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[www.rotarylif.com](http://www.rotarylif.com)



Contact us for training sessions in your area or online.



**GSA** Contract Holder  
FSS Contract GS07F8953D

For Rotary Lift Government Purchases: **1.800.445.5438 x5655**



Universal Saddle Adapters / U.S. Patent No. 6,471,009 LDS Liquid Detection System / US Patent No. 6,814,187

**The ROTARY LIFT<sup>®</sup> Promise**

- 1. We have the products you need – where you need them. Promise.**
- 2. We design and test our products to perform when you need them - without letting you down. Promise.**
- 3. We provide the highest quality available on the market today. Promise.**
- 4. We put our experience to work for you, so you can do what you do best. Promise.**

Over the last ten years, our customer satisfaction levels have exceeded 96%! Work with us and you'll be satisfied as well. We promise.



2212 Camplain Road  
Hillsborough, NJ 08844  
1-888-8FC-LIFT



**Inground**  
HEAVY DUTY INGROUND LIFTS



**SIMPLE  
PENDANT ONLY  
CONTROLS**



**NO FLOOR MOUNTED  
CONTROL CABINET  
• OPEN BAY DESIGN •**



**ENVIRONMENTALLY-  
FRIENDLY**



**ROTARY LIFT**  
THE WORLD'S MOST TRUSTED LIFT

Model Shown: MOD35 MOD235xyz 70,000 lbs. capacity Inground Lift

[www.rotarylif.com](http://www.rotarylif.com)

INGROUND VEHICLE LIFTS

*Rotary invented the inground lift nearly 90 years ago and we've been reinventing our lifts ever since.*

Concern for the environment, functionality, space consideration and improved productivity are key components to consider when investing in a new heavy-duty lift.

Our designers and engineers have taken all these considerations and used them to develop the most innovative and versatile heavy-duty lift products on the market today.

*All from a partner you've trusted since 1925.*

**Rotary Lift.**



Shown: MOD35 MOD235xyz  
70,000 lbs. capacity  
2-post inground lift

Three-post models are also available for lifting tandem axle vehicles or articulated buses. See specs for details.

Fast and Easy with **Exclusive Added Features**

Productivity is the key for any shop, so our lifts are packed with industry-leading features that help your technicians get vehicles up on the lift and back on the road faster and easier than anyone else.

- **Rotary's patented Universal Saddle System** has a greater adjustment range and is compatible with a wide range of adapters - *spot hard to reach vehicles faster!*
- **The MOD35's *NEW* patent-pending pendant only controls** is the latest remote control system which operates all of the lift's features away from the lift console; maximizing shop productivity and visibility of the vehicle during operation.
- **The MOD35's *NEW* system monitoring** adds more control with height and wheelbase settings for up to 25 preset vehicle locations.
- **The MOD35's *NEW* patent-pending installation and construction methods** streamline install time and greatly reduces costs.
- **The EFX's standing control console** keeps lift operators off of the floor and upright to monitor the lift's rise and descent.
- **Recessed designs** allow for an unobstructed floor when entering and exiting the bay saving valuable time.



Shown: EFX60C022AX  
60,000 lbs. capacity

Three-post models are also available for lifting tandem axle vehicles or articulated buses. See specs for details.

Environmentally Friendly

*Today's inground lifts take protecting the environment to a new level.*



- **MOD35** - containment is encapsulated in a 6' deep steel enclosure sealed with EnviroGuard™.
- **EFX60/90** - an energy efficient system with the lowest oil volume in the industry.
- **Traditional inground lifts** standard EnviroGuard™ coated jacks protect lift components and the environment.
- All lifts are bio fluid compatible.

Third Party Certified

The MOD35 and EFX lifts meet the ANSI/ALI ALCTV 2011 standard, including the required third party validation.

*Your assurance of certification is the gold ALI/ETL certified label.*



Superior by Design

- Rotary maintains the largest in-house mechanical, electrical and controls engineering staff in the industry. Using state of the art design, modeling and analysis software, we ensure you get a well designed, reliable product every time.
- Rotary rigorously cycle tests its lifts beyond industry standards at rated load, giving you a robust, proven and quality tested lift that won't let you down.
- The modular, encapsulated shallow pit design reduces installation costs and means easier, less costly maintenance over the life of the lift.
- Numerous pit, control and adapter options allow you to customize your lift to meet your shop's needs.
- Seismic calculations and installation options are available.

Service and Support

With Rotary Lift, you have the service and support you need. Our network of service providers is the largest of its kind in the world. When it comes to assistance, we are there when and where you need us.

Maximizing Service Space for Greater Efficiency and Productivity: That's assistPRO.

An accurate layout is critical to maximizing your shop's space. Each year Rotary Lift assists hundreds of customers with planning support for their vehicle service facilities.

You need the right equipment, the right specifications, the right drawings, and the right partner.

**You've found them.**

**With Rotary assistPRO, you get:**

- Custom layouts of your facility with vehicle turning radii and traffic flow analysis based on the vehicles it will service.
- Online, CSI 3 part product specifications through ARCAT® Spec Wizard®
- Information rich Revit® BIM models



**assistPRO**  
professional facility planning assistance

THE ROTARY LIFT PROMISE

*Only Rotary offers the right combination of experience, quality product selection and service you've come to expect from the world leader.* - See the complete Rotary Lift Promise on the back page of this brochure.



# MOD35

70,000 - 105,000 LBS. CAPACITY  
MODULAR INGROUND LIFT

This environmentally friendly, heavy-duty inground lift is the most versatile and inventive lift ever to hit the vehicle service industry. Customize the MOD35 to meet all your service needs with a greater lifting capacity than comparative lifts and *added exclusive industry-leading features*:

**NEW Patent-Pending Pendant Only Controls**

This standard remote control system operates all of the lift's features away from the lift console maximizing shop productivity and visibility of the vehicle during operation. It is joystick-equipped with infinite variable speed control of fore/aft and up/down operation of the lift plus fine adjustment of the lifting carriage or moveable piston. It contains a protective guard to prevent accidental engagement when not in use.

**NEW Patent-Pending Installation / Construction Method**

This new installation method streamlines the install time and reduces installation costs. The method works in a variety of soil and building conditions. Note: Drawings for suspended, new and footer based construction are available.

**NEW System Monitoring and Added Control Features**

Includes programmable height and wheelbase settings for up to 25 preset vehicle locations.

**Containment Style Design - Environmentally Friendly**

The MOD35 is totally contained in a 6' deep steel enclosure, is sealed inside and out with our exclusive **EnviroGuard™** coating, and is warranted against corrosion and electrolysis for 10 years (see complete warranty statement). The containment forms a barrier between the lift and the ground which traps oil and other shop fluids and locks out groundwater, protecting both the lift and the environment. The containment housing reduces installation costs and allows for easy access to all lift components.

**Unobstructed Clear Floor Design**

Both housings are recessed for "zero clearance" drive-thru when the lift is in the down position. A wheel spotting dish for axle positioning guides the placement of the vehicle for lifting.

**VEC™ Variable Equalization and Control System:**

- Eliminates the need to manually adjust valves
- Uses a pendant joystick to control location, speed and heights
- Allows jacks to be controlled individually for vehicle spotting or simultaneously for lifting

**Also Available: Model MOD30**

60,000 to 90,000 lbs. capacity modular inground lift. Features may vary.

**LDS™ / Liquid Detection System**

Our patented LDS system monitors the lift and signals the technician as liquid accumulates in the containment. Built-in access ports allow for easy fluid evacuation.



**Greaseless Bearings**

The axles are coated with exclusive **SmartGuard™** for maintenance-free performance.

