interest in this machine is it has a special feature that does not require the user to lift the heavy wheel/tire onto the machine to change the tire. Greatly reducing the risk of injury while lifting wheel/tire combinations that sometimes exceed 85 lbs.

SECTION 2: LPC MISSION STATEMENT AND LPC PLANNING PRIORITIES

LPC MISSION STATEMENT:

Las Positas College provides an inclusive, learning-centered, equity-focused environment that offers educational opportunities and support for completion of students' transfer, degree, and career-technical goals while promoting life-long learning.

LPC PLANNING PRIORITIES:

- ❖ Implement the integration of all ACCJC standards throughout campus structure and processes.
- ❖ Establish a knowledge base and an appreciation for equity; create a sense of urgency about moving toward equity; institutionalize equity in decision-making, assessment, and accountability; and build capacity to resolve inequities.
- ❖ Increase student success and completion through change in college practices and processes: coordinating needed academic support, removing barriers, and supporting focused professional development across the campus.

Specify how the equipment supports *LPC's Mission Statement and Planning Priorities*:

I believe that this Tire Changer supports our mission statement because it can offer our career-technical students a nationally recognized certification that could potentially lead directly to obtaining a skilled job in the automotive industry. This certification can be achieved regardless of background or prior training or educational opportunities.

For the reasons just mentioned, I believe that obtaining this equipment also supports our planning priorities. This system will allow our instructor to issue a nationally recognized certification that can be obtained by students of any background and then use that certification to obtain a skilled job in industry.

SECTION 3: EDUCATIONAL ITEMS – PROGRAM REVIEW

Specify the educational programs this equipment supports:

This equipment will support the Automotive Technology program, more specifically it will be used in our AUTO Introduction, AUTO A4 Suspension and Steering and our AUTO Lab classes primarily.

Will this equipment be a part of your upcoming Program Review or was it included last year? Please explain using the exact words from your Program Review. If not, explain why.

While this piece of equipment is not specifically mentioned in our 20-21 PR I believe Section 1, Part D, Item 3- "Building for Auto is in process" is our underlying motive for IER's for the next few years. At this time we are being advised there is no real budget allocated for new equipment to fill our new building, just basically moving our existing equipment into the new building, we plan on using the IER process to purchase things we can use now in our old building that will be shiny and new-ish for our new building in Fall 2023.

SECTION 4: TEACHING AND LEARNING

In detail describe evidence and data that equipment provides much needed benefit and enhancement to teaching beyond current capabilities.

Professor Hagopian will be able to issue yet another stackable credential (SnapOn/NC3 Wheel Service Certification) to help students become employed as skilled workers. Without this equipment he will not be able to offer this certification to his students.

Describe in detail the impact this equipment will have on learning:

This Tire Changer is not only new technology to Las Positas, but is new technology to the industry. It is very rare when an automotive training school can offer new technology before it is the standard in the industry. Students will be able to learn on this new piece of technology before many of their more veteran counterparts in the field, giving them an advantage in learning skills that will make them valuable in the workforce.

Each academic year, this equipment will impact: ¹⁰ ____ # of classes/sections ¹⁵⁰ ____ # of students

SECTION 5: OUTCOMES (SLOs)

Using your documented SLOs, specify how the equipment will enable student learning outcomes to be achieved beyond current capability.

The SLO that would most closely apply to this equipment request comes from our AUTO A4 class...

AUTOA4 - Suspension and Steering

- Upon completion of AUTO A4, the student should be able to apply steering and suspension repair safety precautions.

This equipment will give us a definite safety upgrade when students perform the common shop procedure of changing out a vehicles tires.

SECTION 6: TOTAL COST OF OWNERSHIP (FINANCIAL & SUSTAINABILITY)

What is the potential life span of the requested equipment?

15-20 years.

If new storage is needed what are the storage requirements, location requirements, and costs associated with the new equipment: (NOTE: Specific storage costs should be detailed in the “Part A: Initial Start-up Costs” section below.)

None needed.

