



HEAVY-DUTY MAINTENANCE EQUIPMENT CATALOG

MOBILE COLUMN LIFTS • EXHAUST EXTRACTION • WHEEL SERVICE



800-562-3250 | WWW.ARI-HETRA.COM





ARI-HETRA Sharonville, Ohio



ARI-HETRA is a customer-focused company specializing in maintenance equipment for heavy-duty vehicles. We lead in safety, reliability, durability, and service. As a result, ARI-HETRA products are the best value of their kind. We support our customers with a team of skilled and dedicated employees. For over 35 years, ARI-HETRA has been the premium heavy-duty brand.

Some of the benefits we offer are:

- Safety-focused design.
- Unsurpassed dedication to quality.
- Durability for demanding environments.
- Factory-direct sales, service, & installs.
- Superior technology.

**REQUEST
SERVICE**



QUALITY

Our products are simply the finest of their kind. Each design is thoughtfully engineered to provide years of reliable operation in a simple and functional package. ARI-HETRA has accomplished this while offering the best in value to our customers.

SAFETY

Our research and development goals are to improve the safety and efficiency of every product we offer. The methods we use to meet these demands include redundant safety features, highest quality materials, and expert manufacturing craftsmanship. Our culture reflects our enduring commitment to produce the safest equipment possible. To do this, we submit our equipment to a rigorous third-party testing required by the Automotive Lift Institute.



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LIFTING SYSTEMS



WIRELESS MOBILE COLUMN LIFTS BPW SERIES

The ONLY Wireless Mobile Column Lift powered by a low friction re-circulating ball-screw for precise control and ultimate efficiency.

- Wirelessly communicates with up to 8 columns, creating a lifting system for vehicles weighing up to 144,000 lbs.
- Each column can communicate on 10 different frequency channels, allowing operation of multiple sets in the same area.
- A dependable channel-hopping feature eliminates interference caused by other radio systems.
- The ball-screw mechanism requires little maintenance and does not leak like hydraulic systems may.
- The slim design H-beam support column provides improved access around the lift.



Ball-Screw Technology



Wireless Communications



Long Battery Life



Redundant Safety System



H-Beam Support Column



Standard Wireless Lifts			
Model	Capacity Per Post	Carriage Width	Fork Length
BPW-6-M	12,000 lbs.	32.28 in. (820mm)	16 in.
BPW-6-AJ	12,000 lbs.	35.43 in. (900mm)	15 in.
BPW-9-M	16,000 lbs.	32.28 in. (820mm)	16 in.
BPW-9-AJ	16,000 lbs.	35.43 in. (900mm)	15 in.
BPW-10-AJ	18,000 lbs.	35.43 in. (900mm)	13 in.

Power (per post):

- 110V, 60Hz, 1-PH.
- 48V DC - (4) 12V Batteries.
- 3 Amps charging max.
- 8-hour charging cycle.
- 2 HP Motor.



Specialty Wireless Lifts			
Model	Capacity Per Post	Carriage Width	Fork Length
BPW-6-XXW	12,000 lbs.	48.23 in. (1,225mm)	20 in.
BPW-8-20	15,000 lbs.	31.5 in. (800mm)	
BPW-8-20W	15,000 lbs.	35.43 in. (900mm)	16 in.
BPW-9-XW	16,000 lbs.	36.61 in. (930mm)	



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CABLE BATTERY-POWERED MOBILE COLUMN LIFTS CB SERIES

Our rechargeable 48V DC system utilizes four industrial strength 12V batteries.

Direct Connection ensures safety and productivity.

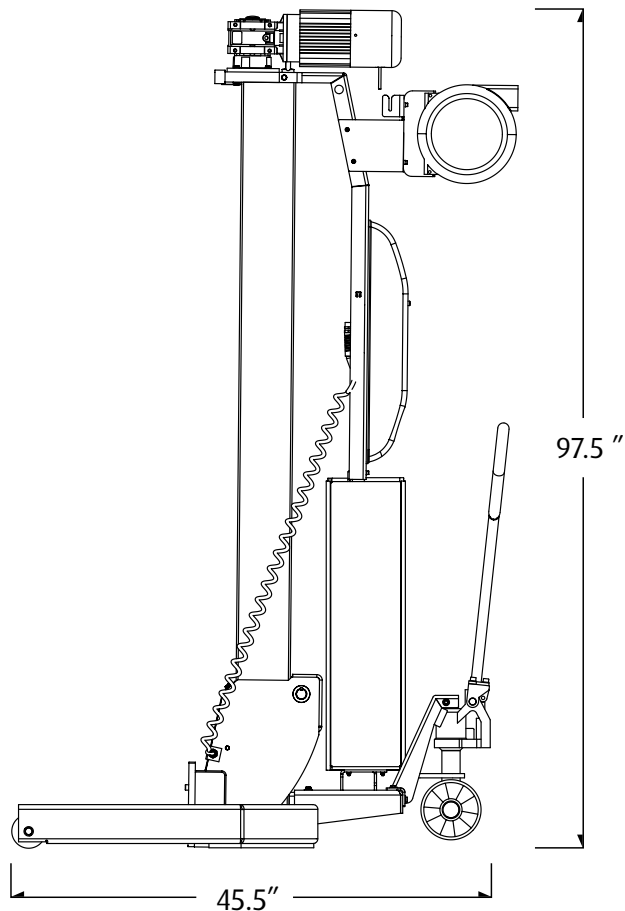
- No need to sync or reboot.
- Low downtime.
- Overload protection shuts the system down when a load is over the rated capacity.
- Quick connect cables ensure fast setup. We get you lifting faster.
- Self-contained wheels and a hydraulic jack/steering assembly for mobility.



Secure cleat system keeps cables up and out of the way for added safety and ease of use.



Standard Cable Battery-Powered Lifts			
Model	Capacity Per Post	Carriage Width	Fork Length
CB-9-M	16,000 lbs.	32.28 in. (820mm)	16 in.
CB-9-AJ	16,000 lbs.	35.43 in. (900mm)	15 in.
CB-10-AJ	18,000 lbs.	35.43 in. (900mm)	13 in.



Dimensions approximate. Sizes vary between models. Model CB-8 shown above.

Specialty Cable Battery-Powered Lifts			
Model	Capacity Per Post	Carriage Width	Fork Length
CB-8-20	15,000 lbs.	31.5 in. (800mm)	20 in.
CB-8-20W	15,000 lbs.	35.43 in. (900mm)	

Power (per post):

- 110V, 60Hz, 1-PH.
- 48V DC - (4) 12V Batteries.
- 3 Amps charging max.
- 8-hour charging cycle.
- 2 HP Motor.



Adjustable carriage available.

LINE-POWERED MOBILE COLUMN LIFTS

LP SERIES

Durable

- Engineered for years of service in demanding environments.

Tight Turning Radius & Small Footprint

- Turning radius allows maneuverability in confined shops.
- Can be stored with minimum space usage.

Solid Steel Support Column

- Thick steel H-beam (5x rated).

Advanced Controls

- Automatic synchronization keeps lifts safe and level.
- IP54 water resistant controls allow for occasional outdoor and wash bay use.

Emergency Stop Button

- Emergency switch stops system.



Easily move your lifts with a set of optional forklift pockets.



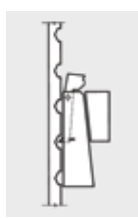
Ball-Screw Technology

- Longer life than ACME thread.
- No leaking seals like hydraulics.
- A multitude of ball bearings sealed with grease fitting ensure low friction.
- Lifetime performance.