**NEW Abrasion Resistant Hose Guide**

Guide keeps hose out of the way of the moving piston - there are no moving parts to break.

**NEW Slip Clutch Design**

eliminates chain breaks reducing maintance issues and cost of lift ownership.

**NEW Concrete Footer Slab Design**

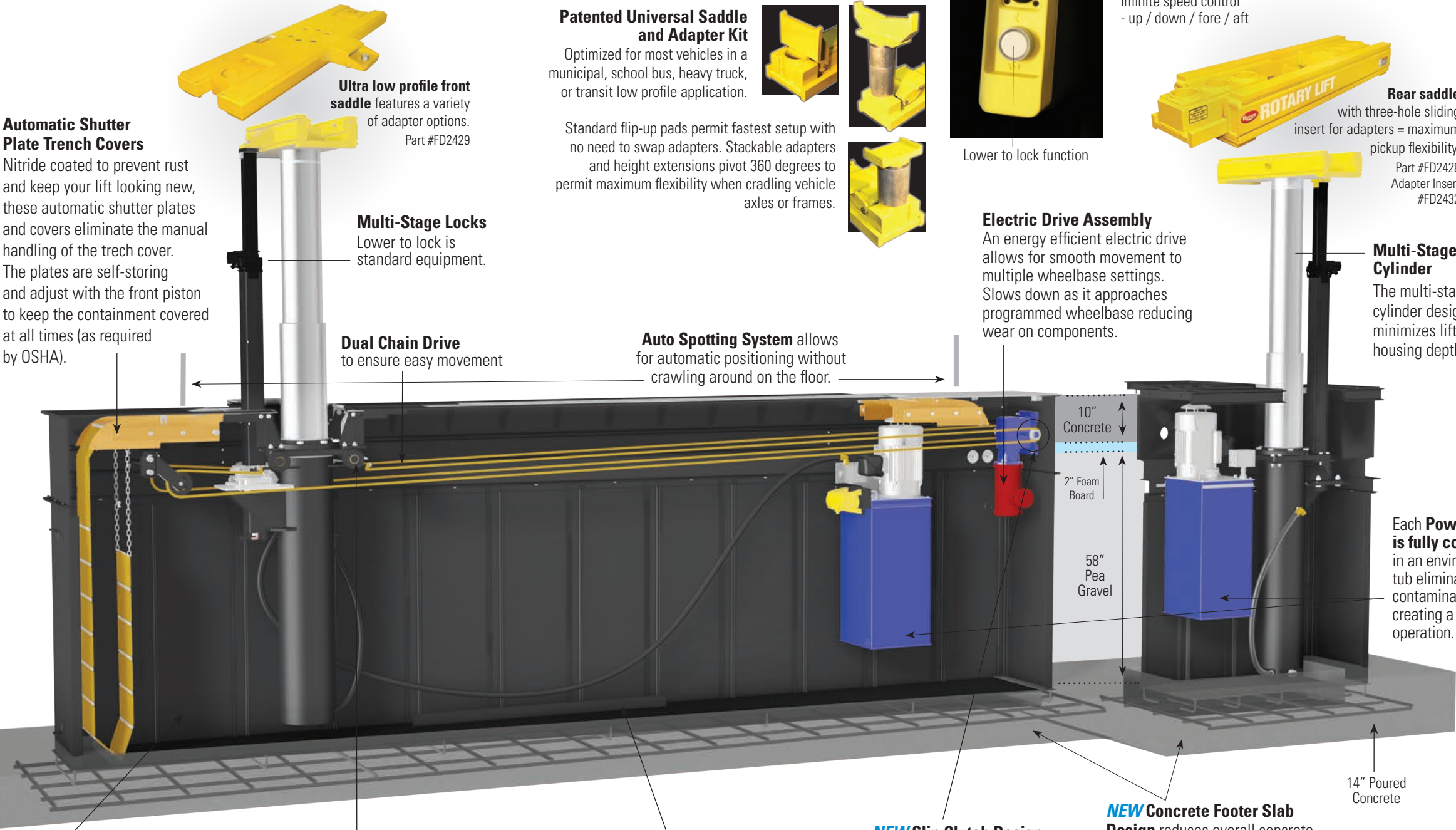
reduces overall concrete usage by 25%.

**Rotary DESIGN ADVANTAGE**

**MOD35 INGROUND LIFT**

**PRODUCTIVITY & PERFORMANCE**

1. PATENT PENDING PENDANT ONLY CONTROLS / CLEAR FLOOR
2. PATENTED UNIVERSAL SADDLE ADAPTER
3. PATENT PENDING COST SAVING INSTALLATION METHODS
4. PATENTED LIQUID DETECTION SYSTEM
5. PROGRAMMABLE VEHICLE SETTINGS
6. THIRD-PARTY ETL GOLD CERTIFIED



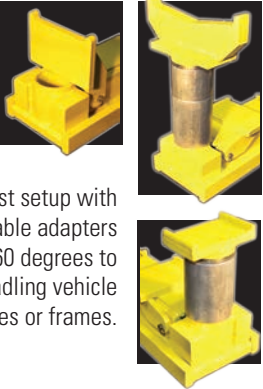
**NEW Electrical Console**

The seperately-located console eliminates clutter and adds needed floor space in each bay.



**Patented Universal Saddle and Adapter Kit**

Optimized for most vehicles in a municipal, school bus, heavy truck, or transit low profile application.



Standard flip-up pads permit fastest setup with no need to swap adapters. Stackable adapters and height extensions pivot 360 degrees to permit maximum flexibility when cradling vehicle axles or frames.

**NEW Pendant Only Controls**

Standard on every lift, the pendant allows for remote operation in the bay and away from the lift console. Patent pending FA9125 for MOD35



E-Stop button

Joystick controls with infinite speed control - up / down / fore / aft

Lower to lock function



**Optional Cord Reel**  
for MOD35 pendant controls

**Rear saddle**

with three-hole sliding insert for adapters = maximum pickup flexibility. Part #FD2428 Adapter Insert #FD2432

**Multi-Stage Cylinder**

The multi-stage cylinder design minimizes lift housing depth.

Each **Power Unit** is fully contained in an environmental tub eliminating soil contamination and creating a silent operation.

14" Poured Concrete



Shown:  
MOD35 MOD235xyz  
70,000 lbs. capacity  
modular & environmentally  
safe inground lift



**EFX60/90™**

60,000 - 90,000 LBS. CAPACITY  
MODULAR INGROUND  
SCISSOR LIFT

Rotary's EFX is breaking new ground in heavy-duty scissor lifting technology. Proven by design, its exclusive patented features, shallow pit construction and environmental considerations make it the most user-friendly, reliable and productivity boosting lift in its class.

*"We looked at several different styles and manufacturers of lifts and chose the Rotary EFX Scissor Lift. After using this lift we are pleased with our choice. The ease of positioning the lift and the multiple combinations on the saddles and adapters cut down on set up time. This lift has a robust scissor section and its shallow depth was a big factor in our choosing this lift. Our mechanics really like using this lift."*

**- Lee A. Peterson**

Manager, Vehicle Maintenance  
Clovis Unified School District - Clovis, California

**Heavy-Duty Construction:**

Rotary engineers have worked to provide you the most robust and reliable scissor lift in the industry making sure it's there when you need it.

- Heavy-duty pivot pins with SmartGuard™
- Heavy duty linkages
- Exclusive locking system
- Advanced bearing design

**Cycle-Tested Trust:**

The EFX design is engineered for your trust and safety with over 30,000 tested cycles at rated load - a lifetime of quality.

**Environmentally Responsible:**

The EFX, is contained within a concrete trench, providing protection for the lift and the environment. But the biggest benefit is the efficient low volume/high pressure hydraulic system that uses 3.5 gallons of fluid per scissor.

