# Lura ENTERPRISES, INC

**The Screed That Can Take On Any Job.**
**The Impossible Just Takes A Little Longer.**

112 ft Grain Bin

**The Coupling System That Allows You**
**To Adapt To Any Pour Width**

MADE IN USA

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# Lura Enterprises grew out of a need for a product that was built for the Contractor's jobsite.


Wet Screed Shoe

The founder Dennis Lura was a general contractor for 25 years. He tried every screed type on the market and was dissatisfied that no particular screed type could do it all. In his opinion, and that of our company, is that every screed out there has its good qualities but also their draw backs.


Wall Walker

- The truss screed can deliver flat concrete but is heavy, cumbersome to put together, and takes a long time to clean properly. Sloped pours are almost impossible to accomplish with this screed type.
- The weed wacker type screed is fast and cheap, but requires 3 or 4 experienced men to run them properly. They leave bird baths, are hard on your back, and the vibration makes sloped pours extremely difficult to accomplish.
- Laser screeds can deliver flat floors with a good operator, but are very expensive. They are also difficult to use on second floors or higher, and they cannot do slopes with very much grade to them.
- Other roller screeds cannot seamlessly couple the tubes together, and more tubes will be necessary to own to accomplish what Lura does with less tubes. Competitor tubes may be flawed leading to hopping during the pour, leaving a bird bath in the concrete.


Adjustable Curb Runner

Therefore, Lura Enterprises developed the Lura Roller Screed System. Its patented coupling method allows you to customize to any pour with fewer tubes and even pour 30 feet wide or wider. We offer a wide variety of power options from gas to electric, including a battery option. The system also flawlessly works with other time and labor saving attachments we offer. The adjustable curb roller to hang the screed from a form or a curb, dropping in 1/8th inch increments. Our CV joint allows you to create crowns and cambers during the initial pour. There is also the wet screed shoe, wall walker, center pivot for circular pours and the form-a-curb kit to help save time and labor. All this and more in one well thought out screed system. As your business grows you are able to add accessories as you desire, since we do not believe in planned obsolescence. So everything that we produced in 2006 still works with everything we have developed since.

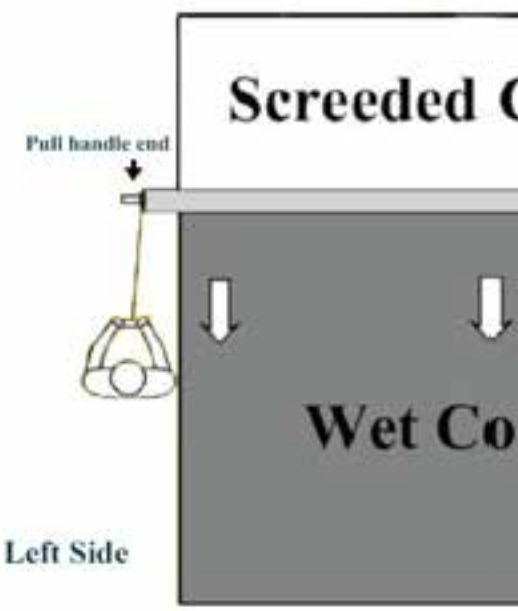
# Flatwork Pours

The Lura Roller Screed has changed the way flatwork is being done. You will be able to screed out more area in less time, with a concrete truck being emptied in five minutes. Pours can be done with less workers eliminating the one or two people needed on a crew. The Lura Screed is for commercial contractors and residential areas alike. As the only threaded axle screed system in the world, the different size tubes allow the Lura Screed to fit any job. This versatility will help your company grow with the number of new projects you can take on. The trueness of the tubes is from zero to seventeen thousandths of an inch of true across 22 feet allowing you to meet your specifications on any pour.

