

### **Inground Lifts**

Heavy-duty inground lift designs have been around for more than 80 years. Concern for our environment and the need for improved safety, functionality and customization are key components when investing in a new lift.

Rotary's MOD30 lift has taken these requirements and developed the most versatile and innovative product ever for the lift industry. The best engineered features are available with Rotary<sup>®</sup> inground lifts.

### **Environmentally Friendly**

The system comes totally contained in a 6' deep steel enclosure, it is protected, inside and out with our exclusive EnviroGuard™ coating. Oil is trapped inside the containment housing and ground water is locked out to protect the environment and your real estate investment. This coating protects from electrolysis and other harsh contaminates that may reduce the life of the lift.

**Reduced Installation Costs** 

The MOD30 is installed into a 6' deep trench, back filled with pea gravel and capped with concrete eliminating shoring and pit wall construction.

The newly designed modular lift allows configuration for specific vehicle applications, dramatically reduced installation costs and increased environmental safety.

## **NEW VEC™ Equalization and Control System**

The VEC equalization system eliminates the need for metering valves to control the fluid flow while equalizing two or more jack assemblies. This single control system uses a joystick on the control panel to operate the fore and aft location, plus the jack heights. It operates each jack individually for spotting the vehicle and can be switched to raise all jacks simultaneously to maintain level lifting. This system provides infinite speed adjustment from stopped to full for all operations, even raising a vehicle to the right height for tire removal without having to use a

wheel dolly.



Shown: MOD30D43D11X

90,000 lbs. capacity 3-post inground lift

Shown: MOD30D42B2XX 60,000 lbs. capacity nground lift

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Shown: MOD30D43D11X

90,000 lbs. capacity

3-post inground lift

## **System Monitoring and Added Features**

- Memorized wheelbase settings that are programmable to the customers needs for up to 10 vehicle spotting locations
- Real-time wheelbase and height displays
- Operation and maintenance information is easy to access
- Onboard troubleshooting tips are available if the lift should encounter a problem

- On board training guides, as recommended by ANSI standard, help new technicians to learn proper use of the lift
- Preventative maintenance reminders help extend the life of the lift and increase reliability



Our MOD30 lifts meet the ANSI/ ALI ALCTV 1998 standard, including the required third-

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

### You need the best in facility design, we can help you get there... fast!

Whether your facility has 5 lifts or 500, an accurate layout is an important step

to maximizing your space, efficiency and profitability. Each year we assist



hundreds of customers like you with facility planning for service centers. You can't afford costly mistakes that may prevent your facility project from being completed on time. We provide:

- Custom layout of your facility with all lifts placed to provide maximum productivity and shop efficiency
- Vehicle turning radius and traffic flow analysis that matches the types of vehicles you service
- Final drawings in the format that works for you - electronic pdf documents, color prints or CAD drawings that can be imported into your preferred software for a complete architectural package

# **Adapter Rack**

After

**Before** 



Shown: MOD30D42B2XX 60,000 lbs. capacity modular & environmentally safe inground lift





### **Unobstructed Floor** (Productivity)

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.

### Galvanized Shutter Plate Trench Covers (Safety)

Trench covers with stainless steel hinge points increase productivity by eliminating the manual handling of the cover plates. It is self-storing and adjusts

with the front piston to keep the pit covered at all times.

### Patented Universal Saddle Adapter (Productivity)

The saddle adapter is designed for the front or rear post. A selection of adapters and inserts fit in the saddle to lift most heavy-duty vehicles. (U.S. Patent No. 6,471,009) A lower profile version is available for specific transit applications.

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### Electric Drive (Productivity)

A smooth and efficient movement of the front jack assembly allows for multiple wheelbase settings achieved through the electric drive. An auto spotting system allows positioning of the moveable piston without crawling around on the floor.



### The Synchronized Multi-Stage Cylinder

The multi-stage cylinder design reduces lift housing depth to only 6'.

### **Containment Style Design**

The containment housing dramatically reduces installation costs and allows for easy access to all components. This features our exclusive Enviro-Guard™ coating on both the inside and out to reduce electrolysis and deterioration of the lift.

### **Multi-Stage Locks**

Each jack has a 13-position, dual-stage locking mechanism which locks every 4 1/8" starting at 22 1/2" of rise.

# **Optional Pendant Control** (Productivity)

The pendant gives the ability for remote operation from the control console.