**Control Console**

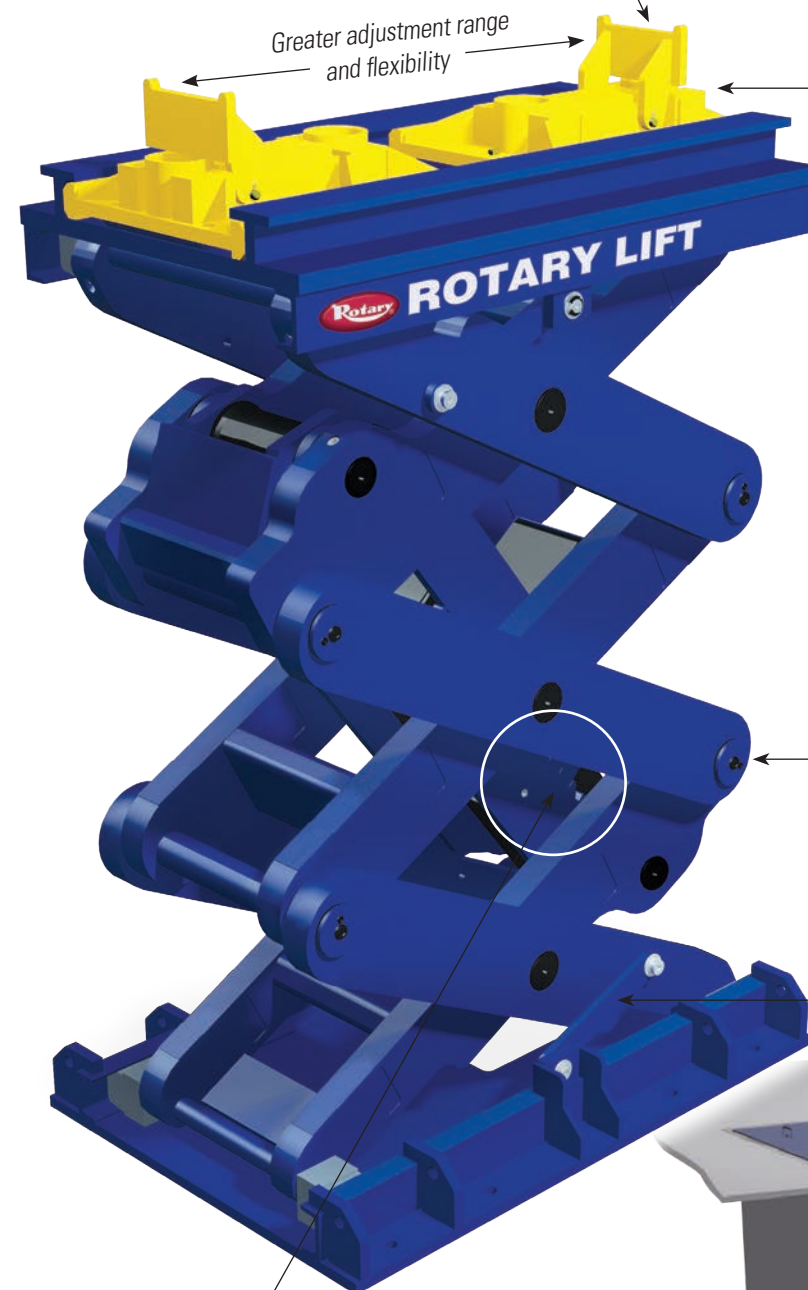
The upright control console eliminates the need to bend down to run the lift - operates from a comfortable, standing position. Shown with optional pendant controls.

**Patented Universal Saddle System**

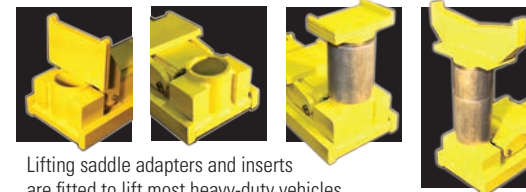
Example of adjustment range and rotated adapters with an off-set transaxle.



Standard flip-up pads.

**Productivity Design Enhancements:****VERSATILITY and FLEXIBILITY**

The **EFX's patented Universal Saddle System** recesses flush with the floor with the adapters in place and provides quick and easy setup for your technicians. Adapter versatility is a result of selecting inserts and adapters to fit a variety of heavy-duty vehicles with the greatest range of adjustments and adapter combinations.



Lifting saddle adapters and inserts are fitted to lift most heavy-duty vehicles.

**Heavy Duty Pivot Pins**

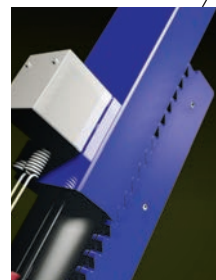
Pivot pins are stronger than comparable lift designs. Coated with **Smartguard™** corrosion protection on pins keep lift operational and productive.

**Heavy Duty Linkage**

Heavier, larger links are stronger than comparable lifts.

**Heavy Duty Locking System**

Exclusive locking system based on the proven Parallelogram lift, provides greater technician safety.

**OPTIONAL Pendant Controls**

The pendant allows for remote operation away from the lift console

#EFX140216500

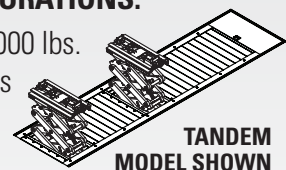
**Rotary DESIGN ADVANTAGE****EFX60/90 INGROUND SCISSOR LIFT**  
**PRODUCTIVITY & PERFORMANCE**

1. PATENTED UNIVERSAL SADDLE ADAPTER
2. SHALLOW PIT DESIGN AND INSTALLATION
3. SMARTGUARD-COATED PINS
4. EXCLUSIVE LOCKING SYSTEM
5. HEAVY DUTY CONSTRUCTION
6. THIRD-PARTY ETL GOLD CERTIFIED

**EFX90™ 90,000 LBS. CAPACITY**

**THE EFX90 SCISSOR LIFT IS OFFERED IN TANDEM AND ARTICULATED AXLE CONFIGURATIONS.**

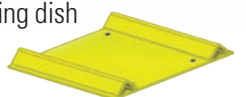
Three heavy duty scissors provide 90,000 lbs. of lifting capacity. The EFX90 design is engineered for your safety with over 30,000 tested cycles at rated load providing a lifetime of quality.