## Wide Pours

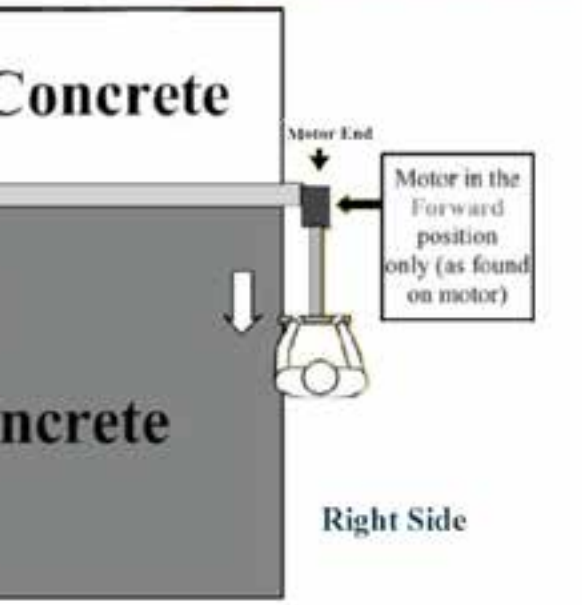
The combination of the powerful engine and lightweight, easy-to-use design make it the product of choice for large, high volume pours. With the standard 50cc motor pours up to 30 feet can be done with ease, and up to 40 feet with our 100cc motor.

There will be some deflection after 22 feet, so in cases where a very flat pour is necessary, screed rails are recommended. However, for some projects sloping or deflection isn't going to affect the outcome. Another suggestion is to break the wide pour into smaller pours that you can manage.




Motor Side Riser Wheel

Motor Side Axle Extension




# How to Use

The Lura Screed is built to be easy to understand. We recommend you have the motor on the right side of the tube due to the right handed coupling staying in a tightening motion. The motor attaches to the hex drive, which is bolted onto the screed. Should more than one screed tube be used they thread together. On the other end is a wall plug with a pull eye, attached to the pull eye is a pull handle to maneuver the other side.

There are gas and electric motor options with standard small engine functionality. The gas motors only use 5w-30 for the gear box and engine.

As seen in the picture to the left, you will always be pulling the screed into the unscreeded area due to the screed rolling away from you this way, being the safest option. Should you need to go back over an area, simply pull on the gas and allow the screed to roll back to the area you need to go back over.

Throughout the rest of this brochure you will find the many accessories that can be used with the system to help get the job done faster and with fewer crew members. Since we do not believe in planned obsolescence, meaning new products no longer function with old products, You can rest assured everything ordered at a later date will continue working with your equipment.

CV Joint

# Special Pours

## Cambered Pours

A Cambered Pour is found in many specific areas where drainage is key to allow for water runoff. Garages and parking lots are examples of areas where water needs to have a way to get off the concrete. You can obtain the drainage slope by using a CV Joint, pictured above. This joint allows you to set the amount of flex needed to create the drain line up to 2%.

## Crowned Pours

A Crowned Pour is generally found in road work. The water needs to be able to flow off the road, so there are no standing puddles. A CV Joint is used to allow for the correct amount of flex. The upward flex as seen in the picture is a visual example of a crowned pour. Crown can be accomplished in a circular pour by using a Center Pin Pivot. You would adjust the height of the Center Pin Pivot to allow for a gentle slope from the center of the pad.

## Drain Pours

Drains are a staple in the concrete world. From garages to parking lots, they are everywhere. For a drain to work properly, there needs to be a certain amount of slope towards the drain itself. The Lura Roller Screed makes pouring drains a breeze with screed pipes.

# Sloped Pours

There are several ways to approach a sloped pour. One method is to start at the top of the pour and let gravity help with the screeding. With the Lura Roller Screed contractors have been able to strike off slopes as steep as 45 degrees and 25-foot wide passes.