If this equipment replaces old equipment but the old equipment will not be retired, are there on-going storage requirements, location requirements, and costs associated with the old equipment? If so, provide details.

There is nothing in place currently like this tire changer.

What will be required to maintain the equipment, such as regular servicing or upkeep? (Specific on-going costs should be detailed in the “*Part B: On-Going Annual Operating Costs*” sections below as applicable.)

This machine has some grease points that require periodic servicing. Other than that just basic cleaning and inspection from time to time.

Explain how this equipment meets or exceeds basic sustainability efforts and/or provides renewable resources to the college:

It is a robust piece of equipment designed to last at least 15-20 years with minimal maintenance.

Part A: Initial Start-up Costs

| <u>Item</u> | <u>Cost</u> | <u>Comments</u> |
|-------------------------------|-------------|-------------------|
| Equipment or Materials | 16,804.35 | |
| Taxes (9.5%) | 1,787.02 | |
| Shipping or Delivery Charge | 480.00 | Delivery+Liftgate |
| Installation Costs * | 150.00 | |
| Miscellaneous Costs: | | |
| Facilities Modifications | | |
| Operator Training | | |
| Maintenance & Repair Training | | |
| Storage | | |
| Other: ⁰ | | |
| Vendor Discount | | |
| Grand Total: | | |

\$27,136.44
\$19,221.37

Part B: On-Going Annual Operating Costs

| <u>Item</u> | <u>Cost</u> | <u>Comments</u> |
|--|-------------|-----------------|
| Annual Service or Maintenance | | |
| Estimated Parts Replacement Per Year | | |
| Outside Standardization or Calibration Costs | | |
| Storage Costs | | |
| New Supply Costs | | |
| Maintenance & Repair Labor | | |
| Licensing or Software | | |
| Other: _____ | | |
| Annual Operating Costs: | | 0 |

Indicate the source of funding for on-going annual operating costs:

Any repairs can be accommodated by our annual operating budget.

Part C: Incremental Labor Costs

OPERATOR:

Indicate the key operator: Students

Is this in their current scope of duties? Yes, after they receive training from faculty

Indicate cost to train key operator (include in Initial Start-up Costs above): 0

Indicate amount of time per month key operator will use equipment: 20 hours

MAINTENANCE & REPAIRS:

Indicate the person performing maintenance and repairs: Lab Technician

Is this in their current scope of duties? Yes

Indicate cost to train for maintenance and repairs: 0

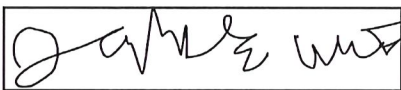
Indicate amount of time per month maintenance will be required: 20 Minutes

SIGNATURE APPROVALS

Funded requesters will be expected to respond to a brief RAC feedback survey by a requested deadline.

- *Requests for computer-related equipment and printers will be reviewed by the LPC IT Department.*

REQUESTOR




Date 9/6/21

DIVISION DEAN/MANAGER



Date 9/17/21

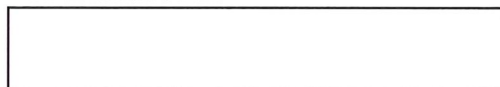
ADMIN SERVICES, VP



Date

Admin Services will route as needed

IT MANAGER



Date

M&O DIRECTOR



Date



OPEN PO
Office of Administrative Services
Requisition Request Form

(Wait 5-10s)