TANDEM MODEL SHOWN

**Wheel Spotting**

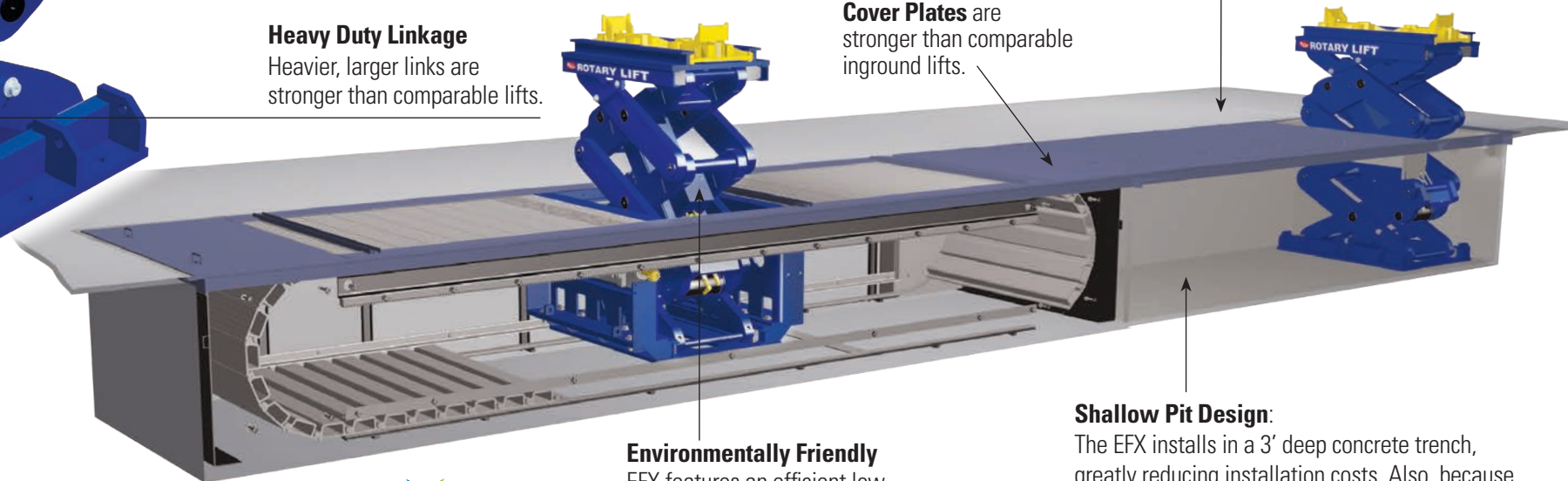
Bolt-on wheel spotting dish for accurate vehicle spotting every time.



**Heavier Capacity Cover Plates** are stronger than comparable inground lifts.

**Shallow Pit Design:**

The EFX installs in a 3' deep concrete trench, greatly reducing installation costs. Also, because everything is within easy reach, periodic and routine maintenance is quick and easy saving you money over the life of the lift.



**Environmentally Friendly**  
EFX features an efficient low volume / high pressure system with the industry's lowest oil volume.



Shown: EFX60C022AX  
60,000 lbs. capacity



# TRADITIONAL INGROUND

18,500 - 75,000 LBS. CAPACITIES

Rotary heavy-duty inground lifts are designed to increase productivity by providing an obstruction free shop and decades of service with minimum maintenance costs. Each lift offers the adjustability needed to service a wide variety of vehicles in a single bay. Whether fully hydraulic or electric hydraulic, two posts or three, numerous options are available to let you customize your lift for your exact needs.

*"Athens Transit purchased two traditional inground lifts manufactured by Rotary Lift and were installed in January 2010. The lifts are used daily to maintain a fleet of transit buses. The inground lifts increase productivity for technicians due to the lesser time required to set up an above ground lift. Rotary Lift meets our quality standards and I expect many years of useful life from the Rotary Lifts Athens Transit purchased in 2010."*

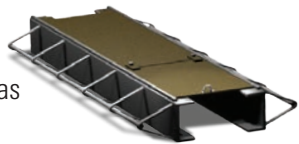
**- Terry W. Ferguson**  
Transit Maintenance Administrator  
Athens Transit System - Athens, Georgia

### Continuous Trench Design

The lift is housed in a continuous concrete vault which forms a barrier between the lift and the ground; increasing the life of the lift and protecting the environment. This enclosed design allows for easy access to all components for inspection and maintenance

### Standard Front Pit Covers

Manually moveable pit covers are standard on inground lifts. They can be moved to eliminate dangerous pit openings as required by OSHA.



### Front Jack

Hydraulic adjustment allows for easy positioning to meet various wheelbases. The lift is available with an optional recessed front jack pocket which provides an unobstructed floor when the lift is in the down position.

### Removable Hydraulic Jack Assembly

The jack assembly in both the front and rear housing is removable for inspection or repair without the need to break concrete, and each jack has an 18-position locking leg which locks every 3". The jack can be released automatically for lowering without going under the lift.

### Optional Shutter Plate Trench Covers

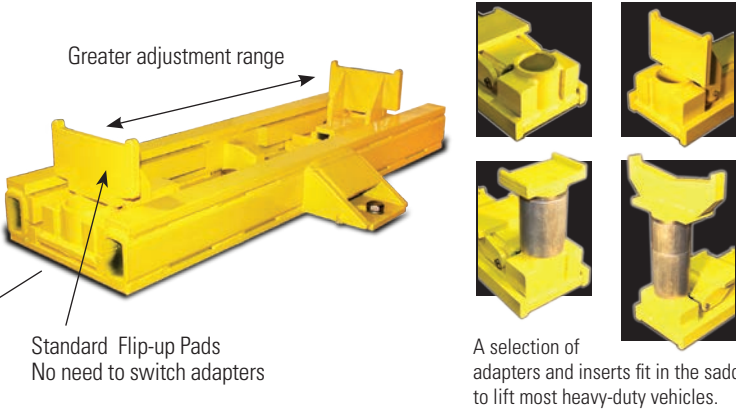
increase productivity by eliminating manual moving of the cover plates. They are self-storing and adjust with the front piston to keep the pit covered at all times. (As required by OSHA)

### Front Jack

Provides easy positioning to meet various wheelbases

### Patented Universal Saddle Adapter

The universal saddle adapter is designed for the front or rear post. A selection of adapters and inserts fit in the saddle to lift most difficult heavy-duty vehicles. Standard flip-up pads permit fastest setup with no need to swap adapters. Most inserts rotate 360 degrees. A **lower profile version** is available for specific transit applications.



Greater adjustment range

Standard Flip-up Pads  
No need to switch adapters

A selection of adapters and inserts fit in the saddle to lift most heavy-duty vehicles.

**Rear Jack** features a recessed pocket for an unobstructed floor when the lift is in the down position. A wheel spotting dish, for axle positioning, guides the placement of the vehicle for lifting.

### Optional In-Trench Equalized Power Unit

- As an alternative to a surface-mounted power unit, an in-trench unit offers many benefits:
- Eliminates the need for valuable floor space
  - No piping or trenches from the power unit to the lift, reducing concrete work and cutting overall piping by 80%
  - Can be removed for service or repair without breaking concrete
  - Offers a low noise level with self-equalized operation, requires no manual adjustment raising and lowering the lift and meets NEC class 1, division 1 standards



### Inground Options

#### Surface Mounted Power Unit

The power unit may be sized for one or more lift hook-ups without equalized control.

### Optional Push Button Equalized Controls

Simple push button controls eliminate manual equalization of handles. The control box can be mounted on either the floor or wall.



### Continuous Trench Design

Shown: RU70Q  
50,000 lbs. capacity continuous trench lift shown with optional shutter plate trench covers and in-trench power unit

Identifying Model Numbers

Examples:

**RU70Q** = Recessed front superstructure with shutter plate trench covers, continuous trench design for an equalized in-pit power unit.

**MOD35** = Modular & environmentally safe inground.

**EFX60** = Modular inground scissor lift.

Prefix	Lift Model	Suffix
RU	70	Q
MOD	35	
EFX	60	

Prefix Description:

**MOD:** Modular & Environmentally Safe Inground lift

**EFX:** Environmentally Friendly Scissor lift

**None:** Non-Recessed Front Superstructure

**R:** Recessed Front Superstructure

**RU:**Recessed Front Superstructure with Shutter Plate Trench Covers

Suffix Description

**C:** Continuous Trench Design for a Surface Mounted Power Unit

**P:** Continuous Trench Design for an In-Pit Power Unit

**Q:** Continuous Trench Design for an Equalized In-Pit Power Unit

**HC:** Continuous Trench Design for an Air/Oil Tank

Rotary Offers The Accessories Techs Need To Get The Most From Their Lift.