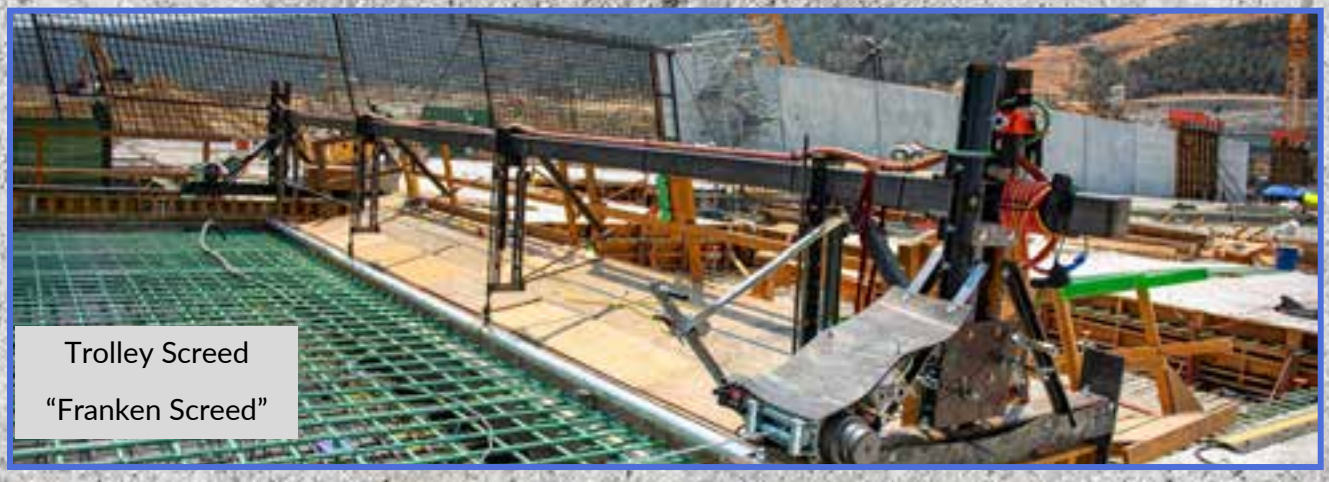
Some contractors will run on screed rails or screed pipes on both ends of the screed for a more accurate monolithic placement. Our patented Wet Screed Shoe is also used for a faster placement and has no screed pipe to fill. Other contractors will pour a bay then skip a bay, for example, they will pour bays 1,3,5,7 then come back and pour bays 2,4,6,8 using a Motor side Riser Wheel. The motor should be on the right-hand side as you are backing down the hill. This will help keep the pipes from loosening because the threaded coupler joint has right handed threads.

# Channel or Canal Pours

On channel or canal slopes some contractors will make up two or three jigs that can span from one side of the canal to the other and hang on the form on either side of the pour. The jig is usually made from 1/4-inch or 3/8-inch thick by 2-inch or 3-inch deep steel. After one bay is poured you should be able to put a man on both sides of the pour and lift the jig. You should not need to fill where the jig was; just bull float from above on the sloped sides and bull float the bottom of the channel by standing in the bottom of the next bay.

# Horizontal/Side Hill Pours

To control the gravity trying to pull the tube down on side hill pours, we would recommend using a screed pipe or screed rail near the bottom of the pour, and contact us about controlling the top of the pour. This method helps control the height of the tube and thickness of the pour. Contractors have poured as steep as 37 degrees using this method.



Trolley Screed

"Franken Screed"

# Circular/ Conical Pours

## Circular Pours

The Lura Roller Screed makes circular pours as easy as 1-2-3. The Center Pin Pivot (patented) has revolutionized how contractors do circular pours. This simple invention allows the center to be adjusted to the desired height and removes the need for additional labor. Set up can be completed in 10 minutes.