Reset Submit

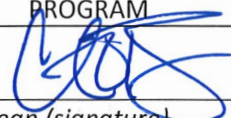
R _____ - _____

| Fiscal Year | Vendor ID # | Vendor Name | Date Required | | |
|-----------------------------|-------------|-------------------------------|-------------------------------|--------------|---------------|
| 21-22 | | Snap-on Industrial | 10/1/2021 | | |
| Deliver To | | Room # | Return Copy of Requisition To | | |
| James Weston/Brian Hagopian | | | James Weston/Brian Hagopian | | |
| Seq | Item # | Description | Qty | Unit Price | Extended Cost |
| 1 | | T7800 Certification Kit | 1 | \$ 16,804.35 | \$ 16,804.35 |
| 2 | | Freight for Snap-On Equipment | 1 | \$ 405.00 | \$ 405.00 |
| 3 | | Lift Gate for Snap-On Equip. | 1 | \$ 75.00 | \$ 75.00 |
| 4 | | Equipment Install Charge | 1 | \$ 150.00 | \$ 150.00 |
| 5 | | | | | \$ 0.00 |
| 6 | | | | | \$ 0.00 |
| 7 | | | | | \$ 0.00 |
| 8 | | | | | \$ 0.00 |
| 9 | | | | | \$ 0.00 |
| 10 | | | | | \$ 0.00 |
| 11 | | | | | \$ 0.00 |
| 12 | | | | | \$ 0.00 |
| 13 | | | | | \$ 0.00 |
| 14 | | | | | \$ 0.00 |
| 15 | | | | | \$ 0.00 |

| Comments | Subtotal | Extended Cost |
|----------|-------------------|---------------------|
| | \$ 17,434.35 | \$ 17,434.35 |
| | 0.00% Tax | \$ 1,787.02 |
| | Shipping | \$ 0.00 |
| | Total Cost | \$ 19,221.37 |

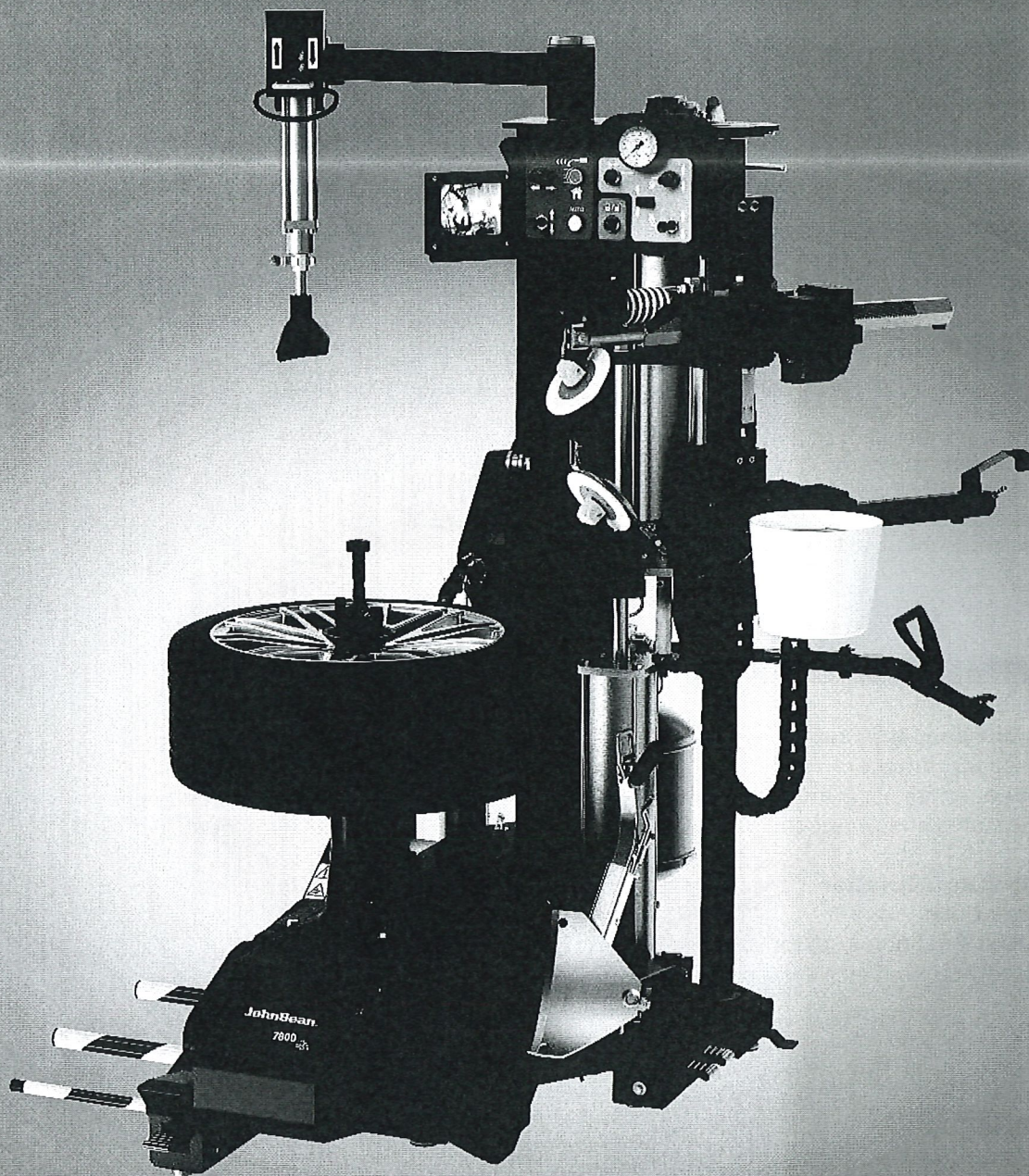
| FOAP to be Charged | % | Amount |
|---|-----|--------------|
| - - - - | 100 | \$ 19,221.37 |
| FUND ORG ACCOUNT PROGRAM | | |
| - - - - | | |
| FUND ORG ACCOUNT PROGRAM | | |