Tripod Stands

Models RS18 and RS33  
Spring assisted caster wheels and height adjustment allow for easy positioning with 4” fine tune screw adjustment

**RS18** - 18,000 lbs. capacity  
56.1” – 82.3” range

**RS33** - 33,000 lbs. capacity  
55.31” – 82.28” range

**RS1852** - 18,000 lbs. capacity  
34.3” – 55.5” range



RS 33 versatile height adjustments shown

Liquid Evacuation Kit

This kit is designed to provide automatic evacuation of fluids captured in the lift containments and detected by the liquid detection system. Separate pumps are located in each jack housing.



Adapter Rack

Keeps the lift bay clear and uncluttered and all your adapters in one place.

Shown: FD2361



SPECIFICATIONS

Models:	MODULAR LIFTS		
	MOD235 2-Post MOD335 3-Post	MOD30 / MOD30 3-Post	EFX60 EFX90
Lifting Capacity	70,000 lbs. (27216kg) 105,000 lbs. (40824kg)	60,000 lbs. (27216kg) 90,000 lbs. (40824kg)	60,000 lbs. (13608kg) 90,000 lbs. (40824kg)
Lifting Capacity (front piston)	35,000 lbs. (13608kg)	30,000 lbs. (13608kg)	30,000 lbs. (13608kg)
Lifting Capacity (center piston)	35,000 lbs. (13608kg)	30,000 lbs. (13608kg)	30,000 lbs. (13608kg)
Lifting Capacity (rear piston)	35,000 lbs. (13608kg)	30,000 lbs. (13608kg)	30,000 lbs. (13608kg)
Power Unit	(2 or 3) 5hp (3.75kw)	(2 or 3) 5hp (3.75kw)	10hp (7.457kw) 15hp (11.21kw)
Pressure	770/950	750/900	3,900 psi
Oil Displacement	19.3 gal	19.3 gal	7 gal / 11 gal
Rise (front piston)	70” (1803mm)	70” (1803mm)	70” (1778mm)
Rise (center piston)	N/A	70” (1803mm)	70” (1803mm)
Rise (rear piston)	70” (1803mm)	70” (1803mm)	70” (1778mm)
Piston Diameter (front piston)	9 1/16” - 7 7/8” (230 - 200mm)	9 1/16” - 7 7/8” (230 - 200mm)	7” (178mm)
Piston Diameter (center piston)	9 1/16” - 7 7/8” (230 - 200mm)	9 1/16” - 7 7/8” (230 - 200mm)	7” (178mm)
Piston Diameter (rear piston)	9 1/16” - 7 7/8” (230 - 200mm)	9 1/16” - 7 7/8” (230 - 200mm)	7” (178mm)
Std. Adapter Adjustment* (front piston)	17 15/16” - 44 1/4” (456 - 1124mm)	17 15/16” - 44 1/4” (456 - 1124mm)	28 3/8” - 52” (721 - 1321mm)
Std. Adapter Adjustment* (center piston)	17 15/16” - 44 1/4” (456 - 1124mm)	17 15/16” - 44 1/4” (456 - 1124mm)	28 3/8” - 52” (721 - 1321mm)
Std. Adapter Adjustment* (rear piston)	13 3/4” - 50 3/4” (349 - 1289mm)	17 15/16” - 44 1/4” (456 - 1124mm)	28 3/8” - 52” (721 - 1321mm)
Drive-Thru/Over Clearance	Recessed	Recessed	Recessed

\*Optional adapters provide adjustment range

TRADITIONAL LIFTS	
60C/60P 60HC	68C/68P
20,000 lbs. (9072kg) 18,500 lbs. (8392kg)	32,000 lbs. (14515kg)
8,000 lbs. (3629kg) 6,500 lbs. (2948kg)	14,000 lbs. (6350kg)
N/A	N/A
12,000 lbs. (5443kg) 12,000 lbs. (5443kg)	18,000 lbs. (8165kg)
5hp (3.75kw) N/A	10hp (7.5kw)
185 165	275
43 gal	41.5 gal
70” (1778mm)	60” (1524mm)
N/A	N/A
67” (1702mm)	69” (1753mm)
8 1/2” (216mm)	8 1/2” (216mm)
N/A	N/A
10 5/8” (270mm)	10 5/8” (270mm)
40 3/4” - 58 3/4” (1035-1492mm)	35” - 56 1/2” (889-1435mm)
N/A	N/A
19 1/8” - 44” (486-1118mm)	14” - 50 3/4” (356-1289mm)
4 1/2” (114mm)	4 3/4” (121mm)

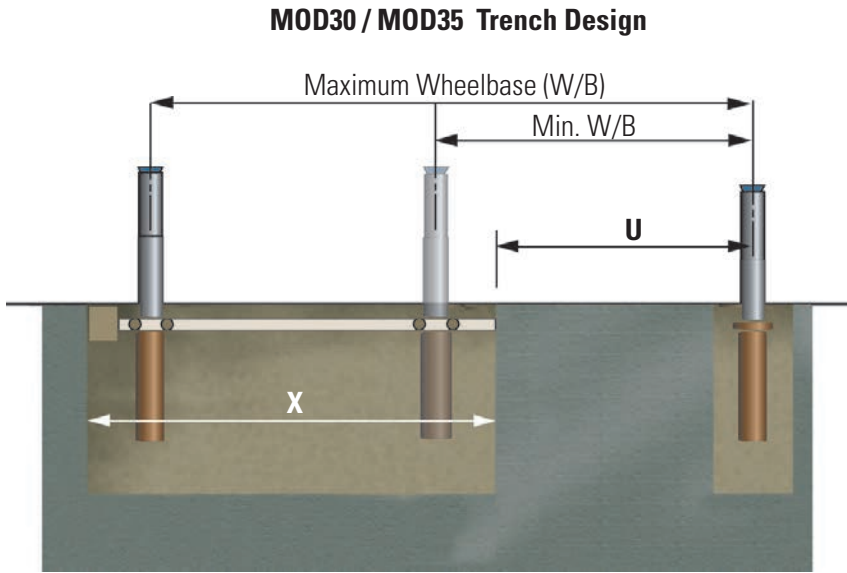
Model:	TRADITIONAL LIFTS					
	70C/70P/70Q 70HC	R70C/R70P/R70Q RU70P/RU70Q	10210C/10210P 10210Q	R10210C R10210P/R10210Q RU10210Q	703C 703P 703Q	R703C R703P/R703Q RU703Q
Lifting Capacity	50,000 lbs. (22680kg) 24,000 lbs. (10887kg)	50,000 lbs. (22680kg)	75,000 lbs. (34020kg)	75,000 lbs. (34020kg)	75,000 lbs. (34020kg)	75,000 lbs. (34020kg)
Lifting Capacity (front piston)	25,000 lbs. (11340kg) 12,000 lbs. (5443kg)	25,000 lbs. (11340kg)	25,000 lbs. (11340kg)	25,000 lbs. (11340kg)	25,000 lbs. (11340kg)	25,000 lbs. (11340kg)
Lifting Capacity (center piston)	N/A	N/A	N/A	N/A	25,000 lbs. (11340kg)	25,000 lbs. (11340kg)
Lifting Capacity (rear piston)	25,000 lbs. (11340kg) 12,000 lbs. (5443kg)	25,000 lbs. (11340kg)	50,000 lbs. (22680kg)	50,000 lbs. (22680kg)	25,000 lbs. (11340kg)	25,000 lbs. (11340kg)
Power Unit	25,000 lbs. (11340kg) 12,000 lbs. (5443kg)	10hp (7.457kw)	10hp (7.457kw)	10hp (7.457kw)	10hp (7.457kw)	10hp (7.457kw)
Pressure	350 N/A	350	350	350	350	350
Oil Displacement	49.5 gal	52.6 gal	76.2 gal	79.3 gal	72.4 gal	78.5 gal
Rise (front piston)	66” (1676mm)	66” (1676mm)	66” (1676mm)	66” (1676mm)	66” (1676mm)	66” (1676mm)
Rise (center piston)	N/A	N/A	N/A	N/A	69” (1753mm)	69” (1753mm)
Rise (rear piston)	69” (1753mm)	69” (1753mm)	69” (1753mm)	69” (1753mm)	66” (1676mm)	66” (1676mm)
Piston Diameter (front piston)	10 5/8” (270mm)	10 5/8” (270mm)	10 5/8” (270mm)	10 5/8” (270mm)	10 5/8” (270mm)	10 5/8” (270mm)
Piston Diameter (center piston)	N/A	N/A	N/A	N/A	10 5/8” (270mm)	10 5/8” (270mm)
Piston Diameter (rear piston)	10 5/8” (270mm)	10 5/8” (270mm)	(2) 10 5/8” (270mm)	(2) 10 5/8” (270mm)	10 5/8” (270mm)	10 5/8” (270mm)
Std. Adapter Adjustment* (front piston)	19 1/8” - 44” (486-1118mm)	19 1/8” - 44” (486-1118mm)	19 1/8” - 44” (486 - 1118mm)	19 1/8” - 44” (486 - 1118mm)	19 1/8” - 44” (486 - 1118mm)	19 1/8” - 44” (486 - 1118mm)
Std. Adapter Adjustment* (center piston)	N/A	N/A	N/A	N/A	19 1/8” - 44” (486 - 1118mm)	19 1/8” - 44” (486 - 1118mm)
Std. Adapter Adjustment* (rear piston)	19 1/8” - 44” (486-1118mm)	19 1/8” - 44” (486-1118mm)	19 1/8” - 44” (486 - 1118mm)	19 1/8” - 44” (486 - 1118mm)	19 1/8” - 44” (486-1118mm)	19 1/8” - 44” (486-1118mm)
Drive-Thru/Over Clearance	4 1/4” (108mm)	Recessed	4 1/4” (108mm)	Recessed	4 1/4” (108mm)	Recessed