### LDS<sup>™</sup> System

Our patented LDS system (US



ROTARY LIF

Patent No. 6,814,187) signals the Lie technician as liquid accumulates in the containment and a built-in access ports allow for easy fluid evacuation.

### Joystick Controls (Productivity)

The control panel has a joystick to operate the system with fully proportional speed control by operating one jack at a time or all of the jacks simultaneously.

### **Control Console**

clear LCD display provides easily visible operational

instructions and lift

information,

status.

The upright control console eliminates the need to bend down to run the lift. The bright



36" Concrete 2" Doam Board 35" ea Gravel



Shown: MOD30D42B2XX 60,000 lbs. capacity modular & environmentally safe inground lift

Three-post models are also available for lifting tandem axle vehicles and articulated buses.

For more information about Rotary<sup>®</sup> products, visit www.rotarylift.com or call 800.640.5438



# **Traditional Inground Lift**



### Front Jack

Hydraulic adjustment allows the front jack to be positioned for various wheelbases, and is available with an optional recessed pocket for an unobstructed floor when the lift is in the down position.

### **Rear Jack**

The 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.

### **Hydraulic Jack Assembly**

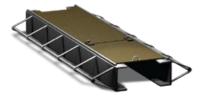
The jack assembly in both the front and rear housing is removable for inspection or repair without the need to break concrete, and each jack has an 18-position locking leg which locks every 3". The jack can be released automatically for lowering without going under the lift.

### **Continuous Trench Design**

The trench design is contained in a concrete vault. This enclosed design allows easy access to all components for inspection and maintenance as well as provides secondary containment.

### **Standard Front Pit Covers**

Front pit covers are movable and eliminate openings in the pit.



### **Surface Mounted Power Unit**

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



### **Optional In-Trench Equalized Power Unit**

While the surface-mounted power unit fits well in many service facilities and can operate one or more lifts, the optional in-trench unit offers many benefits.

- Eliminates the need for additional floor space
- No piping or trenches from the power unit to the controls, for an overall 80% pipe reduction
- Can be removed for service or repair without breaking concrete
- Low noise level unit provides self-equalized operation, no manual

Shown: RU70Q

50,000 lbs. capacity

adjustment when raising and lowering and meets NEC class 1 division 1 standards

### **Optional Push Button Equalized Controls**

Simple push button controls eliminates manual equalization. The control box can be mounted on either the floor or wall. These controls are more economical than electronic counterparts.

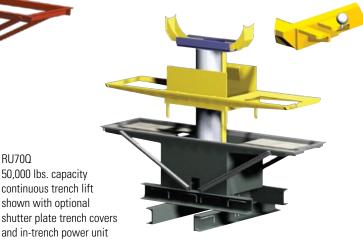


### **Optional Shutter Plate Trench Covers**

This option increases productivity by eliminating the manual moving of the cover plates. It is self-storing and adjusts with the front piston to keep the pit covered at all times.

### 52 & 60 Series Lift

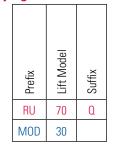
The 52 series lift enables the operator to lift the rear of a vehicle at the axle or wheels by shifting a selection lever.





# **Inground Lift Specifications**

### **Identifying Model Numbers**



### Examples:

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

MOD30 = Modular & environmentally safe inground.

### **Prefix Description:**

MOD Modular & Environmentally Safe Inground lift
None Non-Recessed Front Superstructure
R Recessed Front Superstructure
RURecessed Front Superstructure
with Shutter Plate Trench Covers
Suffix Description
C Continuous Trench Design
for a Surface Mounted Power Unit

for a Surface Mounted Power Unit
Continuous Trench Design for an In-Pit Power Unit
Continuous Trench Design for an Equalized In-Pit Power Unit
Continuous Trench Design for an Air/Oil Tank



### **Tripod Stands - Model RS15**

- 15,000 lbs. capacity
- Spring loaded caster wheels for easy positioning and portability
- Spring assisted height adjustment in 1" increments ranging from 56" to 84"
- 4" fine-tune adjustment
- Shorter version, Model RS52, measuring 38" to 59" is also available
- 33,000 lbs. capacity model also available