A 30-inch-long pipe with a 3/4-inch diameter, is pounded into the center of the pour:

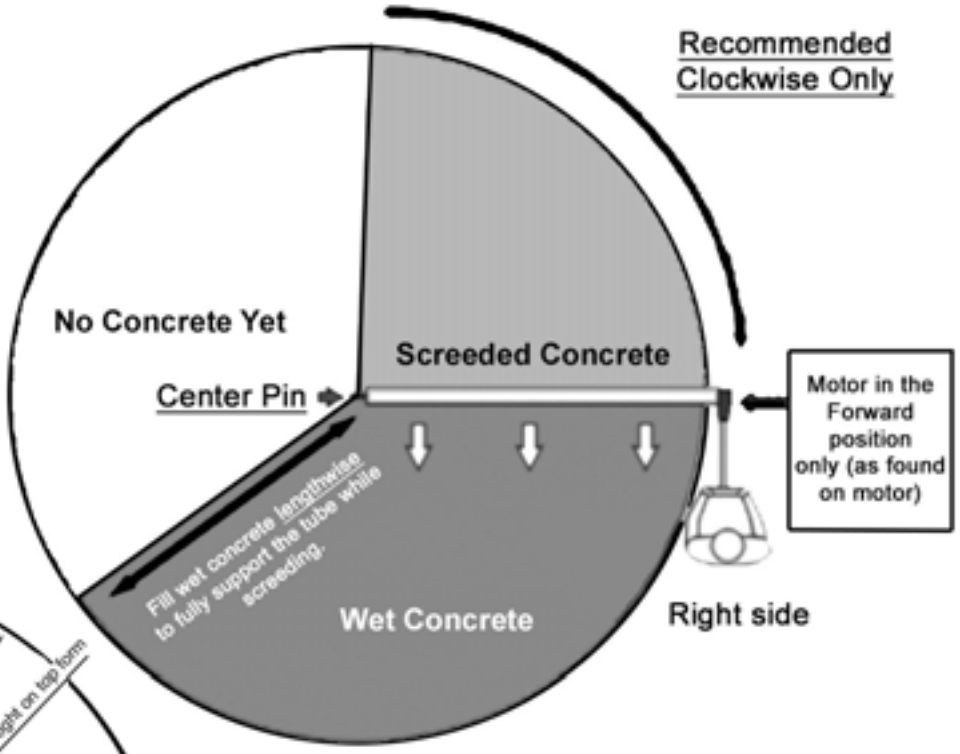
- The top of the pipe must be at least three inches below form height.
- The coil rod insert is then inserted into the pipe.
- Use the two coil nuts to adjust to the desired height.
- Then take the male end of the Lura screed tube and put it through the Center Pin Pivot.
- Lock it on with the UHMW nut, which comes with the Center Pin Pivot.

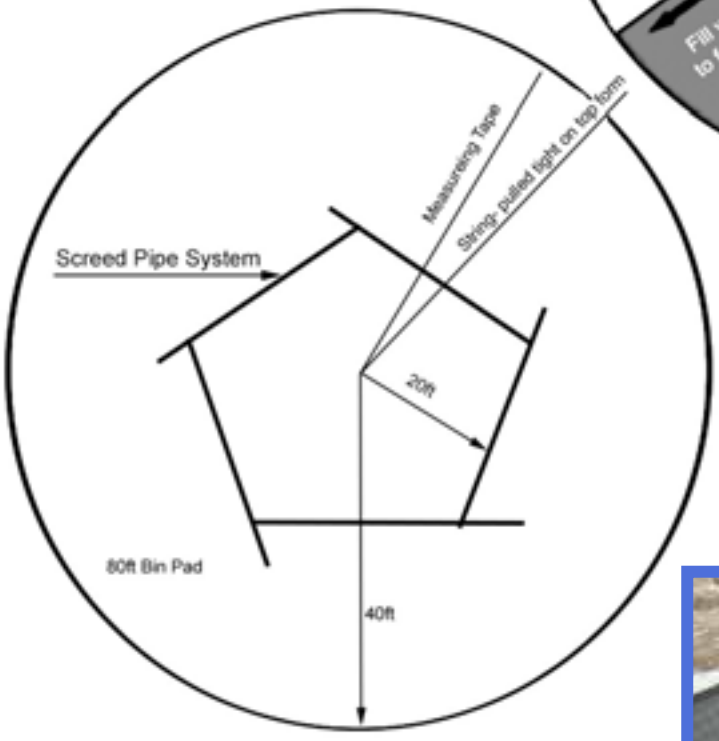
It is important to move the screed in a clockwise direction. If it is necessary to move in a counter-clockwise, the set screws need to be locked down. When finished with the pour, the screed and coil rod pivot are removed. A small amount of concrete will be needed to fill in this area. The pipe will remain in the pour at least three inches below the surface.