\*Optional adapters provide adjustment range



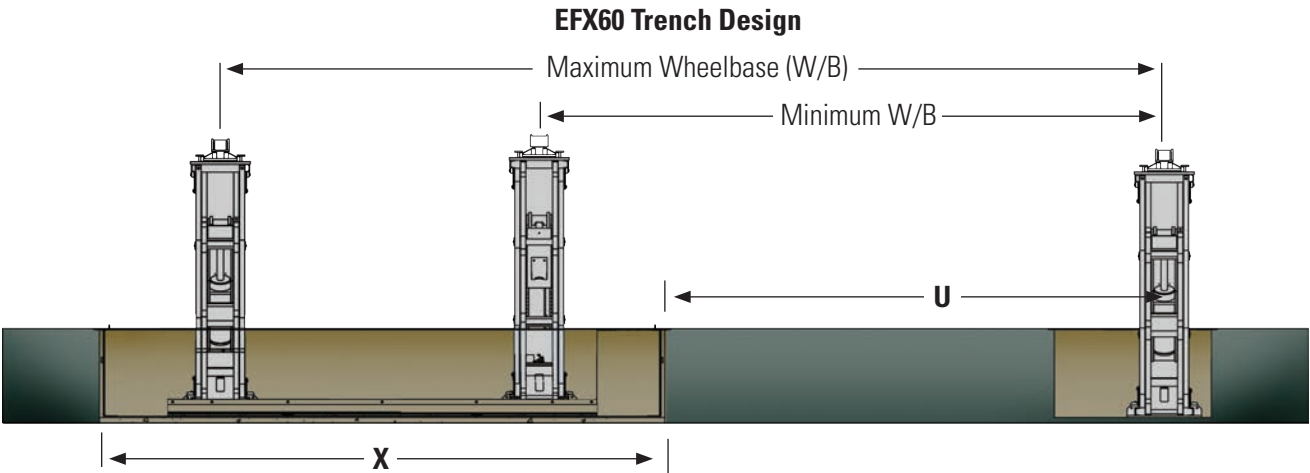
Models:		MOD30 / MOD35		
Min. Wheelbase	U Dimension	Max. Wheelbase		
		MOD30/MOD35-18	MOD30/MOD35-21	MOD30/MOD35-24
108" (2743mm)	48" (1219mm)	222" (5639mm)	258" (6553mm)	294" (7469mm)
114" (2896mm)	54" (1372mm)	228" (5791mm)	264" (6706mm)	300" (7620mm)
120" (3048mm)	60" (1524mm)	234" (5944mm)	270" (6859mm)	306" (7772mm)
126" (3200mm)	66" (1676mm)	240" (6096mm)	276" (7010mm)	312" (7925mm)
132" (3353mm)	72" (1829mm)	246" (6248mm)	282" (7163mm)	318" (8077mm)
138" (3503mm)	78" (1981mm)	252" (6400mm)	288" (7315mm)	324" (8230mm)
144" (3658mm)	84" (2134mm)	258" (6553mm)	294" (7469mm)	330" (8382mm)
150" (3810mm)	90" (2286mm)	264" (6706mm)	300" (7620mm)	336" (8534mm)
156" (3962mm)	96" (2438mm)	270" (6858mm)	306" (7772mm)	342" (8687mm)
162" (4115mm)	102" (2591mm)	276" (7010mm)	312" (7925mm)	348" (8839mm)
168" (4267mm)	108" (2743mm)	282" (7163mm)	318" (8077mm)	354" (8992mm)
174" (4420mm)	114" (2896mm)	288" (7315mm)	324" (8230mm)	360" (9144mm)
180" (4572mm)	120" (3048mm)	294" (7468mm)	330" (8382mm)	366" (9296mm)
186" (4724mm)	126" (3200mm)	300" (7620mm)	336" (8534mm)	372" (9449mm)
192" (4877mm)	132" (3353mm)	306" (7772mm)	342" (8687mm)	378" (9601mm)
198" (5029mm)	138" (3505mm)	312" (7925mm)	348" (8839mm)	384" (9754mm)
204" (5182mm)	144" (3658mm)	318" (8077mm)	354" (8992mm)	390" (9906mm)
210" (5334mm)	150" (3810mm)	324" (8230mm)	360" (9144mm)	396" (10058mm)
Frame Length (X dimension)		18' (5486mm)	21' (6401mm)	24' (7315mm)