Solid Steel Support Column

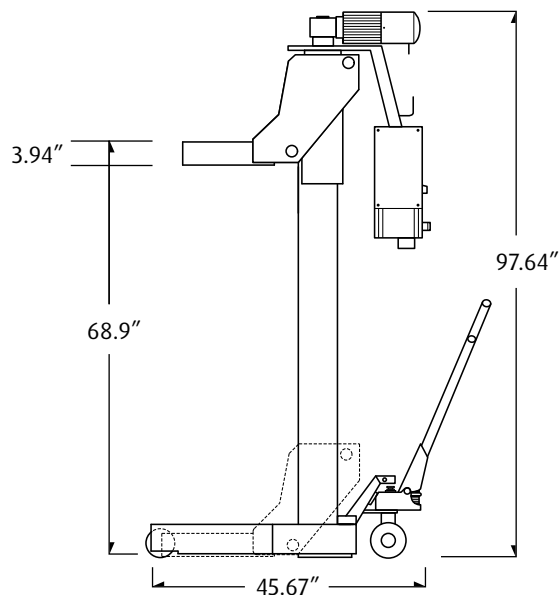
- 5 x rated capacity.
- Slim design of the H-Beam columns allow for maximum visibility around each lift.



Redundant Safety System

- Wedge-type safety device used in elevators around the world.
- Automatically locks between lifting carriage and H-beam.
- Uses downward force of load to lock in place.

Standard Line-Powered Lifts			
Model	Capacity Per Post	Carriage Width	Fork Length
LP-6-M	12,000 lbs.	32.28 in. (820mm)	16 in.
LP-6-AJ	12,000 lbs.	35.43 in. (900mm)	15 in.
LP-9-M	16,000 lbs.	32.28 in. (820mm)	16 in.
LP-9-AJ	16,000 lbs.	35.43 in. (900mm)	15 in.
LP-10-AJ	18,000 lbs.	35.43 in. (900mm)	13 in.



Dimensions approximate. Sizes vary between models. Model LP-8 is shown above.

Specialty Line-Powered Lifts			
Model	Capacity Per Post	Carriage Width	Fork Length
LP-6-XXW	12,000 lbs.	48.23 in. (1,225mm)	20 in.
LP-8-20	15,000 lbs.	31.5 in. (800mm)	
LP-8-20W	15,000 lbs.	35.43 in. (900mm)	16 in.
LP-9-XW	16,000 lbs.	36.61 in. (930mm)	

Power Options

- 208-230V 3-PH or 460-480V 3-PH.
- Power on demand.
- No battery maintenance.
- No need to sync or reboot.

Electronic Overload Protection

- Shuts system down if load exceeds rated capacity.

Safety Braking System

- Motor brake is engaged until power is applied.
- Elevator-style safety wedge.



Adjustable carriage available.

HDPL PLATFORM LIFTS

Thanks to the unique geometric configuration of our HDPL (Heavy-Duty Platform Lifts), the lifting system does not use any sliding parts. This avoids wear on pivot points.

Safety Features

- Mechanical locking device.
- Electronic sensors for auto-leveling, independent load distribution, and engagement of mechanical safeties.

Modern Design & Technology

- Components designed for reliability.
- Lifting system equipped with self-lubricating bushings.
- Use of high-performance materials and cutting-edge technologies.

Electronic Control System & LCD Display

- Height display per leg and adjustable max height limit.
- Self-diagnosis, event capture, operating hours, and incident tracking.

HEAVY-DUTY DESIGN FROM THE GROUND UP!



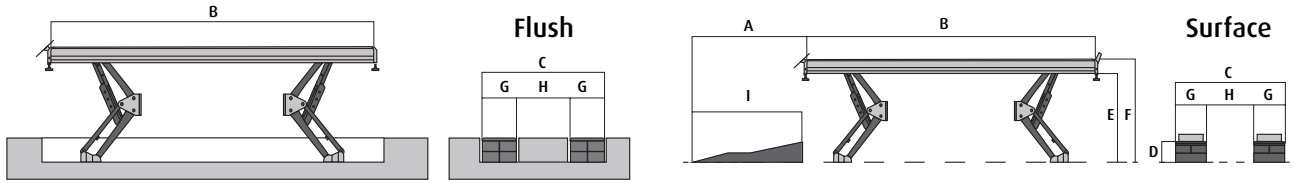
HDPL-55-33



Rolling Jacks (PLA-RJ-32 and PLA-RJ-40):

- PLA-RJ-32 capacity is 32,000 lbs.
- PLA-RJ-40 capacity is 40,000 lbs.
- Air/hydraulic.
- Rollers tucked into and protected by platform.

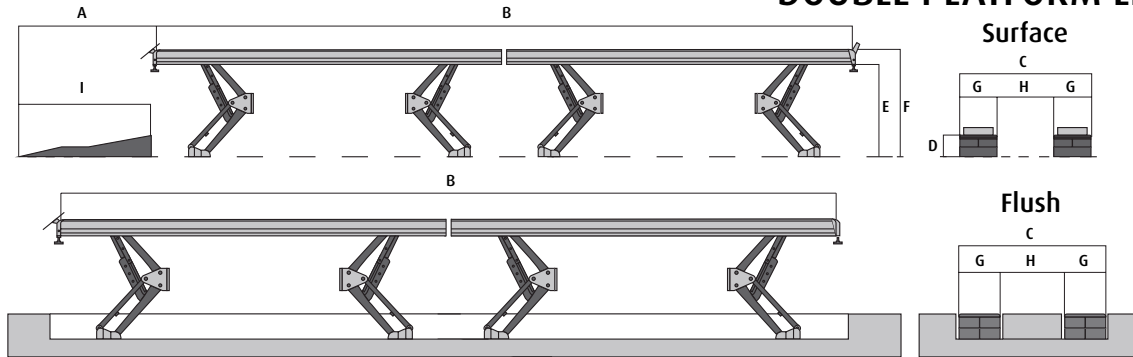
SINGLE PLATFORM LIFTS



Single	Options *	Capacity	Power	Lifting Speed	A	B	C	D	E	F	G	H	I
HDPL-55-23	F, G	55,000 lbs.	15 hp	55 in./min	110 in.	23 ft. / 276 in.	105 in.	17 in.	72 in.	84 in.	30 in.	44 in.	104 in.
HDPL-55-26	F, G					26 ft. / 312 in.							
HDPL-55-30	F, G					30 ft. / 360 in.							
HDPL-55-33	F, G					33 ft. / 396 in.							
HDPL-77-30	F, G	77,000 lbs.	15 hp	55 in./min	110 in.	30 ft. / 360 in.	105 in.	17 in.	72 in.	84 in.	30 in.	44 in.	104 in.
HDPL-77-33	F, G					33 ft. / 396 in.							
HDPL-77-42	F, G					42 ft. / 504 in.							

* F (Flush) / G (Galvanized) / 440-480V 3-PH (208-220V Available On Request)

DOUBLE PLATFORM LIFTS



■ **PLA-TANDEM** - Use each platform of a double lift independently or synchronized together.

Double	Options *	Capacity	Power	Lifting Speed	A	B	C	D	E	F	G	H	I
HDPL-110-46	F, G	110,000 lbs.	15 hp x 2	55 in./min	110 in.	46 ft. / 552 in.	105 in.	17 in.	72 in.	84 in.	30 in.	44 in.	104 in.
HDPL-110-52	F, G					52 ft. / 624 in.							
HDPL-110-60	F, G					60 ft. / 720 in.							
HDPL-110-66	F, G					66 ft. / 792 in.							
HDPL-154-60	F, G	154,000 lbs.	15 hp x 2	55 in./min	110 in.	60 ft. / 720 in.	105 in.	17 in.	72 in.	84 in.	30 in.	44 in.	104 in.
HDPL-154-66	F, G					66 ft. / 792 in.							
HDPL-154-84	F, G					84 ft. / 1,008 in.							
HDPL-154-92	F, G					92 ft. / 1,104 in.							

* F (Flush) / G (Galvanized) / 440-480V 3-PH (208-220V Available On Request)



LIFTING ACCESSORIES



LIGHT TRUCK ADAPTERS

FRLT-M & FRLT-15

Fits humvee, cargo vans, pick-up trucks, and light weight vehicles. Options available for low profile and multiple carriage widths and fork lengths.

- Quick setup and lifting.
- Optional cart.