James Weston/Brian Hagopian
Requestor (print name) _____ Date _____
Coordinator/Manager (signature) _____ Date _____


Dean (signature) _____ Date 9/17/21
Kristina Whalen
Vice President (signature) _____ Date 9/22/21

| OFFICE OF ADMINISTRATIVE SERVICES USE ONLY | | |
|--|--|--|
| Reviewed: _____ Administrative Services | Verified: _____ Administrative Services Officer | Approved: _____ VP, Administrative Services |
| PO Number: _____ | Budget Transfer #: _____ | Entered: _____ |

TIRE CHANGING SYSTEMS



ALL IN ONE TIRE CHANGER

T7800 combines high productivity features with high performance.

INTRODUCING THE **T7800** PROFESSIONAL
TIRE CHANGER

JohnBean

HIGH PRODUCTIVITY **EASE OF USE** **LESS TECHNICIAN FATIGUE**

KEY FEATURES

quickLOK™

The fast and effortless automatic wheel clamping with center post design

- No wheel damage
- No jaw protection required
- No need to "push" the rim into the jaws
- No restriction on rim size
- Constant locking force
- Electromechanical lock/unlock switch on the panel

OPTIMUM BEAD BREAKER SYSTEM

Dynamic Bead Breaker

- No wheel damage
- Enhances precision and productivity with synchronized dual disks
- Adjustable pneumatic tilt disk enables easy operation with hard sidewall tires

On Floor Bead Breaker

- Ease-of-use
- Fastest bead breaking for soft sidewall and high aspect ratio tires
- Shovel actuated by a switch on the handle

powerMONT™

The innovative, fast, and easy-to-use leverless mount and demount system

FAST

- Synchronizes automatically with dynamic bead breaker position for enhanced speed
- Fast disengage and repositioning

SAFE

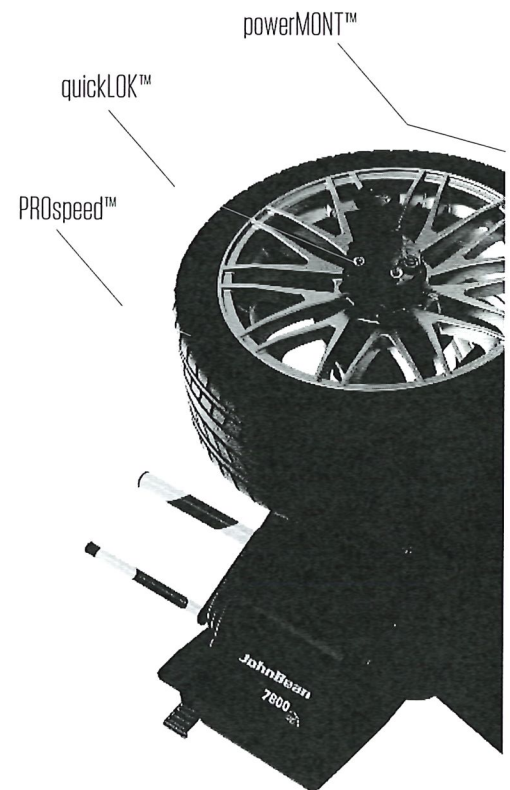
- Optimal tool design protects the bead from stress during operation
- Plastic protection avoids rim damage at all times

