



5280



## OTC 5280 Diesel Particulate Filter Cleaner

The Diesel Particulate Filter (DPF) Cleaner was designed with shop service in mind. The cleaning process allows the DPF to be cleaned as part of a general maintenance schedule at the service location with minimal time away from the vehicle. It's portability allows the unit to be placed as close to the vehicle as possible and to be stored wherever needed in the service facility.

### DPF Cleaner Features

- OE tested and Dealer recommended – By many major diesel engine manufacturers.
- Robust design – For long shop life. Can be used as part of a preventative maintenance program.
- High Pressure cleaning process for thorough cleaning of ash from DPF – produces 10 times the burst energy of competitive low pressure units.
- Initial Burst Quick check – To identify filters too plugged for proper cleaning.
- Movable with locking wheels – For placement throughout the shop.
- Computer Controlled Process Based on OE Requirements – for “Start to End” cleaning without constant technician monitoring.
- Containment of hazardous ash – For easy disposal.
- HEPA Filter Air Exhaust System – To exceed environmental air standards for shop.
- Operates on standard 115V outlet.
- Proven to clean to over 92% efficiency. <sup>(3)</sup>

<sup>(3)</sup> Third-party OEM test results using pin gauge measurement with approved SPX adapters and burst cycles. Actual results may vary.

### DPF Cleaner Part Numbers:

**No. 5280** OTC Diesel Particulate Filter (DPF) Cleaner

#### Includes the following items:

- No. 535936** Small Cone
- No. 543887** Medium Cone
- No. 543885** Large Cone
- No. 553913** CAT Adapters
- No. 553915** Cummins Adapters



535936

543887

543885

### Upgrade kits for other OEM's are sold separately:

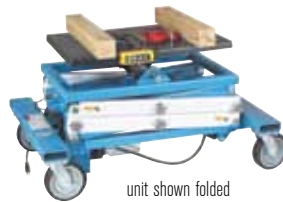
- No. 556889** Detroit Diesel Upgrade Kit
- No. 553990** UD TRUCK (with Hino Engine) Upgrade Kit
- No. 553991** Isuzu Upgrade Kit
- No. 553993** Volvo/Mack Upgrade Kit
- No. 558181** Navistar Upgrade Kit\*

\* Requires use of 5281 DPF Thermal Processing Unit.

## OTC 5281 DPF Thermal Processing Unit

Designed to facilitate the cleaning of dirty filters – especially those with high amounts of wet soot, and unburned hydrocarbons.

- Pre-programmed thermal profile controls temperature ‘ramp up’ and ‘cool down’ to protect the DPF from thermal shock, reducing the risk of cracking the DPF.
- Includes both standard cycle and “pre-treat” cycle for oil-soaked filters.
- Holds temperature constant for two hours to ensure complete regeneration of filter.
- Built-in electronic safety lock prevents unauthorized opening of the door when temperatures exceed 200 degrees F.
- Large chamber accommodates various DPF sizes and shapes. Front access door allows for easy access to the thermal chamber.



unit shown folded

## 2,500 lb. Capacity Power Train Lift

This lift will handle engine and transmission assemblies, gas tanks, drive axle assemblies, engine/transaxle assemblies, electric bus batteries, and more.

- Scissors-type design allows access to all four sides of a component.
- Powered by a quiet, 110V electric/hydraulic pump.
- Smooth, steady lifting and lowering motion controlled by hand-held remote.
- Two independent adjusting screws tilt the table  $\pm 15^\circ$  side-to-side, or fore and aft.
- Larger casters accommodate heavy loads.
- A 30 ft. long retractable extension cord is mounted to the frame.
- Minimum height is 29" with an 80" maximum height. The footprint is 31" x 50", tilt table is 20" x 32".

**No. 1595** 2,500 lb. Capacity Lift.

## 1,250 lb. Power Train Lift

- Compact design and swivel casters for easy maneuverability.
- Comes with tilting plate. Height range is 29-1/2" to 68-1/2".
- Operated by air/hydraulic pump.

**No. 1585A** Power Train Lift with Tilting Plate.



## 2,000 lb. Capacity High-Lift Transmission Jack for Trucks and Buses

- Low height of 41-1/2" allows transmission to be rolled out from under vehicle's frame.
- Foot-operated air pump enables the operator to effortlessly raise the transmission into place.
- Rugged, heavy wall tubing and oversized base for stability.
- A dedicated adapter for Allison 500- and 600-series automatic transmissions is included.
- Covered by OTC Lifetime Marathon Warranty<sup>®</sup>.

**No. 5078** 2,000 lb. Capacity High-Lift Transmission Jack.



## Truck Clutch & Flywheel Handler

- Replaces 14" & 15-1/2" clutch assemblies weighing up to 250 lbs.
- 13" low point enables access below side faring.
- Linkage raises load from horizontal to vertical position.
- 360 degree swivel head.
- Covered by OTC Lifetime Marathon Warranty<sup>®</sup>.