### **Specifications**

specifications					
Models:	MOD30/ MOD30 3-Post	52C/52P 52HC	60C/60P 60HC	70C/70P/70Q 70HC	R70C/R70P/R70Q RU70P/RU70Q
Lifting Capacity	60,000 lbs. (27216kg) 90,000 lbs. (40824kg)	16,000 lbs. (7258kg) 13,000 lbs. (5897kg)	20,000 lbs. (9072kg) 18,500 lbs. (8392kg)	50,000 lbs. (22680kg) 24,000 lbs. (10887kg)	50,000 lbs. (22680kg)
Lifting Capacity (front piston)	30,000 lbs. (13608kg)	8,000 lbs. (3629kg) 6,500 lbs. (2948kg)	8,000 lbs. (3629kg) 6,500 lbs. (2948kg)	25,000 lbs. (11340kg) 12,000 lbs. (5443kg)	25,000 lbs. (11340kg)
Lifting Capacity (center piston)	30,000 lbs. (13608kg)	N/A	N/A	N/A	N/A
Lifting Capacity (rear piston)	30,000 lbs. (13608kg)	8,000 lbs. (3629kg) 6,500 lbs. (2948kg)	12,000 lbs. (5443kg) 12,000 lbs. (5443kg)	25,000 lbs. (11340kg) 12,000 lbs. (5443kg)	25,000 lbs. (11340kg)
Power Unit	(2 or 3) 5hp (3.75kw)	5hp (3.75kw) N/A	5hp (3.75kw) N/A	10hp (7.457kw) N/A	10hp (7.457kw) N/A
Pressure	750/900	185 165	185 165	350 N/A	350
Oil Displacement	19.3 gal	34.7 gal	43 gal	49.5 gal	52.6 gal
Rise (front piston)	71" (1803mm)	70" (1778mm)	70" (1778mm)	66" (1676mm)	66" (1676mm)
Rise (rear piston)	63" (1600mm)	74" (1880mm)	67" (1702mm)	69" (1753mm)	69" (1753mm)
Piston Diameter (front piston)	9 1/16" - 7 7/8" (230 - 200mm)	8 1/2" (216mm)	8 1/2" (216mm)	10 5/8" (270mm)	10 5/8" (270mm)
Piston Diameter (center piston)	9 1/16" - 7 7/8" (230 - 200mm)	N/A	N/A	N/A	N/A
Piston Diameter (rear piston)	9 1/16" - 7 7/8" (230 - 200mm)	8 1/2" (216mm)	10 5/8" (270mm)	10 5/8" (270mm)	10 5/8" (270mm)
Std. Adapter Adj. (front piston)	17 15/16" - 44 1/4" (456 - 1124mm)	40 3/4" - 58 3/4" (1035-1492mm)	40 3/4" - 58 3/4" (1035-1492mm)	19 1/8" - 44" (486-1118mm)	19 1/8" - 44" (486-1118mm)
Std. Adapter Adj. (center piston)	17 15/16" - 44 1/4" (456 - 1124mm)	N/A	N/A	N/A	N/A
Std. Adapter Adj. (rear piston)	17 15/16" - 44 1/4" (456 - 1124mm)	27 1/4" - 35" (692-889mm)	19 1/8" - 44" (486-1118mm)	19 1/8" - 44" (486-1118mm)	19 1/8" - 44" (486-1118mm)
Drive-Thru/Over Clearance	recessed	4 1/2" (114mm)	4 1/2" (114mm)	4 1/4" (108mm)	recessed

# Wheel Dolly - Model APO9525 A heavy-duty winch provides ease of operation through 38" (965mm) of vertical travel The hydraulic tilt adjustment enables the lifting arms to match the angle of the spindle Side shifting capabilities allow easy positioning of the load without moving or repositioning the entire wheel dolly



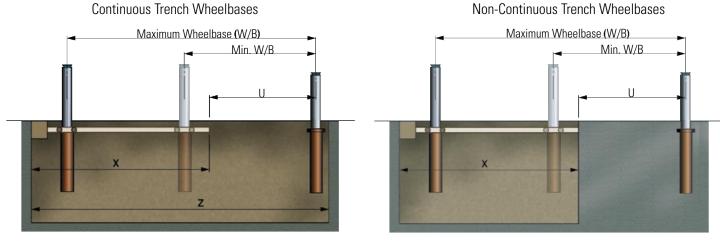
### Productivity Jack -Model GUWSFF5

Rotary<sup>®</sup> productivity jacks are not only for lifting transmissions and removing fuel tanks, they are also the most precise way to remove and install various assemblies.