FLAT PLATE ADAPTERS

FL-1-M-12.5, 16, & 20

Engage flat surfaces such as trailer bodies, generators, modular homes, and forklifts.

- Available in multiple carriage sizes.



REDUCTION SLEEVES

REGULAR DUTY - EP-2 & EP-2-9

- For smaller tire diameter, down to 13 in. rim size; used for lifting light trucks and passenger cars.
- Capacity of 5,000 lbs. if used individually or in pairs.

HEAVY-DUTY - EP-2-HD

- For lifting heavy-duty vehicles with smaller wheel sizes down to 13 in. diameter rims.
- Capacity of 15,000 lbs. if used individually or in pairs.



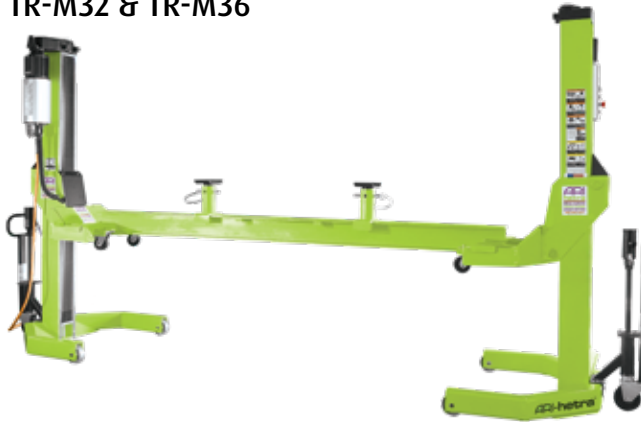
Regular Duty



Heavy-Duty

CHASSIS CROSS BEAM

TR-M32 & TR-M36



Allows operator to lift vehicles by the frame, acting like a two column lift for wheel-free access. Durable wheels make the cross beam easy to maneuver and adjustable lifting pads avoid beam interference.

SNOW PLOW ADAPTER

TR-SNOW-36

Our snow plow adapter is designed to raise trucks with side mounted snow plow wings and single or dual rear axles.



Adjustable support for cross beam.



- Capacity: 36,000 lbs. per crossbeam.
- Dimensions: 153" x 51" x 7".
- Weight: 1,450 lbs.
- Tire Diameters: 34" – 49".

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FORKLIFT LIFTING SYSTEMS

The Forklift Lifting System uses a ramp and contact pad with two mobile column lifts to gain access to the underside of short wheelbase industrial vehicles. Preventive maintenance, lubrication, repair, and parts replacement becomes easier and safer with the vehicle raised.

Safety

Non-skid rubber contact points and perforated traction ramps add to safety.



FL-OM-12 system in use.

Versatility

Use 2 posts for forklift maintenance.



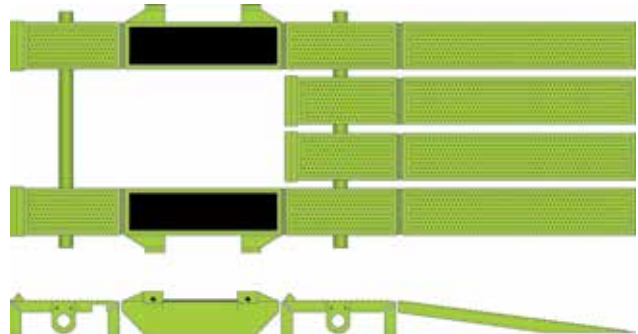
FL-SAL-4 system in use.



FORKLIFT ADAPTER

FL-3-4

- Provides stand-up under vehicle access.
- Easy to perform repairs under forklift.
- Compact design and easy storage.
- Platform attaches to mobile lift carriage.





LIFTING PLATFORM

FL-OM-12

NARROW AISLE FORKLIFT

- 10,000 lb. capacity.
- Storage cart optional.
- Raises forklifts 68 in. high.



The optional FL-OM-12-B Cross Bar (above) adds stability when lifting narrow forklifts.



LIFTING ADAPTER

FL-SAL-4

DOUBLE END-DRIVE PALLET MOVERS

- 4,000 lb. capacity.
- For forks up to 96 in.
- Raises forklifts 68 in. high.
- Includes FL-SAL-4-R ramp.



LIFTING PLATFORM

FL-RC-10-3

DOUBLE, TRIPLE, & QUAD END-DRIVE PALLET MOVERS

- 10,000 lb. capacity.
- For forks 115 in. to 144 in.
- Raises forklifts 68 in. high.

SUPPORT STANDS



ARI-HETRA's line of support stands allow you to free up your heavy-duty mobile column lift system for use on other vehicles. Each stand offers easy height adjustment and a steel quick-release pin with lanyard for added safety.



Model AB-24-04



Model AB-6-12

Model AB-6-07

Model	Capacity	Adjustment Range
AB-6-07 Small	18,000 lbs.	20 - 30 in. (2 in. steps)
AB-6-12 Medium	18,000 lbs.	28 - 46 in. (2 in. steps)
AB-6-20 Tall	18,000 lbs.	48 - 72 in. (2.75 in. steps)
AB-12-07 Small	30,000 lbs.	24 - 36 in. (2 in. steps)
AB-12-12 Medium	30,000 lbs.	28 - 46 in. (2 in. steps)
AB-12-20 Tall	30,000 lbs.	53 - 78 in. (2 in. steps)
AB-24-04 Ultra Heavy-Duty	60,000 lbs.	48 - 74 in. (2 in. steps)

TRANSMISSION JACK

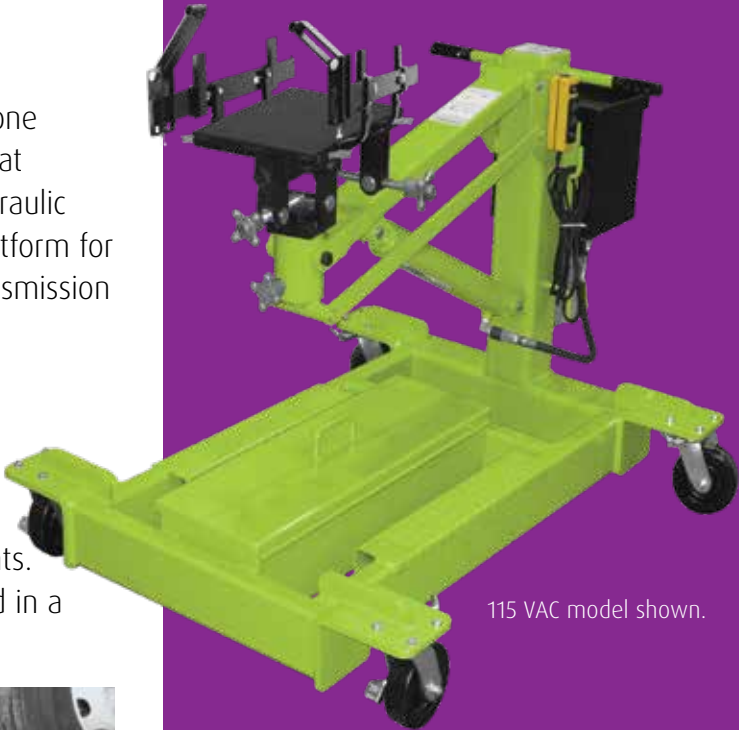
AH-2500 & AH-4000

Our heavy-duty transmission jacks are one of the safest ways to raise productivity at your shop. The single-stage electro/hydraulic transmission jacks provide a reliable platform for installing and removing almost any transmission or driveline component.

- 10-foot pendant remote control.
- Durable 6 in. lockable casters provide ease of movement.
- Universal cradle adjusts to service most heavy-duty driveline components.
- Cradle brackets and adapters supplied in a built-in tool box.



Battery-powered unit shown.