- No. 5018A** Truck Clutch & Flywheel Handler.
- No. 516160** Optional flywheel handling attachment.
- No. 515686** Optional splined shaft, 1-3/4" dia. with 1-1/4" pilot.
- No. 516159** Optional splined shaft, 1-3/4" dia. with 1" pilot.

## Truck Clutch & Flywheel Handler

- Handles 14" and 15-1/2" clutch assemblies weighing up to 150 lbs. Lifting range of 9" to 37". Swivel casters provide easy maneuverability. Includes a 2" spline shaft with a 1-1/4" pilot to aid in alignment.

**No. 5015A** Truck Clutch & Flywheel Handler



## 1,000 lb. Capacity High-Lift Transmission Jack

- Air-assist first stage for speed; second stage is hydraulically actuated for precision.
- Four ratcheting brackets adjust to fit a wide range of transmissions.
- Height range is 34-1/2" to 75". Maximum tilt is 50° forward to 20° backward and 10° to either side.
- Covered by OTC Lifetime Marathon Warranty®.

**No. 1728** 1,000 lb. Capacity High-Lift Transmission Jack.



## 2,200 lb. Capacity Truck Transmission Jack

- Low profile of 8".
- Lift range: 8-1/4" to 36-1/2".
- Swiveling, hydraulic pump handle and fast-acting pump.
- Special mounting adapter fits Eaton® Fuller® RoadRanger® and Rockwell® heavy-duty transmissions.
- Covered by OTC Lifetime Marathon Warranty®.

**No. 5019A** 2,200 lb. Capacity Truck Transmission Jack.



- No. 528150** Eaton® "Lightning" adapter. Used with the No. 5019A transmission jack.
- No. 543284** Roadranger transmission Model series FRO-11210C to FRO-18210C that is equipped with an internal cooler. Used with the No. 5019A transmission jack.
- No. 553516** Differential Mounting Adapter. Mounts easily using existing bolt patterns. Fits the most common differentials currently in use on Category 7 and 8 Heavy Duty Trucks. Including: Eaton, Fuller, Rockwell, Meritor, Spicer, International, and Mack. For use on OTC 5019A / 5078 and Stinger 1522A Transmission Jacks. Wt., 33 lbs., 4 oz.



## 10-Ton Capacity Lifting System

- Mobile, tandem system is air-operated. This will handle your class 7 and 8 tractor lifting needs. No need to waste time re-blocking and making additional lifts for the clearance you need for under-vehicle service. Roll the system to the vehicle anywhere in the shop or outside on a level surface.
- Unique design provides lift from the tires, not the frame or axle members. Ideal for situations where limited ground clearance or a lack of clear access complicates lifting.
- Single controller operates both sides of the system for a smooth, level lift up to two full feet from the bottom of the tires to the ground. Units can double as support stands when retention pin is inserted.
- Covered by OTC Lifetime Marathon Warranty®.

**No. 1520** Lifting System. Includes two lifts.



## 10-Ton Air Lift

- Adjustable lifting saddles and an extra-wide stance for extra stability.
- 10 tons of lift at 200 PSI air pressure.
- Lifting range is 13" to 52".
- Automatic mechanical safety catch engages in five height positions.
- Two large swivel casters and pneumatic tires make it easy to maneuver, even on loose gravel.
- Covered by OTC Lifetime Marathon Warranty®.

**No. 1590** 10-Ton Air Lift.



## 10-Ton Combination Air Lift & Support Stand

- Height range of 16-1/8" to 49-1/4".
- Removable handle and 8' air hose.
- Covered by OTC Lifetime Marathon Warranty®.

**No. 1591A** 10-Ton Air Lift/Support Stand.

## 6- & 10-Ton Capacity Air/Hydraulic Service Jack

- Huge steel front wheels are mounted in bearings for trouble-free service life. Rear swivel casters make spotting the jack easy.
- Spring-loaded handle can be locked in three positions.
- The No. 5110 can also be operated manually when shop air is unavailable.
- Covered by OTC Lifetime Marathon Warranty®.