EASY-TO-USE

- Intuitive and simple operation control

RELIABLE

- Improved steel quality, unique design and plastic protection guarantee steady tire mount and demount





Quote

Submit to Snap-on Industrial
 3011 IL RTE 176, Door 1
 Crystal Lake, IL 60014
 877-740-1900

Quote Number IMP-000792347
Quote Date 8/4/2021
Quote Expiration Date 10/3/2021
Contact Name James Weston
Email jweston@laspositascoll
 ege.edu
Phone Number 9254241137
Customer BP 201270996
Customer Name CHABOT-LAS POSITAS
 C.C.D. ATTN: RECEIVING
 DEPT
Sales Rep Paredes, Robert F
Mobile # 408-826-1460
Email Address Robert.F.Paredes@snapon.com

Ship Via 52 - UPS FREIGHT COLLECT
Payment Terms P30 - NET 30 DAYS
Ship to 201270996
 CHABOT-LAS POSITAS C.C.D. ATTN:
 RECEIVING DEPT
 3000 CAMPUS HILL DRIVE
 LIVERMORE CA 94551
Bill to 201238479
 DO NOT MAIL DO NOT MAIL
 7600 DUBLIN BLVD
 accountspayable@clpccd.org
 DUBLIN CA 94568

| Line Number | Part Number | Description | Quantity | List Price | Unit Net Price | Line Total |
|---------------------------------|-------------|-------------------------------|----------|-------------|----------------|-------------|
| 1 | EEWH586CKT | T7800 CERTIFICATION KIT | 1 | \$16,804.35 | \$16,804.35 | \$16,804.35 |
| 2 | SOEFREIGHT | FREIGHT FOR SNAP-ON EQUIPMENT | 1 | \$1.00 | \$405.00 | \$405.00 |
| Notes: Stewart McClain 08-03-21 | | | | | | |
| 3 | SOELIFTGATE | LIFT GATE FOR SNAP-ON EQUIP | 1 | \$75.00 | \$75.00 | \$75.00 |
| Notes: Stewart McClain 08-03-21 | | | | | | |
| 4 | INSTALLIFT | EQUIPMENT INSTALL CHARGE | 1 | \$1.00 | \$150.00 | \$150.00 |
| Notes: Stewart McClain 08-03-21 | | | | | | |

Total Weight 1,259.00 lbs
Subtotal \$17,434.35
Shipping \$0.00
Tax total \$1,787.02

Grand Total \$19,221.37

Tax and freight shown are estimates.

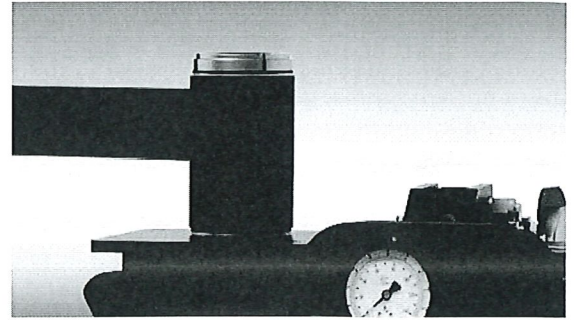
Applicable tax and freight will be charged to the Customer's account.

The sale of product is subject to Snap-on Industrial's standard terms and conditions of sale. Placement of an order is Customer's assent to these terms and conditions and Snap-on hereby objects to any additional and/or different terms which may be contained in any Customer forms or other documents. No such additional terms will be of any force or effect.