115 VAC model shown.

AH-2500-BP & AH-4000-BP BATTERY-POWERED

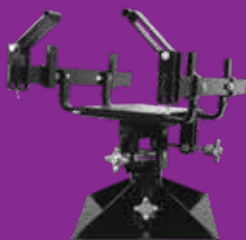
The AH-2500-BP and AH-4000-BP transmission jacks offer the flexibility of battery-powered operation and 110V charging with all the robust strength and features of our AH-2500 and AH-4000.

Lift Height		Cradle Adjustment			Locking Swivel Casters		Overall Dimensions			Head Rotation	Shipping Weight	Capacity
Low	High	Front	Back	Side-to-Side	Diameter	Quantity	L	W	H			AH-2500 / AH-4000
36 in.	71 in.	12 deg.	12 deg.	12 deg.	6 in.	4	58 in.	42 in.	71 in.	120 deg.	550 lbs.	2,500 lbs. / 4,000 lbs.

LIFTING TABLE

TT-2000

- Lifetime self-lubricating, anti-friction bushings at all pivot points.
- 115 VAC electric hydraulic pump.
- Solid steel lifting surface.
- Lockable casters provide ease of movement.
- Durable Steel construction for years of safe service.



TRANSMISSION ADAPTER

TT-2000-S

This optional adapter works with the TT-2000 for removal and replacement of transmissions and differentials.

- Adapter capacity - 2,500 lbs.
- Side-to-side rotation - 12 deg.
- Forward-aft rotation - 12 deg.
- Lift height - Adds 14.25 in.

See also: TT-2000 L (low profile)



Top Surface	Motor	Lift Height		Base Size		Locking Swivel Casters		Lifting Time	Shipping Weight	Capacity
		Low	High	Length	Width	Diameter	Quantity			
36 in. x 18 in.	3/4 HP	36 in.	72 in.	36 in.	24 in.	6 in.	4	2 sec	480 lbs.	2,500 lbs.

ENGINE HOIST

AH-09756



Our Engine Hoist is an essential lifting accessory for the heaviest components of your vehicle. Its strength, boom rotation, and spring retracting chain make it a maneuverable tool that allows technicians to work with the most space afforded to them. The lifting capacity combined with its collapsible frame for storage make it the perfect tool for any heavy-duty shop.

- Battery-powered electric hydraulic unit for freedom of movement.
- Operates by hand-held remote control.
- Spring retracting chain.
- Extension tube extends at 15 in. increments.
- Base frame collapses for tight storage area.
- T-handles take weight off wheels to aid in extending and retracting base.
- Maximum capacity - 9,000 lbs.
- 10 degree left-to-right boom rotation.



Boom Height		Base Size			Boom Rotation	Shipping Weight
Low	High	Extended	Collapsed	Width		
43 in.	145 in.	125 in.	63 in.	51 in.	10 deg.	1,700 lbs.

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HI-RISE CLUTCH JACK

AH-3000

Our hi-rise clutch jack is a smart, efficient way to remove, install, and transport heavy-duty 14 in. and 15.5 in. truck and bus clutches and flywheels.

- Full range of movement to position heavy clutches and flywheels.
- 2-stage air/hydraulic pump.
- Metered pump provides safe lowering.
- Foot pedal raises and lowers load.
- Casters provide ease of movement.
- Steel construction for years of service.
- High reach - 80 in. at clutch center point.
- Wide base with low center of gravity offers added stability.



2 in. spline shaft tilts easily by rotating precision-machined handle.

Supplied Spline Shaft	Head Rotation	Lift Height		Base Size		Locking Swivel Casters		PSI Required	Shipping Weight
		Low	High	Length	Width	Diameter	Quantity		
2 in.	360 deg.	40 in.	80 in.	41 in.	41 in.	4 in.	4	100-160	105 lbs.

WASTE OIL DRAIN

WS-WOD-26

- Pneumatic emptying.
- Drain plug for cleaning and internal inspection.
- Metal drip tray with drain filter grid.
- Oil level gauge.

Extended Height	Container Dimensions		Capacity	PSI Required	Weight
	Height	Width			
70 in.	47 in.	22 in.	26 gal.	7.2	85 lbs.



WASTE OIL DRAIN

WS-WOD-31XL

- Quick recovery of fluid using shop air.
- 6 included suction wands of various lengths and diameters.
- 8.5 in. tray height when completely lowered (including wheels).



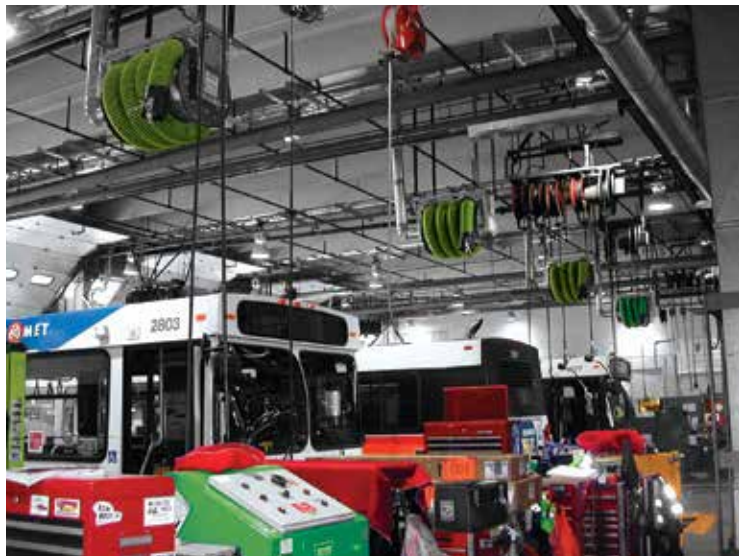
Container Dimensions		Tray Capacity	Tank Capacity	PSI Required	Weight
Height	Width				
60 in.	26 in.	13.5 gal.	32 gal.	7.2	184 lbs.

Versatile Extraction:

- Grounded vehicle (gravity).
- Lifted vehicle (gravity).
- Suction via wands.



EXHAUST EXTRACTION



KNOW THE FACTS

1 in 10

mechanics are at risk for cancer; including mesothelioma.

- The Mesothelioma Center

30

minutes of exposure causes the brain to fire stress signals, increasing Parkinson's & Alzheimer's risk.

- Particle and Fibre Toxicology

2012

is the year that Diesel Exhaust joined asbestos as a Group 1 carcinogen.

- International Agency for Research on Cancer

ARI-HETRA KEEPS IT SIMPLE

STEP 1

Pick a set-up to fit your budget and shop.

A. Mobile Cart



Lowest cost source capture system that can be moved to any bay.

B. Fixed Drop



Excellent for two bays, equip with simple hose drop, spring balancer, or hose reel to keep the work area clear.

C. Channel & Sliding Trolley



Cost effective for 3 or more bays to share 1 hose drop. Configure with options right for you; spring balancer, hose reel, etc.

STEP 2

We take the measurements and give you a custom design and quote.



ARI-HETRA Tech-Specs

STEP 3

Your choice; you install or we will for you! Existing HVAC and duct work? We can tie into any existing central control systems.