All of our productivity jacks share the same concept and a broad range of features such as high quality caster wheels and a corrosion prevention system. 1,100 lbs capacity.

Model:	10210C/10210P 10210Q	R10210C R10210P/R10210Q RU10210Q	703C 703P 703Q	R703C R703P/R703Q RU703Q
Lifting Capacity	75,000 lbs. (34020kg)	75,000 lbs. (34020kg)	75,000 lbs. (34020kg)	75,000 lbs. (34020kg)
Lifting Capacity (front piston)	25,000 lbs. (11340kg)	25,000 lbs. (11340kg)	25,000 lbs. (11340kg)	25,000 lbs. (11340kg)
Lifting Capacity (center piston)	N/A	N/A	25,000 lbs. (11340kg)	25,000 lbs. (11340kg)
Lifting Capacity (rear piston)	50,000 lbs. (22680kg)	50,000 lbs. (22680kg)	25,000 lbs. (11340kg)	25,000 lbs. (11340kg)
Power Unit	10hp (7.457kw)	10hp (7.457kw)	10hp (7.457kw)	10hp (7.457kw)
Pressure	350	350	350	350
Oil Displacement	76.2 gal	79.3 gal	72.4 gal	78.5 gal
Rise (front piston)	66" (1676mm)	66" (1676mm)	66" (1676mm)	66" (1676mm)
Rise (center piston)	N/A	N/A	69" (1753mm)	<b>69"</b> (1753mm)
Rise (rear piston)	69" (1753mm)	69" (1753mm)	66" (1676mm)	66" (1676mm)
Piston Diameter (front piston)	(2) 10 5/8" (270mm)	(2) 10 5/8" (270mm)	10 5/8" (270mm)	10 5/8" (270mm)
Piston Diameter (center piston)	N/A	N/A	10 5/8" (270mm)	10 5/8" (270mm)
Piston Diameter (rear piston)	10 5/8" (270mm)	10 5/8" (270mm)	10 5/8" (270mm)	10 5/8" (270mm)
Std. Adapter Adj. (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)
Std. Adapter Adj. (center piston)	N/A	N/A	19 1/8" - 44" (486 - 1118mm)	19 1/8" - 44" (486 - 1118mm)
Std. Adapter Adj. (rear piston)	31 1/2" - 40 1/4" (800 - 1022mm)	31 1/2" - 40 1/4" (800 - 1022mm)	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

# **Inground Lift Specifications**



Trench and Frame Length Chart

Trench and Frame Length Chart

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

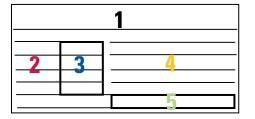
After selecting your lift model from the previous page, follow these 6 easy steps to determine your frame length and overall trench length. You must use your minimum and maximum vehicle wheelbase.

- 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 **area1** 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 U dim. ● and X dim. ● 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).



	A			
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)
<b>0</b> 114" (2896mm)	97.25" (2470mm)	197" (5004mm)	<b>)</b> 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)	<b>12' 3"</b> (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	n (X dimension)	10' 3" (3124mm)	12' 3" (3734mm)	14' 3" (4343mm)

Models:	60C/60HC			
Trench Length	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	n (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	e
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	n (X dimension)	10' 3" (3124mm)	12' 3" (3734mm)	14' 3" (4343mm)

Models:	70C/R70C/70HC	
Trench Length	(Z) = (U) Dimensior	n + (X) Dim
Min. Wheelbase	U Dimension	
88" (2235mm)	70.75" (1797mm)	190" (482
118" (2997mm)	100.75" (2559mm)	220" (558
142" (3607mm)	124.75" (3169mm)	244" (619
166" (4216mm)	148.75" (3778mm)	268" (680
Frame Length	n (X dimension)	12' (3658n

Models:	RU70Q Shutter Pl	ate		
Trench Length	Trench Length (Z) = (U) Dimension + (X) Dim			
Min. Wheelbase	U Dimension			
118" (2997mm)	71" (1803mm)	230" (58		
148" (3759mm)	101" (2565mm)	260" (66		
172" (4369mm)	125" (3175mm)	284" (72		
196" (4978mm)	149" (3785mm)	308" (78		
Frame Length	n (X dimension)	18' (5486		