FOR 3-POST OPTIONS, CONTACT A ROTARY LIFT HEAVY DUTY PRODUCT SPECIALIST AT 1-800-445-5438 - EXT. 2



Models:		EFX60		
Min. Wheelbase	U Dimension	Max. Wheelbase		
		EFX60-10	EFX60-13	EFX60-17
72" (1829mm)	24" (610mm)	192" (4877mm)	228" (5791mm)	276" (7010mm)
78" (1981mm)	30" (762mm)	198" (5029mm)	234" (5944mm)	282" (7163mm)
84" (2134mm)	36" (914mm)	204" (5181mm)	240" (6096mm)	288" (7315mm)
90" (2286mm)	42" (1067mm)	210" (5334mm)	246" (6248mm)	294" (7468mm)
96" (2438mm)	48" (1219mm)	216" (5486mm)	252" (6401mm)	300" (7620mm)
102" (2591mm)	54" (1371mm)	222" (5639mm)	258" (6553mm)	306" (7772mm)
108" (2743mm)	60" (1524mm)	228" (5791mm)	264" (6706mm)	312" (7925mm)
114" (2896mm)	66" (1676mm)	234" (5944mm)	270" (6858mm)	318" (8077mm)
120" (3048mm)	72" (1829mm)	240" (6096mm)	276" (7010mm)	324" (8230mm)
126" (3200mm)	78" (1981mm)	246" (6248mm)	282" (7163mm)	330" (8382mm)
132" (3353mm)	84" (2133mm)	252" (6401mm)	288" (7315mm)	336" (8534mm)
138" (3505mm)	90" (2286mm)	258" (6553mm)	294" (7468mm)	342" (8687mm)
144" (3658mm)	96" (2438mm)	264" (6706mm)	300" (7620mm)	348" (8839mm)
150" (3810mm)	102" (2743mm)	270" (6858mm)	306" (7772mm)	354" (8991mm)
156" (3962mm)	108" (2895mm)	276" (7010mm)	312" (7925mm)	360" (9144mm)
162" (4115mm)	114" (3048mm)	282" (7163mm)	318" (8077mm)	366" (9296mm)
168" (4267mm)	120" (3048mm)	288" (7315mm)	324" (8230mm)	372" (9449mm)
174" (4420mm)	126" (3200mm)	294" (7468mm)	330" (8382mm)	378" (9601mm)
180" (4572mm)	132" (3353mm)	300" (7620mm)	336" (8534mm)	384" (9754mm)
186" (4724mm)	138" (3505mm)	306" (7772mm)	342" (8687mm)	390" (9906mm)
192" (4877mm)	144" (3658mm)	312" (7925mm)	348" (8839mm)	396" (10058mm)
198" (5029mm)	150" (3810mm)	318" (8077mm)	354" (8991mm)	402" (10211mm)
204" (5181mm)	156" (3962mm)	324" (8230mm)	360" (9144mm)	408" (10363mm)
210" (5334mm)	162" (4115mm)	330" (8382mm)	366" (9296mm)	414" (10516mm)
216" (5486mm)	168" (4267mm)	336" (8534mm)	372" (9449mm)	420" (10668mm)
222" (5639mm)	174" (4420mm)	342" (8687mm)	378" (9601mm)	426" (10820mm)
228" (5791mm)	180" (4572mm)	348" (8839mm)	384" (9754mm)	432" (10973mm)
Frame Length (X dimension)		10' (3048mm)	13' (3962mm)	17' (5182mm)

FOR 3-POST OPTIONS, CONTACT A ROTARY LIFT HEAVY DUTY PRODUCT SPECIALIST AT 1-800-445-5438 - EXT. 2



6 easy steps to find your frame length and overall trench length using your minimum and maximum wheelbases.

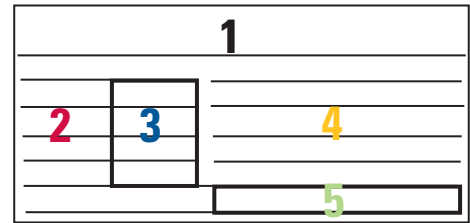
After selecting your lift model from the previous page, **follow these 6 easy steps** to determine your frame length and overall trench length. You must use your minimum and maximum vehicle wheelbase.

1. Locate your Lift Model and the Overall Trench Length Formula in **area 1**.
2. Find your minimum wheelbase in **area 2** (round down if your exact wheelbase is not listed)
3. Move right to determine the U dimension in **box 3**.
4. Continuing across the chart, select your maximum wheelbase in **area 4** (round up if your exact wheelbase is not listed).
5. Move straight down to determine the Frame Length (X dimension) in **box 5**.
6. Plug the U dimension in **box 3** and the X dimension in **box 5** into the formula **area 1** to find your Overall Trench Length.

**Example:** Use the chart for model 52HC★. If you worked with 114" min. ● x 221" max. ● wheelbases, you would use the indicated Udim. ● and Xdim. ● to plug into the formula:

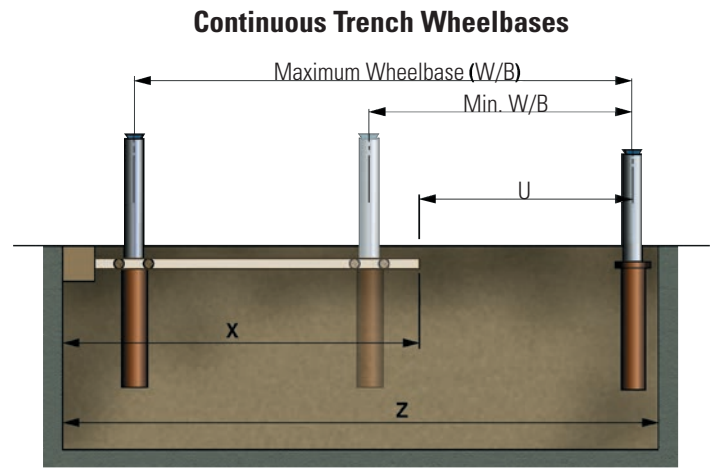
$Z = U + X + 17.5''$  (97.25" + 147" + 8.5")

Adding these numbers up equals 252.75", your Overall Trench Length (Z).

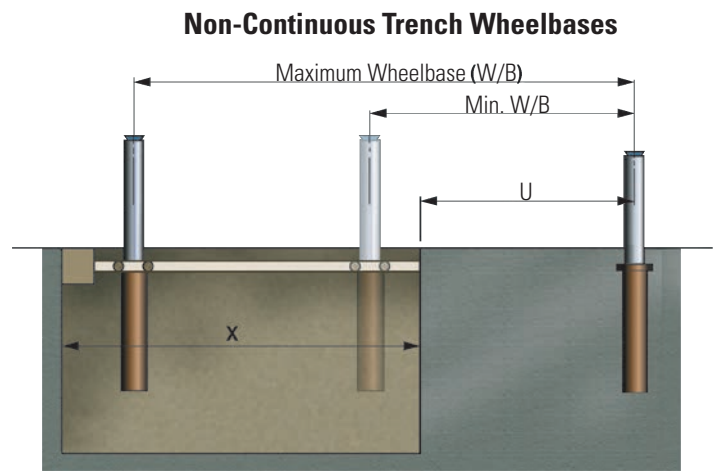


Models: 52C/52HC★				
Trench Length (Z) = (U) Dimension + (X) Dimension + 8.5" (216mm)				
Min. Wheelbase	U Dimension		Max. Wheelbase	
84" (2134mm)	67.25" (1708mm)	167" (4242mm)	191" (4851mm)	215" (5461mm)
● 114" (2896mm)	● 97.25" (2470mm)	197" (5004mm)	● 221" (5613mm)	245" (6223mm)
138" (3505mm)	121.25" (3080mm)	221" (5613mm)	245" (6223mm)	269" (6833mm)
162" (4115mm)	145.25" (3689mm)	245" (6223mm)	269" (6833mm)	293" (7442mm)
Frame Length (X dimension)		10' 3" (3124mm)	● 12' 3" (3734mm)	14' 3" (4343mm)

Models: 52P				
Trench Length (Z) = (U) Dimension + (X) Dimension + 8.5" (216mm)				
Min. Wheelbase	U Dimension		Max. Wheelbase	
90" (2286mm)	67.25" (1708mm)	173" (4394mm)	197" (5004mm)	221" (5613mm)
120" (3048mm)	97.25" (2470mm)	203" (5156mm)	227" (5766mm)	251" (6375mm)
144" (3658mm)	121.25" (3080mm)	227" (5766mm)	251" (6375mm)	275" (6985mm)
168" (4267mm)	145.25" (3689mm)	251" (6375mm)	275" (6985mm)	299" (7595mm)
Frame Length (X dimension)		10' 3" (3124mm)	12' 3" (3734mm)	14' 3" (4343mm)