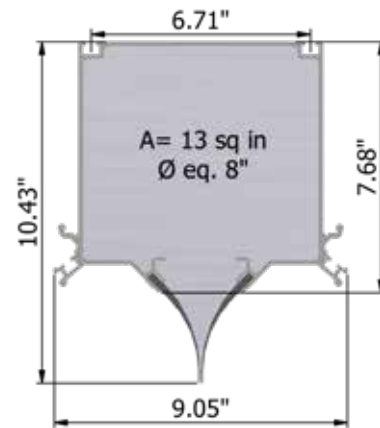
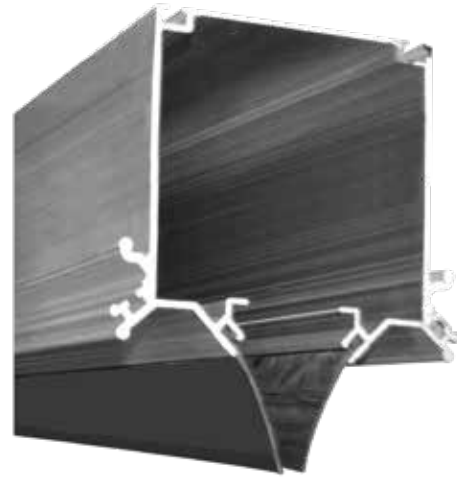


ALUMINUM CHANNEL DUCT

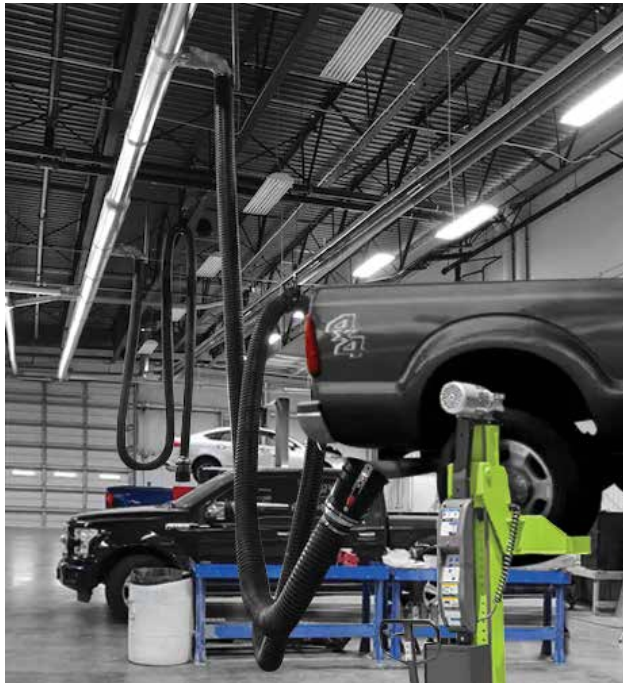
Extruded aluminum channel duct with rubber sealing lips and external rails designed for hose trolley system. Equivalent diameter of 8 in. The profile allows mounting brackets to slide across the full length of the track. Available module lengths of 3.3 ft., 6.5 ft., or 13 ft.



Hose Trolley shown on Aluminum Channel Duct.



Hose Trolley with Spring Balancer.



HOSE REELS

- Motorized or spring-loaded.
- Hose diameter from 4 in. to 8 in.
- Hose lengths up to 50 ft.
- Hose temperature options from 400 to 1,800 degrees F.
- Microswitch for automatic fan control.



Spring-loaded



Motorized with
Remote and Fan

HOSE DROPS

- Effective and economical solution.
- Spring balancer to keep hoses out of the way.
- Hose diameter up to 8 in.
- Hose temperature options from 400 to 1,800 degrees F.

TOUCHLESS ARM

The Touchless Arm is the most advanced solution for vehicle and welding fume extraction. Its adjustable inner support structure allows the outer hose to keep a steady position at all times.

Vehicle Extraction:

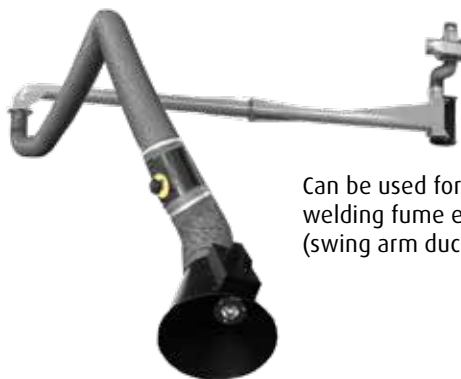
- Can be stationary or mounted to trolley.
- Holds position, eliminating the need for specialty nozzles.

Welding Fume Extraction:

- Hose diameter up to 8 in.
- Hose temperature options from 400 to 1,800 degrees F.

EXHAUST NOZZLES

ARI-HETRA has the exhaust nozzle to fit your every need, with over 50 different nozzles to choose from. Several models with C.O. probe intakes for testing. The hose connections range from as small as 3 in. up to 10 in. All nozzles have a metal screen in them to prevent debris from being pulled into the exhaust hose.



Can be used for vehicle and welding fume extraction (swing arm duct shown).



EX-GRTN-MG



EX-GRNG



EX-GRTN-EG



EX-GMN



EX-GMNCV



EX-GMNG



Optional 1.5 HP Exhaust Fan

Connection Options:

- Attached fan and hose.
- Mobile fan and hose reel cart.
- Existing extraction systems.



MOBILE HOSE REEL CART

- 25 feet of retractable hose.
- 10 feet of extension hose.
- 1.5 HP exhaust fan.
- 4 caster wheels for mobile use.



TELESCOPING EXHAUST EXTRACTION CANE

EX-999-907

- Rack and pinion height adjustability.
- Lockable 5 in. caster wheels.
- 99 in. - 153 in. height adjustment.
- Custom exhaust hood shapes available.
- 6 in. diameter steel extraction tube.
- Comes with either truck or trash truck/coach stainless steel exhaust hoods.



Top Stack Style



Trash Truck/Coach Style





WHEEL SERVICE



HEAVY-DUTY TIRE CHANGERS

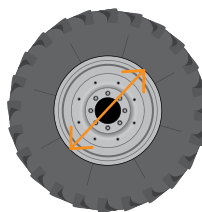
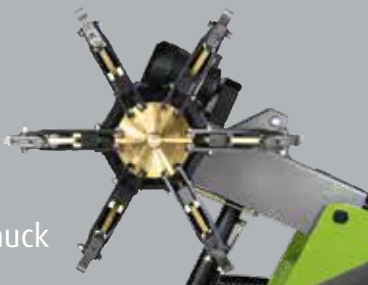
WS-19660

- 6-jaw universal chuck with two rotation speeds.
- Self-centering chuck with power regulation.
- Pivoting tool for easier bead breaking operation.
- Automatic tool arm and tool head.

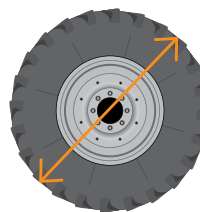
STANDARD ACCESSORIES:

- Bead breaking lever - WSA-1695300094
- Rim clamp - WSA-1695300099

6-Jaw
Hydraulic Chuck



13 - 40 in.
* 14 - 60 in.



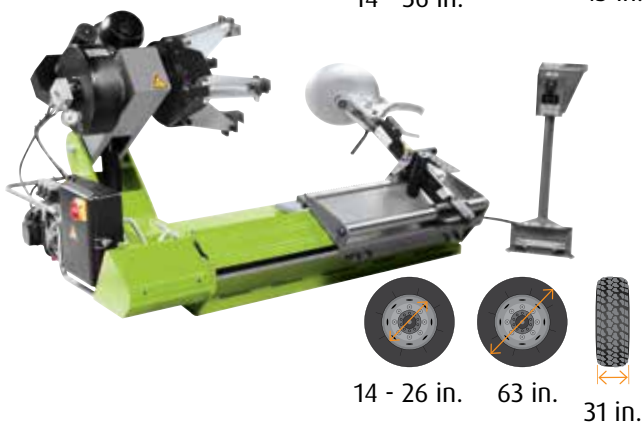
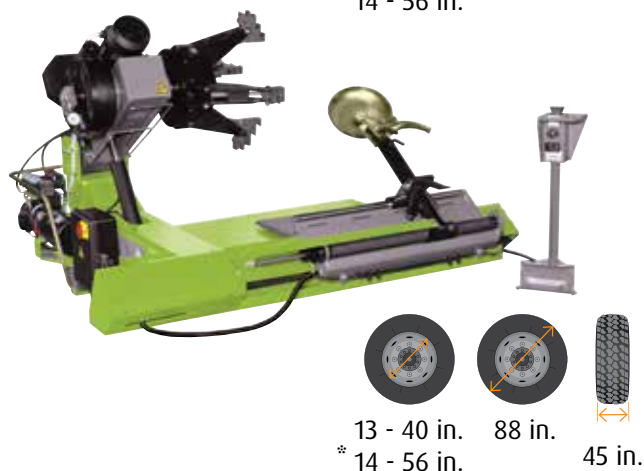
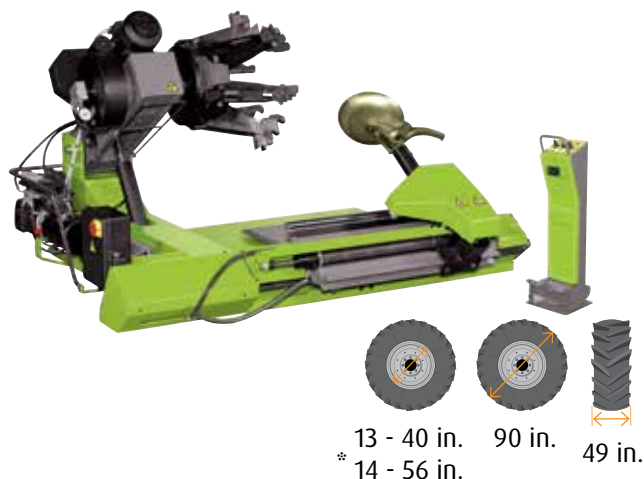
112 in.