## Conical Pours

The conical pour is similar to the circular pour. The Center Pin Pivot is used at the bottom of the conical. Rakers work on a slope going around the cone. This is done to ensure that extra concrete does not pool at the bottom.

A screed pipe or stem wall with a form runner is used at the top to keep the tube in the correct place. The Center Pin Pivot and screed pipe work together to keep the correct height of concrete all the way around. The Lura Roller Screed has significantly decreased the amount of time it takes to pour on a slope.


Recommended
Clockwise Only
No Concrete Yet
Screeded Concrete
Center Pin
Motor in the Forward position only (as found on motor)
Fill wet concrete lengthwise to fully support the tube while screeding.
Wet Concrete
Right side


Measureing Tape
String- pulled tight on top form
Screed Pipe System
20ft
80ft Bin Pad
40ft

# Curb Pours

The Form-a-Curb attachment is one of the more recent time and labor saving developments for the Lura Roller Screed System. With the Form-a-Curb you can pour a 6 inch standup curb using 2-3 or 4 slump concrete, you may need to let it stand for 30 to 60 minutes before touching it with a trowel so it does not fall. Lura Enterprises offers multiple profile options. We also offer a 4 inch drive over curb profile. Crews that use this method for placing their curbs say “It saves a ton of setup time,” Matt Ericson with Camrud-Foss of Moorhead Minnesota.

The Curb system works well with the 100cc gas motor currently available and attaches just like a  screed would with a hex drive. With your choice of a single profile number, you can have up to two different profiles on a system at a time. Equipped with a guide the system allows you to run on the forms and stay at the exact same dimensions whether you are on a straight curb or a curved one.

Pervious Cross Roller

# Pervious Pours

With the move toward a more environmentally friendly pavement, permeable concrete was introduce some time back. This type of pavement is a “no fines” type of pavement that allows water to pass through it.

Pervious concrete provides solutions for runoff stormwater that standard concrete, asphalt, and other traditional surfaces cannot. It ensures that potentially hazardous materials such as oil, fuel, coolant, and other fluids do not reach waterways. Special mixes of pervious concrete also filter fertilizers, nitrates, heavy metals, dangerous minerals, and other pollutants before they reach those same water sources. Pervious concrete also ensures that water doesn’t puddle on walkways, driveways, paths, and parking lots.

Lura Enterprises has worked with Permeable pavement industry leaders to craft products for the Pervious industry. Our tube system allows water to be added for extra weight. We also crafted the Lura pervious Cross roller for cross compaction action, and several different pervious cutting tools as the industry evolved. Currently we have the pervious groovers that work with a standard float rod system.

Pervious Deep Groover

# Motors

The Lura Screed patented pass-through drive on the gas motor gearbox, allows for easy connect and disconnect for right or left sided pours. Built with a Honda motor, this concrete leveling machine delivers staggering abilities to power through virtually anything you can throw at it. The gas motors are perfect for essentially any pour in any well-ventilated environment. There are no pesky hoses or cords crisscrossing across the job-site like hydraulic screed, nor do you need to lose your skid steer to power the Lura Screed like some other screeds.

Additionally, the innovative gearbox allows the flexibility to attach screed tubes on either side of the motor, giving you the freedom to screed on both sides of the motor. Certain extra steps will likely need to be taken if the motor is on the left hand side of the pour however.

Part # LELLS50

The 50cc gas motor is the ideal motor for most businesses. Tackling any pour up to 30 feet wide, it can get just about any job done the typical contractor would have.

Part # LELLS100

The 100cc gas motor gives the extra horsepower and torque a contractor might need for larger pours. Handling up to 40 feet wide pours and the ideal motor for curbs.