**No. 5106** 6-Ton Air/Hydraulic Service Jack. Lifting range 6-3/4" to 25", reach 87", 45" handle.

**No. 5110** 10-Ton Air/Hydraulic Service Jack. Lifting range 6-1/2" to 26-5/8", reach 93", 46" handle.

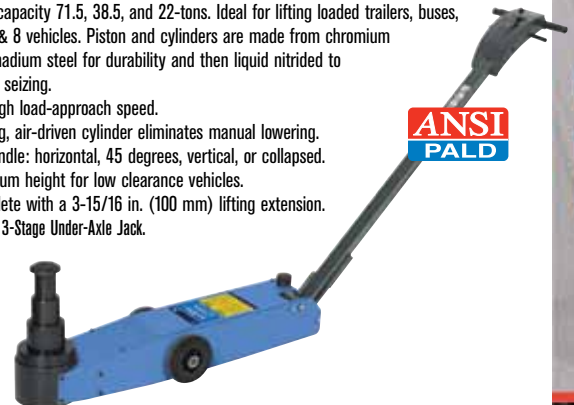


## 3-Stage Under-Axle Jack

Three-stage lift capacity 71.5, 38.5, and 22-tons. Ideal for lifting loaded trailers, buses, & other Class 7 & 8 vehicles. Piston and cylinders are made from chromium molybdenum vanadium steel for durability and then liquid nitrided to prevent rust and seizing.

- Features a high load-approach speed.
- Self-retracting, air-driven cylinder eliminates manual lowering.
- 4-position handle: horizontal, 45 degrees, vertical, or collapsed.
- 7-inch minimum height for low clearance vehicles.
- Comes complete with a 3-15/16 in. (100 mm) lifting extension.

**No. 5093A** 3-Stage Under-Axle Jack.



Heavy-Duty Lifting

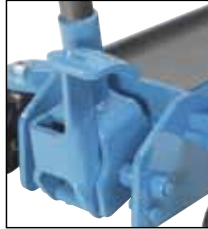
OTC



5206 shown



Built-in tray for fasteners and tools.



Foot pedal for quick approach of the lifting saddle to load.



Polyamide wheels are superior to cast wheels due to their high mechanical strength and durability.

## 2-, 3-Ton Service Jacks

Unique, innovative design featuring...

- Ergonomic handle for user comfort and easy mobility.
- CE marked ASME/PALD tested.
- Polyamide wheels are superior to cast wheels due to their high mechanical strength and durability: – Demonstrate exceptional resistance to wear and tear. – Will not damage garage floors, do not rust, and are quiet in operation.
- Foot pedal for quick approach of the lifting saddle to load.

**No. 5200** 2-ton Service Jack. Height Min. 1-7/8", Max. 20-1/2".

**No. 5202** 2-ton Service Jack. Height Min. 3", Max. 18-1/4".

**No. 5203** 3-ton Service Jack. Height Min. 5-1/2", Max. 20-3/4".

## 6-, 10-Ton HD Service Jacks

**No. 5206** 6-ton HD Service Jack. Height Min. 6-11/16", Max. 22-13/16".

**No. 5210** 10-ton HD Service Jack. Height Min. 7-5/8", Max. 14-15/16".

## Oil Filter Crushers

### 10-Ton Air-Operated Oil Filter Crusher

- Crushes up to four automotive filters at one time, in just 20 seconds.
- 100% air operation eliminates electrical connections. The generous size crushing chamber (9" high) easily accommodates the largest automotive spin-on filters on the market.

**No. 1821** 10-Ton Air-Operated Oil Filter Crusher.



### 25-Ton Automotive Air/Hydraulic Oil Filter Crusher

- Crushing time is 49 sec. (9 CFM at 100 p.s.i.)
- Automatic cycle feature lets you load the filter, push a button, and walk away.
- Removes up to 95% of the oil from a pre-drained filter.

**No. 1896** 25-Ton Automotive Air/Hydraulic Oil Filter Crusher.



## 10-Ton Portable Hydraulic C-Frame Press

- Weighing less than 28 lbs, this durable press is portable for various applications, i.e., roadside maintenance services, industrial applications, marine, general automotive.
- For clamping, pressing and bending. Ideal for welding and metal fabrication.
- 9" Open-Throat™ design.
- Couples to any 4- or 10-ton Porta Power pump.
- The base can be assembled to position the press either vertically or horizontally and can also be mounted to a bench.

**Set includes**—C-Frame press with base, adapters: V-pushing and ram pushing (9/16" and 3/4" dia. shanks), receiving insert, flat insert, storage case.

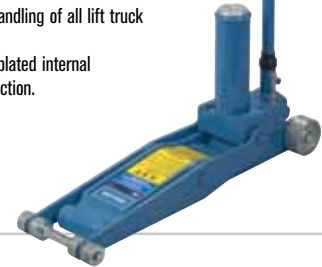
**5180** 10-Ton Portable Hydraulic C-Frame Press.