60 in.

* with extension

Technical Data	WS-19660	WS-12650	WS-12645	WS-12630
Chuck Rotation Motor	4 - 5 HP	3 - 4 HP	3 - 4 HP	3 - 4 HP
Hydraulic Drive Motor	1.5 HP	1.5 HP	1.5 HP	1.5 HP
Rim Dia. (w/ Extension)	13 - 40 in. (14 - 60 in.)	13 - 40 in. (14 - 56 in.)	13 - 40 in. (14 - 56 in.)	14 - 26 in.
Max Wheel Diameter	112 in. (2,850 mm)	90 in. (2,300 mm)	88 in. (2,250 mm)	63 in. (1,600 mm)
Max Wheel Width	60 in.	49 in.	45 in.	31 in.
Min Clamp Diameter	3 in.	3 in.	3 in.	3 in.
Max Wheel Weight	4,500 lbs.	3,086 lbs.	2,645 lbs.	3,086 lbs.
Chuck Rotation Speeds	Double 4.5 - 9 RPM	Double 4.5 - 9 RPM	Double 4.5 - 9 RPM	Single 6 RPM
Dimensions (LxWxH)	110 in. x 106 in. x 82 in.	97 in. x 84 in. x 69 in.	98 in. x 94 in. x 69 in.	73 in. x 71 in. x 49 in.
Power	220V, 60 Hz, 3-PH	220V, 60 Hz, 3-PH	220V, 60 Hz, 3-PH	220V, 60 Hz, 3-PH



WS-12650

- Electro-hydraulic/pneumatic.
- Automatic tool arm and tool head.
- Pneumatic controlled tool arm.
- Truck, bus, tractor, agricultural, and earth-moving equipment tires.
- Wireless remote control.

6-Jaw Hydraulic Chuck



WS-12645

- Electro-hydraulic.
- Semi-automatic tool arm and manual tool head.
- Truck, bus, tractor, agricultural, and earth-moving equipment tires.
- Wired remote control.

4-Jaw Hydraulic Chuck



WS-12630

- Electro-hydraulic.
- Manual tool arm and tool head.
- Truck, bus, and super-single tires.
- Wired remote control.

4-Jaw Hydraulic Chuck



HEAVY-DUTY TIRE CHANGER

OPTIONAL ACCESSORIES & APPLICATION CHART

DP12 Pneumatic Bead Pressing Device
WSA-122201677



- WS-12660
- WS-12650
- WS-12645
- WS-12630

Chuck Extension Kit
WSA-1695301681



- WS-12660
- WS-12650

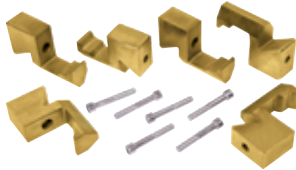
Heavy-Duty Rim Clamp
WSA-1695300099



Aluminum Rim Clamp
WSA-G90A6



Thick Rim Adapters
WSA-1695301748



- WS-12660
- WS-12650
- WS-12645

Tubeless Roller
WSP-1695300102



- WS-12660
- WS-12650
- WS-12645
- WS-12630

Center Hole Adapter 3 in. min Ø
WSA-1695301747 and WSA-1695400139



- WS-12660 - Qty 6
- WS-12650 - Qty 6
- WS-12645 - Qty 4
- WS-12630 - Qty 4

Model	Cars & Light Trucks	Trucks & Buses	LT Agricultural Vehicles	HD Agricultural Vehicles	Skidder & OTR Vehicles
Tire Changers					
WS-12630					
WS-12645					
WS-12650					
WS-12660					
Wheel Balancers					
WS-12880					
WS-12890				■ Match ■ Not For All Tire Sizes	



Color Computer Display

WS-12890



Red Letter LED Display

WS-12880

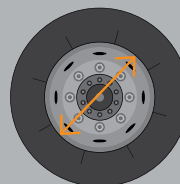
Rim Diameter	6 - 40 in.
Rim Width	1 - 20 in.
Wheel Diameter	47 in.
Wheel Width	22 in.
Max Wheel Weight	440 lbs.
Accuracy	10g Truck / 1g Car
Rotation Speed	100 RPM Truck / 200 RPM Car
Power	110V, 60 Hz, 1-PH
Dimensions (LxWxH)	80 in. x 49 in. x 74 in.
Shipping Dimensions (LxWxH)	38 in. x 75 in. x 48 in.

HEAVY-DUTY WHEEL BALANCERS

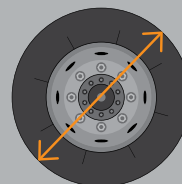
Electronic wheel balancers designed to operate on trucks, buses, cars, and motorcycle wheels.

- Truck, car, and motorcycle balancing modes.
- Efficient: Wide range of balancing programs including ALU: 4 dedicated to truck, 9 to car, 2 to motorcycle wheels.
- Menu-guided function keys for data entry and program set-up.
- Split program.
- Static unbalance optimization program.
- Pneumatic lift to ease the clamping of heavy wheels up to 440 lbs.
- Equipped with truck, light truck, and passenger car adaptors.
- Available with computer display (WS-12890).

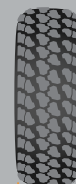
Wheel Capacity:



6 - 40 in.



47 in.



22 in.

AUTOMATIC INFLATION SAFETY CAGES

- Safe - prevents injury.
- Easy to use.



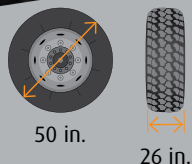
“Walk-Away” Auto Inflation Features:

- Inflates tires up to 232 PSI.
- Pressure gauge and regulator system.
- Programmable overinflation and purge cycles.
- Factory calibrated for accuracy.



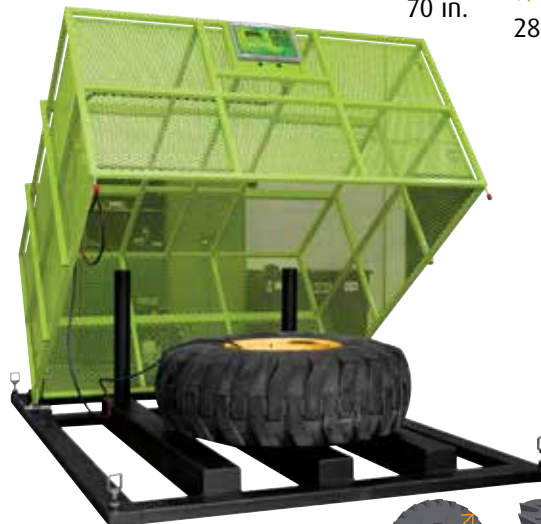
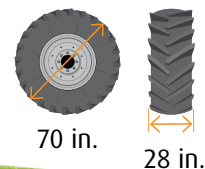
WS-35026

- Self-locking cage.



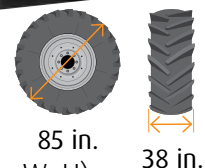
WS-35026-70

- Locking cage.