Models:	70P/R70P/70Q/R	70Q
Trench Length (Z) = (U) Dimension + (X) Dim		
Min. Wheelbase	U Dimension	
95" (2413mm)	70.75" (1797mm)	197" (500
125" (3175mm)	100.75" (2559mm)	227" (576
149" (3785mm)	124.75" (3169mm)	251" (637
173" (4394mm)	148.75" (3778mm)	275" (698
Frame Length	(X dimension)	12' (3658r

Models:	10210P/R10210P/	10210Q/R		
Trench Length	Trench Length (Z) = (U) Dimension + (X) Dim			
Min. Wheelbase	U Dimension			
103" (2616mm)	78.5" (1994mm)	205" (520		
133" (3378mm)	108.5" (2756mm)	235" (596		
157" (3988mm)	132.5" (3366mm)	259" (657		
181" (4597mm)	156.5" (3975mm)	283" (718		
Frame Length	ı (X dimension)	12' (3658)		



ensio	ension + 17.5" (445mm)			
	Max. Wheelba	se		
6mm)	238" (6045mm)	286" (7264mm)		
8mm)	268" (6807mm)	316" (8026mm)		
7mm)	292" (7417mm)	340" (8636mm)		
7mm)	316" (8026mm)	364" (9246mm)		
nm)	16' (4877mm)	20' (6096mm)		

### ension + 17.5" (445mm)

	Max. Wheelbase	е
42mm)	266" (6756mm)	302" (7671mm)
04mm)	296" (7518mm)	332" (8433mm)
14mm)	320" (8128mm)	356" (9042mm)
23mm)	344" (8738mm)	380" (9652mm)
mm)	21' (6401mm)	24' (7315mm)

ensior	ension + 17.5" (445mm)				
	Max. Wheelbase				
4mm)	245" (6223mm)	293" (7442mm)			
6mm)	275" (6985mm)	323" (8204mm)			
5mm)	299" (7595mm)	347" (8814mm)			
(5mm)	323" (8204mm)	371" (9423mm)			
nm)	16' (4877mm)	20' (6096mm)			

### 102100

ension + 17.5" (445mm) Max. Wheelbase 253" (6426mm) 301" (7645mm) )7mm) 283" (7188mm) 331" (8407mm) 69mm) 307" (7798mm) 355" (9017mm) '9mm) 331" (8407mm) 8mm) 379" (9627mm) nm) 16' (4877mm) 240' (6096mm)

Models:	10210DSE/R1021	ODSE		
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: **RU102100 SHUTTER PLATE**

Trench Length (Z) = (U) Dimension + (X) Dimension + 7.5" (445mm)

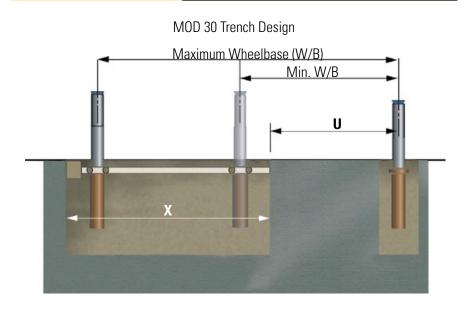
Min. Wheelbase	U Dimension	Max. Wheelbase		
126" (3200mm)	79" (2007mm)	238" (6045mm)	274" (6960mm)	310" (7874mm)
156" (3962mm)	109" (2769mm)	268" (6807mm)	304" (7722mm)	340" (8636mm)
180" (4572mm)	133" (3378mm)	292" (7417mm)	328" (8331mm)	364" (9246mm)
204" (5182mm)	157" (3988mm)	316" (8026mm)	352" (8941mm)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

### Models: **RU102100 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)

Models:	MOD30			
Min. Wheelbase	U Dimension	١	Max. Wheelbase	е
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)











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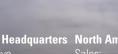


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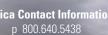
> Rotary World Headquarters North America Contact Information 2700 Lanier Drive

- - - Tech. Support: p 800.445.5438
      - f 800.578.5438
      - e userlink@rotarylift.com
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World Wide Contact Information World Headquarters/USA: 1.812.273.1622 Canada: 1.905.812.9920 European Headquarters/Germany: +49.771.9233.0 United Kingdom: +44.178.747.7711 Latin America/Caribbean: 1.812.273.1622 Middle East/Northern Africa: +49.771.9233.0 Southern Africa: 1.812.273.1622



Madison, IN 47250, USA www.rotarylift.com



- f 800.578.5438
- e userlink@rotarylift.com

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