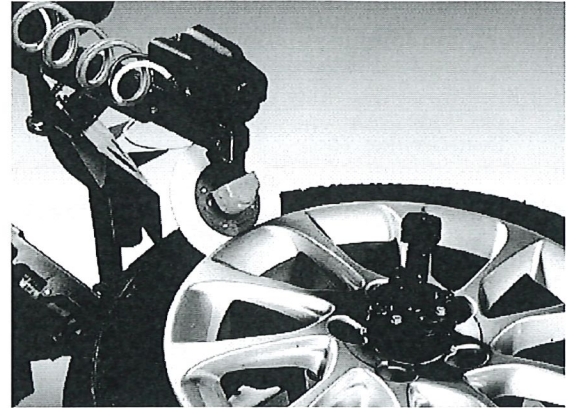
The sale of product is subject to Customer meeting Snap-on Industrial's credit approvals. Financing through Snap-on Credit LLC is available on most purchases. Ask your Sales Rep for more information.

*Please provide vendor and pricing information to customer service on this part number.

T7800 COMBINES HIGH PRODUCTIVITY FEATURES AND SAFETY IN LESS TIME.



Lower Bead Camera Viewer - assists technician during lower bead breaking operation.



Dynamic Bead Breaker - Ergonomic and easy-to-adjust system provides the best and easiest bead breaking procedure for UHP and Run Flat tires.



Top Side Bead Seater - Ergonomic nozzle injects high-speed air blast into the tire, raising the bead to seal the tire to the rim.



PROspeed™ continuously monitors torque and automatically reduces speed during critical procedures.

LOWER BEAD CAMERA VIEWER

TOP SIDE BEAD SEATER

DYNAMIC BEAD BREAKER

ON FLOOR BEAD BREAKER

STANDARD ACCESSORIES



EAA0304G16A
Lube Brush



EAA0408G33A
Plastic Tire Protector



EAA0358G85A
Bead Clamp



EAA0377G23A
Smart Bead Spacer



EAK0317G32A
Cone Kit 42-85mm
• (1) Steel Cone
• (3) Plastic Protectors



EAC0099G38A
Bead Breaker Tool



EAK0330G58A
powerMONT™
(10) Lower Tool Protector



EAK0341G32A
powerMONT™
(10) Upper Tool Protector



8-03229A
7.5 lbs Lube Bucket



EAA0304G15A
Bead Breaker Blade
Protector



EAM0058G12A
Reduction Cone
(ø64mm)



EAM0058G07A
Reduction Cone
(ø78mm)



EAC0099G40A
Reduction Cone
(ø120mm)



EAC0102G25A
Reduction Cone
(ø145mm)



EAA0440G51A
Spacer for Bead
Breaker (20mm)



EAA0440G52A
Spacer for Bead
Breaker (50mm)



EAA0440G53A
Spacer for Bead
Breaker (70mm)



EAA0364G00A
Reverse Mount Wheel Kit
• (5) 24mm cylindrical tip pins
• (5) 24mm conical tip pins



EAA0440G50A
(5) 19mm cylindrical
tip pins



EAA0349G06A
Light Truck Wheel Kit

OPTIONAL ACCESSORY



EAA0481G79A
Tool Storage

EQUIPMENT SPECIFICATIONS

- Part Number: EEWH586AUB
- Max Rim Diameter: 12" - 30"
- Max Tire Width: 15" (380 mm)
- Max Rim Width: 13" (330 mm)
- Max Wheel Diameter: 47" (1200 mm)
- Reverse Wheels (Clearance/Flange Tool) : 12" (305 mm)
- Wheel Lift Capability: 154 lb (70kg)
- Standard Power Supply: 230V 1ph 50-60hz 16A
- Air Pressure Required: 116 - 174 psi (8-12 bar)
- Footprint (W x D x H): 58" x 73" x 74" (1481 x 1863 x 1880 mm)
- Shipping Weight: 1190 lbs (540 kg)

For more information regarding the **T7800**,
call **800.362.4618 (US)** or **800.362.4608 (Canada)**
www.johnbean.com

JohnBean