WS-35026-FE

- Fully powered cage lift.
- 139.5 in. x 91 in. x 56 in. (LxWxH)





Capacity	Dimensions (LxWxH)	Min - Max Height
45,000 lbs.	35 in. x 51 in. x 37 in.	22 - 34 in.



**MILITARY VEHICLE SHACKLE ADAPTERS
AVAILABLE AT ARI-HETRA.COM**



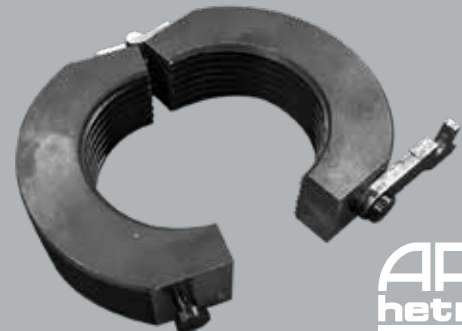
MILITARY FLOOR JACK WS-1945

Our hydraulic jack is designed to engage the shackle mounts of your heavy-duty military and construction vehicles, allowing you to raise the front and/or rear of your equipment weighing up to 45,000 lbs.

- Air over hydraulic.
- Spring-loaded casters automatically retract under load.
- Mechanical safety lock using threaded rams and collars.



WS-1945 Quick Locking Safety Collar



**ARI
hetra™**

FLOOR JACKS

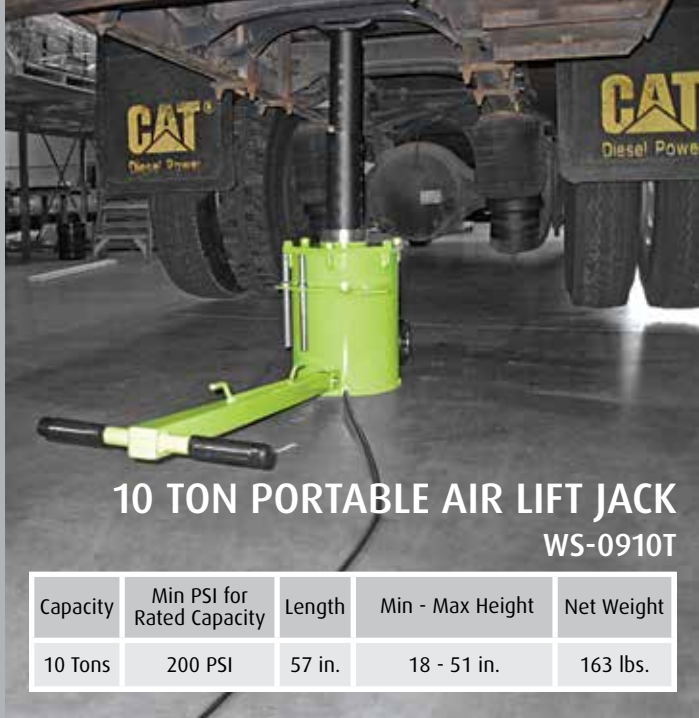
- Wheeled-base for easy handling.
- Safety device to prevent load from descending if air supply fails.
- All controls are conveniently located on handlebar.
- Multi-step lifting cylinder allows low entry height for maximum vehicle flexibility.
- Simulated lifetime fatigue testing (50-100 lifting cycles per day for over 10 years).

Compatible Accessories:

0.5 in. Extension
WSA-A02354

4.75 in. Extension
WSA-A02406

2.75 in. Extension
WSA-A02410



10 TON PORTABLE AIR LIFT JACK
WS-0910T

Capacity	Min PSI for Rated Capacity	Length	Min - Max Height	Net Weight
10 Tons	200 PSI	57 in.	18 - 51 in.	163 lbs.

Four-Step Air-Hydraulic Jack
WS-16415

Step	Capacity	Dimensions (LxWxH)	Standard Extensions	Working Air Pressure	Net Weight
1	176,000 lbs.	39 in. x 13.75 in. x 56 in.	WSA-A02354	116 - 145 PSI	170 lbs.
2	110,000 lbs.		WSA-A02406	Min - Max Height	
3	55,000 lbs.		WSA-A02410		
4	33,000 lbs.				



Three-Step Air-Hydraulic Jack
WS-19101

Step	Capacity	Dimensions (LxWxH)	Standard Extensions	Working Air Pressure	Net Weight
1	176,000 lbs.	44 in. x 15 in. x 61 in.	WSA-A02354	116 - 174 PSI	227 lbs.
2	110,000 lbs.		WSA-A02406	Min - Max Height	
3	55,000 lbs.		WSA-A02410	12 - 33 in.	

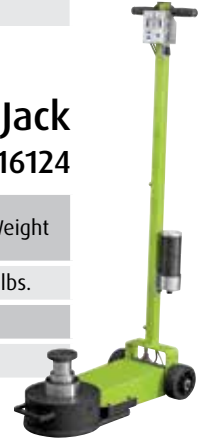


Three-Step Air-Hydraulic Jack WS-16236

Step	Capacity	Dimensions (LxWxH)	Standard Extensions	Working Air Pressure	Net Weight
1	132,000 lbs.	39 in. x 14 in. x 56 in.	WSA-A02354	116 - 145 PSI	150 lbs.
2	66,000 lbs.		WSA-A02406	Min - Max Height	
3	40,000 lbs.		WSA-A02410	7 - 16.5 in.	

Three-Step Air-Hydraulic Jack WS-16124

Step	Capacity	Dimensions (LxWxH)	Standard Extensions	Working Air Pressure	Net Weight
1	132,000 lbs.	26 in. x 12 in. x 54.5 in.	WSA-A02354	116 - 145 PSI	110 lbs.
2	66,000 lbs.		WSA-A02406	Min - Max Height	
3	40,000 lbs.		WSA-A02410	4.75 - 10 in.	



Two-Step Air-Hydraulic Jack WS-16300

Step	Capacity	Dimensions (LxWxH)	Standard Extensions	Working Air Pressure	Net Weight
1	88,000 lbs.	20.5 in. x 11.75 in. x 55 in.	WSA-A02354	116 - 145 PSI	101 lbs.
2	44,000 lbs.		WSA-A02406	Min - Max Height	
			WSA-A02410	8.5 - 18.25 in.	

Two-Step Air-Hydraulic Jack WS-16215

Step	Capacity	Dimensions (LxWxH)	Standard Extensions	Working Air Pressure	Net Weight
1	88,000 lbs.	20.5 in. x 11.75 in. x 55 in.	WSA-A02354	116 - 145 PSI	90 lbs.
2	44,000 lbs.		WSA-A02406	Min - Max Height	
			WSA-A02410	6.5 - 13.5 in.	



HEAVY-DUTY KING PIN PRESS WS-KPP143

Press out steering knuckles, king pins, and spring pin bushings on trucks and buses. Front wheels, adjustable press frame, pneumatic lift, and return stroke make it easy to maneuver and set up around all potential obstacles.



Compression	143,000 lbs.
Clearance Between Puller Bolts	12 in.
Max Clearance Height	19 in.
Stroke	4.75 in.
Pressure	6,091 PSI
Air Supply	188 PSI



ON-VEHICLE DISC BRAKE LATHE WS-BL44 & WS-BL44-T (TALL VERSION)



Max Rotor Diameter	19.5 in.
Min Rotor Diameter	4.75 in.
Max Rotor Thickness	2.5 in.
Spindle Speed	35 - 90 RPM
Motor Power	2 HP
Power	220V, 60 Hz, 1-PH



Optional Accessories:



WSA-AA0251
10 x 335 mm



WSA-AA0061
8 x 275 mm



WSA-AA0062
10 x 287 mm



WSA-AA0265
6 x 205 mm



WSA-AA0275
6 x 245 mm



WSA-AA0077
5 x 203 mm



WSA-AA0078
5 x 130 mm



WSP-COUT0012

Other adapters and custom sizes available.