Trench and Frame Length Chart



Trench and Frame Length Chart

Models: 60C/60HC				
Trench Length (Z) = (U) Dimension + (X) Dimension + 17.5" (445mm)				
Min. Wheelbase	U Dimension		Max. Wheelbase	
87" (2210mm)	70.75" (1797mm)	171" (4343mm)	195" (4953mm)	219" (5563mm)
117" (2918mm)	100.75" (2559mm)	201" (5105mm)	225" (5715mm)	249" (6325mm)
141" (3581mm)	124.75" (3169mm)	225" (5715mm)	249" (6325mm)	273" (6934mm)
165" (4191mm)	148.75" (3778mm)	249" (6325mm)	273" (6934mm)	297" (7544mm)
Frame Length (X dimension)		10' 3" (3124mm)	12' 3" (3734mm)	14' 3" (4343mm)

Models: 60P				
Trench Length (Z) = (U) Dimension + (X) Dimension + 17.5" (445mm)				
Min. Wheelbase	U Dimension		Max. Wheelbase	
94" (2388mm)	71" (1803mm)	177" (4496mm)	201" (5105mm)	225" (5715mm)
124" (3150mm)	101" (2565mm)	207" (5258mm)	231" (5867mm)	255" (6477mm)
148" (3759mm)	125" (3175mm)	231" (5867mm)	255" (6477mm)	279" (7087mm)
172" (4369mm)	149" (3785mm)	255" (6477mm)	279" (7087mm)	303" (7696mm)
Frame Length (X dimension)		10' 3" (3124mm)	12' 3" (3734mm)	14' 3" (4343mm)

Models: 70C/R70C/70HC				
Trench Length (Z) = (U) Dimension + (X) Dimension + 17.5" (445mm)				
Min. Wheelbase	U Dimension		Max. Wheelbase	
88" (2235mm)	70.75" (1797mm)	190" (4826mm)	238" (6045mm)	286" (7264mm)
118" (2997mm)	100.75" (2559mm)	220" (5588mm)	268" (6807mm)	316" (8026mm)
142" (3607mm)	124.75" (3169mm)	244" (6197mm)	292" (7417mm)	340" (8636mm)
166" (4216mm)	148.75" (3778mm)	268" (6807mm)	316" (8026mm)	364" (9246mm)
Frame Length (X dimension)		12' (3658mm)	16' (4877mm)	20' (6096mm)

Models: RU70Q Shutter Plate				
Trench Length (Z) = (U) Dimension + (X) Dimension + 17.5" (445mm)				
Min. Wheelbase	U Dimension		Max. Wheelbase	
118" (2997mm)	71" (1803mm)	230" (5842mm)	266" (6756mm)	302" (7671mm)
148" (3759mm)	101" (2565mm)	260" (6604mm)	296" (7518mm)	332" (8433mm)
172" (4369mm)	125" (3175mm)	284" (7214mm)	320" (8128mm)	356" (9042mm)
196" (4978mm)	149" (3785mm)	308" (7823mm)	344" (8738mm)	380" (9652mm)
Frame Length (X dimension)		18' (5486mm)	21' (6401mm)	24' (7315mm)

Models: 70P/R70P/70Q/R70Q				
Trench Length (Z) = (U) Dimension + (X) Dimension + 17.5" (445mm)				
Min. Wheelbase	U Dimension		Max. Wheelbase	
95" (2413mm)	70.75" (1797mm)	197" (5004mm)	245" (6223mm)	293" (7442mm)
125" (3175mm)	100.75" (2559mm)	227" (5766mm)	275" (6985mm)	323" (8204mm)
149" (3785mm)	124.75" (3169mm)	251" (6375mm)	299" (7595mm)	347" (8814mm)
173" (4394mm)	148.75" (3778mm)	275" (6985mm)	323" (8204mm)	371" (9423mm)
Frame Length (X dimension)		12' (3658mm)	16' (4877mm)	20' (6096mm)

Models: 10210P/R10210P/10210Q/R10210Q				
Trench Length (Z) = (U) Dimension + (X) Dimension + 17.5" (445mm)				
Min. Wheelbase	U Dimension		Max. Wheelbase	
103" (2616mm)	78.5" (1994mm)	205" (5207mm)	253" (6426mm)	301" (7645mm)
133" (3378mm)	108.5" (2756mm)	235" (5969mm)	283" (7188mm)	331" (8407mm)
157" (3988mm)	132.5" (3366mm)	259" (6579mm)	307" (7798mm)	355" (9017mm)
181" (4597mm)	156.5" (3975mm)	283" (7188mm)	331" (8407mm)	379" (9627mm)
Frame Length (X dimension)		12' (3658mm)	16' (4877mm)	20' (6096mm)

Models: 10210DSE/R10210DSE				
Trench Length (Z) = (U) Dimension + (X) Dimension + 17.5" (445mm)				
Min. Wheelbase	U Dimension		Max. Wheelbase	
78" (1981mm)	60.5" (1537mm)	180" (4572mm)	228" (5791mm)	276" (7010mm)
84" (2918mm)	66.5" (1689mm)	186" (4724mm)	234" (5944mm)	282" (7163mm)
90" (2286mm)	72.5" (1842mm)	192" (4877mm)	240" (6096mm)	288" (7315mm)
96" (2438mm)	78.5" (1994mm)	198" (5029mm)	246" (6248mm)	294" (7477mm)
102" (2591mm)	84.5" (2146mm)	204" (5182mm)	252" (6401mm)	300" (7620mm)
108" (2743mm)	90.5" (2299mm)	210" (5334mm)	258" (6553mm)	306" (7772mm)
114" (2896mm)	96.5" (2451mm)	216" (5486mm)	264" (6706mm)	312" (7925mm)
120" (3048mm)	102.5" (2604mm)	222" (5639mm)	270" (6858mm)	318" (8077mm)
126" (3200mm)	108.5" (2756mm)	228" (5791mm)	276" (7010mm)	324" (8230mm)
132" (3353mm)	114.5" (2908mm)	234" (5944mm)	282" (7163mm)	330" (8382mm)
138" (3505mm)	120.5" (3061mm)	240" (6096mm)	288" (7315mm)	336" (8534mm)
Frame Length (X dimension)		12' (3658mm)	16' (4877mm)	20' (6096mm)

Models: RU10210Q SHUTTER PLATE				
Trench Length (Z) = (U) Dimension + (X) Dimension + 7.5" (445mm)				
Min. Wheelbase	U Dimension		Max. Wheelbase	
126" (3200mm)	79" (2007mm)	238" (6045mm)	274" (6960mm)	310" (7874mm)
156" (3962mm)	109" (2769mm)	268" (6807mm)	304" (7722mm)	340" (8636mm)
180" (4572mm)	133" (3378mm)	292" (7417mm)	328" (8331mm)	364" (9246mm)
204" (5182mm)	157" (3988mm)	316" (8026mm)	352" (8941mm)	388" (9855mm)
Frame Length (X dimension)		18' (5486mm)	21' (6401mm)	24' (7315mm)

Models: RU10210Q SHUTTER PLATE				
Trench Length (Z) = (U) Dimension + (X) Dimension + 7.75" (197mm)				
Min. Wheelbase	U Dimension		Max. Wheelbase	
96" (2438mm)	78.5" (1994mm)	198" (5029mm)	246" (6248mm)	294" (7468mm)
126" (3200mm)	108.5" (2756mm)	228" (5791mm)	276" (7010mm)	324" (8230mm)
150" (3810mm)	132.5" (3366mm)	252" (6401mm)	300" (7620mm)	348" (8839mm)
174" (4420mm)	156.5" (3975mm)	276" (7010mm)	324" (8230mm)	372" (9449mm)
Frame Length (X dimension)		12' (3658mm)	16' (4877mm)	20' (6096mm)