## 4-Ton Capacity Fork Lift Jack

- 8,000 lb capacity (4-tons) with a low starting height of 2-5/32".
- 10,000 lb capacity (5 tons) when lifting from cylinder saddle— ideal for agriculture and industrial applications.
- Unique shape of primary saddle allows for handling of all lift truck configurations with flat or edged surfaces.
- Features include high-quality seals, chrome-plated internal components, and high-strength steel construction.
- Secondary lifting surface feature.
- Complies with ASME-PALD.
- Lifting Height: 2-5/32 – 17-15/16"

**No. 5214** 4-Ton Capacity Fork Lift Jack.



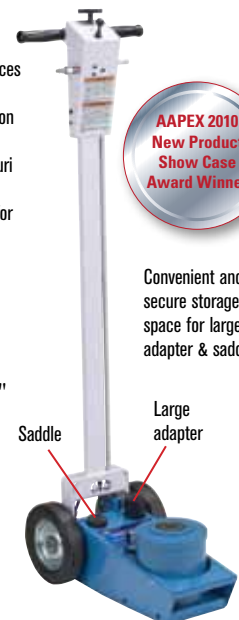
## 27.5-Ton Under Axle Jack

- Features class-leading 27.5 ton capacity
- Robust design with completely sealed piston – reduces likelihood of contamination of hydraulic fluid.
- Ergonomic handle design provides convenient location of air valve and release knob.
  - Incorporates both hand release knob and venturi vacuum system for power return with no load.
- Four position handle includes 'stow away' position for convenient storage.
- Maximum height of 21-3/8 inches when used with screw extended and large adapter.
- Complies with latest ASME/PALD standards.

### Specifications:

- Minimum retracted height (with saddle): 8-1/4"
- Maximum lifting height (with saddle only): 13-1/8"
- Maximum lifting height (with screw extended and large adapter): 21-3/8"
- Stroke: 4-15/16"
- Large adapter length: 3-15/16"
- Screw extended length: 4-3/4"
- Handle length: 48-3/4"
- PSI range: 90 to 175 psi.

**No. 5092** 27.5-Ton Under Axle Jack



**AAPEX 2010**  
New Product  
Show Case  
Award Winner

Convenient and secure storage space for large adapter & saddle.

Saddle  
Large adapter



## 20-Ton Truck Ramps

- Long, 34-1/2" retractable T-handle enhances mobility.
- Non-skid rubber matting prevents slippage during use.
- Durable, heavy-duty 5" diameter rubber wheels.
- Capacity per pair: 20 tons; overall length: 51"; overall height: 9"; tread width: 10".
- Covered by OTC Lifetime Marathon Warranty®.

**No. 5268** 20-Ton Truck Ramps.



## 20-Ton Wide Truck Ramps

- Long, 34-1/2" retractable T-handle enhances mobility.
- Non-skid rubber matting prevents slippage during use.
- Durable, heavy-duty 5" diameter rubber wheels.
- Capacity per pair: 20 tons; overall length: 51"; overall height: 9"; tread width: 16".
- Covered by OTC Lifetime Marathon Warranty®.

**No. 5269** 20-Ton Wide Truck Ramps.

## High-Lift Wheel Dolly

- Effortless air-powered hydraulic lift system allows unit to be used as a multi-purpose lift in a variety of applications.
- 1,500 lbs. capacity provides 50% more lifting capacity than competitive high-lift wheel dollies.
- 42" lifting range.
- Six-inch lateral adjustment provides precise positioning of wheel assemblies.
- Tilt adjustment of +15° to -8° ensures easy alignment.
- Features 4 swivel casters, 2 locking, for enhanced mobility.
- Covered by OTC Lifetime Marathon Warranty®.

**No. 5105A** High-lift Wheel Dolly.



## 2,000 lb. Capacity Heavy-Duty Motor-Rotor® Repair Stand

- Handles a wide variety of engines, transmissions, torque converters, and rear axles from trucks, tractors, and construction machinery.
- The 50:1 ratio gearbox allows full rotation of mounted unit with just a turn of the crank and locks in position. Easily maneuvered when loaded.
- Twin-post design, featuring laterally adjustable, 3-position outboard support; provides an extremely stable work-holding unit.
- Locking rear wheels anchor stand in position.
- Covered by OTC Lifetime Marathon Warranty®.

**No. 1735A** Motor-Rotor® repair stand.



**No. 206391** 6.0L and 6.4L Ford engine adapters. (Works with both the OTC 1735 and OTC 1735A).

## 1,500 lb. Dual Wheel Dolly

- Hydraulic jack provides almost 5" of lift and tilts wheel assembly 4° to prevent damage to wheel seal.
- Independent lifting rack provides maximum stability; rollers won't catch on load.
- Swivel casters for easy maneuverability.
- 6' chain holds load in place.
- Covered by OTC Lifetime Marathon Warranty®.

**No. 1770A** Dual Wheel Dolly.



## Brake Drum Dolly

- Remove, install, and transport truck brake drums without physically having to lift them.
- Works on 15" and 16-1/2" drums found on most Class 7 and 8 tractor and trailer brake systems.
- Heavy-gauge steel construction, ten-inch pneumatic tires, and adjustable handle.
- Covered by OTC Lifetime Marathon Warranty®.

**No. 5017A** Brake Drum Dolly.