BRAKE DISCS, DRUMS, & FLYWHEEL LATHES WS-BL2000



Spindle Rotation Speed	10 - 120 RPM
Min - Max Drum Turning Dia.	9.4 - 33.5 in.
Min - Max Disc Turning Dia.	0 - 20 in.
Spindle Axle Speed	20 - 120 RPM
Spindle Motor Power	2.5 HP
Total Power	3 HP
Overall Dimensions (LxWxH)	56 in. x 72 in. x 58 in.
Weight	1,697 lbs.
Power	220V, 60 Hz, 3-PH



BRAKE MAINTENANCE TOOLS

The ARI-HETRA caliper and hub remover allows one mechanic to quickly and safely service vehicle brake assemblies, reduce manual lifting, and save money.



BRAKE CALIPER JACK: WS-18-BC

- When used with hub remover, it helps remove and replace hubs and calipers.
- Locks caliper in place while pulling.
- Quickly dismantled for easy storage.
- Comes with WSA-8806 and WSA-8807 adapters and WSA-8811 extension bar.

Optional WS-18-BC Accessories:



BRAKE HUB REMOVAL JACK: WS-18-HR

- 1,100 lbs. of lifting power.
- 6 in. heavy-duty wheels make movement around the workshop safe and easy.
- Safe removal and replacement of wheel hubs.
- Pneumatic Brake Hub Removal Jack available for quick lifting and lowering.

WS-18-HR Accessories:

** included with product*



WSA-9319 Drum Adapter
(WSA-9509 Ratchet Strap Not Shown)



*WSA-9316 Over Road
10 Stud Adapter



WSA-9315 Briggs
10 Stud Adapter



*WSA-9307
10 Stud Adapter



WSA-9317 IVECO
6 Stud Adapter

Tall and Pneumatic Versions Also Available!



WS-18-BC-T



WS-18-HR-T



WS-18-HR-P

HUB AND ROTOR SPLITTER

WS-21-SPLITTER



The Hub and Rotor Splitter has three hydraulic cylinders, that are individually adjustable, using 66,138 lbs. of force to separate the most stubborn fused hub and rotor assemblies.



WHEEL DOLLIES

WS-AH20330 & WS-AH20440

Our wheel dollies eliminate the need for mechanics to physically lift heavy wheels, reducing the risk of back injuries.

- Lift arms with rollers allow rotation of wheels for easy bolt pattern alignment.
- For grounded vehicles or at lifted height.
- Model WS-AH20330 is manual and the WS-AH20440 is air over hydraulic.



Lift Height		Fork Adjustment		Overall Dimensions			Shipping Weight	WS-AH20330	WS-AH20440
Low	High	Min	Max	L	W	H			
0 in.	36 in.	16 in.	26 in.	47 in.	46 in.	56 in.	450 lbs.	Manual	Air

ELECTRO-HYDRAULIC PRESS

HDEP SERIES

Our high-quality, versatile, and powerful electro-hydraulic presses are built specifically for the extreme needs of the heavy-duty industry.

- Solid steel construction.
- Chrome-plated steel ram.
- Automatic return hydraulic ram.
- Safety cylinder lock.
- Pressure gauge.
- 3-position handle (up/neutral/down).
- Winch for adjustable worktable.
- Less than 70 decibel operating noise.
- 3-Phase Motor 220/440V 60Hz.

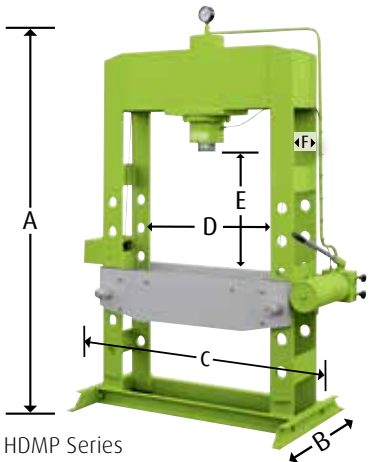
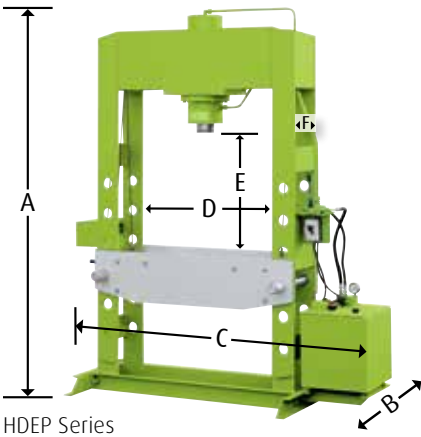
TWO-SPEED MANUAL PRESS

HDMP SERIES

Our HDMP series offers the best value in high-quality, versatile heavy-duty presses.

- Powerful two-speed hand pump.
- Solid steel construction.
- Pressure gauge.
- Chrome-plated steel ram.
- Winch for adjustable worktable.

**PRESS ACCESSORIES ARE
AVAILABLE AT ARI-HETRA.COM**



Model	Capacity	A"	B"	C"	D"	E"	F"	Ram Stroke	Fluid Capacity	Ram Speed
HDEP-33	33 Tons	79	24	63	28	39	7	10 in.	2.5 qt.	12 IPM
HDEP-44	44 Tons	82	34	62	31	45	8	10 in.	2.5 qt.	12 IPM
HDEP-55	55 Tons	82	34	62	31	45	8	10 in.	2.5 qt.	8 IPM
HDEP-77	77 Tons	87	35	69	35	44	10	12 in.	4.75 qt.	10 IPM
HDEP-110	110 Tons	89	35	76	40	42	11	12 in.	4.75 qt.	7 IPM
HDMP-33	33 Tons	79	24	51	28	39	7	7.5 in.	N/A	N/A
HDMP-44	44 Tons	83	34	56	31	45	8	7.5 in.	N/A	N/A
HDMP-55	55 Tons	83	34	56	31	45	8	7.5 in.	N/A	N/A
HDMP-77	77 Tons	88	35	62	34	45	10	8 in.	N/A	N/A
HDMP-110	110 Tons	90	35	68	40	42	11	8.5 in.	N/A	N/A

* IPM = Inches Per Minute



ARI-HETRA ON CONTRACT

ARI-HETRA has partnered with many entities to establish pre-competed contract pricing on our full line of heavy-duty equipment. These contracts help simplify and expedite the procurement process for all federal, state, and local government purchasing agencies.



U.S. General Services Administration
Contract #: **GS-07F-291AA**



Purchase directly through GSA Advantage!®
www.gsaadvantage.gov



Purchase directly through FedMall
www.dla.mil/Info/FedMall/



National Cooperative Purchasing Alliance
Contract #: **05-57**



BuyBoard Purchasing Cooperative
Contract #: **715-23**



Houston-Galveston Area Council
Contract #: **FL03-21**



California Multiple Award Schedule
Contract #: **4-13-56-0053A**



State of Ohio Contract
Contract #: **RS900921-3**



Virginia Sheriffs' Association (VSA)
Contract #: **24-05-0713** (Heavy Equipment)



NYS Contract Award - Group 35000 PGB-23243
Contract #: **PC69414**



Florida Sheriffs Association Cooperative
Contract #: **FSA23-EQU21.0** (Heavy Equipment)



NJ Start Contract Award - M4009
Contract #: **22-FLEET-01981**



Sourcewell Cooperative Purchasing
Contract #: **013020-ARP**



NASPO ValuePoint
Contract #: **CW7252**



HEPP - Heavy Equipment Procurement Program
Contract #: **SPE8EC21D0085**

Call 800-562-3250
for more information on your specific contract



HEAVY-DUTY PLATFORM LIFTS

HEAVY-DUTY DESIGN FROM THE GROUND UP! ARI-HETRA.COM/HDPL



800-562-3250 | WWW.ARI-HETRA.COM

OUTSIDE USA: 513-229-3750 | FAX: 703-359-6405 | 11163 WOODWARD LN, SHARONVILLE, OH 45241

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