Part # LELLS4

The corded electric motor option is the best option if emissions is an issue. Ideally used on indoor pours, this motor does require a generator with 4000 watts and a 20 amp breaker. The power equivalent to the 50cc gas motor, can handle up to 30 feet wide pours.

Part # LELLS120

The 120cc gas motor is a more robust model providing extra horsepower and torque for larger jobs. Capable of being used in the EU, Australia, and California (unlike the 100cc model).

# Tubes

The Lura Roller Screed's aluminum/magnesium/titanium design is lightweight, yet rugged, and capable of spanning 22-feet without deflection. A screed pipe is suggested for over 24 feet if super flat concrete is required.

Our most popular system is the Contractor's Package which comes with a 20-, 12-, 6-, and 4-foot tube. These tubes couple together using our patented male/female threaded system to create over 15 different tube lengths. We can custom cut tubes to any specified length between 2 feet to 26-feet long. The Lura Lightning Screed was designed to be the one tool you use for every pour.

If you need to have the motor on the left side of the pour, you need to make sure that the screws are SET on the female side of the coupler joint. When the pour is done, you will need to make sure you release these set screws.

## Possible Combinations

| TUBE | TUBE | TUBE | TUBE | TOTAL | WITH 21" WALL PLUG | WITH 6" WALL PLUG |
|---|---|---|---|---|---|---|
| 20' | 12' | 6' | 4' | 42' | 44' | 42'6" |
| 20' | 12' | 6' | | 38' | 40' | 38'6" |
| 20' | 12' | 4' | | 36' | 38' | 36'6" |
| 20' | 12' | | | 32' | 34' | 32'6" |
| 20' | 6' | 4' | | 30' | 32' | 30'6" |
| 20' | 6' | | | 26' | 28' | 26'6" |
| 20' | 4' | | | 24' | 26' | 24'6" |
| 12' | 6' | 4' | | 22' | 24' | 22'6" |
| 20' | | | | 20' | 22' | 20'6" |
| 12' | 6' | | | 18' | 20' | 18'6" |
| 12' | 4' | | | 16' | 18' | 16'6" |
| 12' | | | | 12' | 16' | 12'6" |
| 6' | 4' | | | 10' | 12' | 10'6" |
| 6' | | | | 6' | 8' | 6'6" |
| 4' | | | | 4' | 6' | 4'6" |

## Available sizes

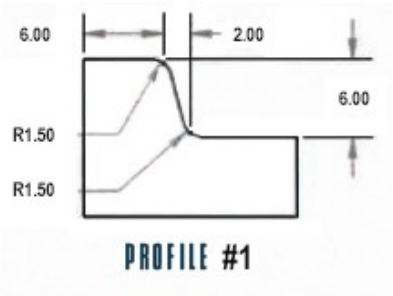
| | |
|---|---|
| 2' | 12' |
| 3' | 14' |
| 4' | 16' |
| 6' | 18' |
| 8' | 20' |
| 10' | 26' |

# Curb Profiles

Lura Enterprises introduced the Curb Profiler at the 2018 World of Concrete. There are several features that make the Curb Profiler unique in the industry. The main barrel can accept a variety of different profiles. This means you will only need one barrel for all 6-inch curbs. There is also a movable guide which allows the operator to control how wide the top of the curb is.

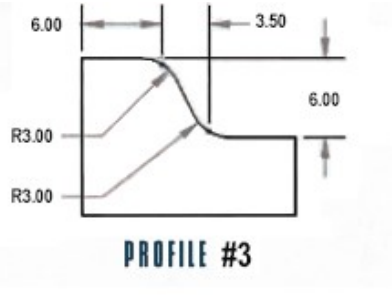
The Curb Profiler attaches to the same power source as your tubes. One Hex Driver would slide into the gearbox and the other would hook into the Curb Profiler. You would then have the barrel spin along the concrete creating the profile selected. The first order of a Curb Profiler comes with everything required to connect to the power source and a profile of choice. You would then need to purchase different heads to attach into the Curb Profile set up.

Part # LECPN

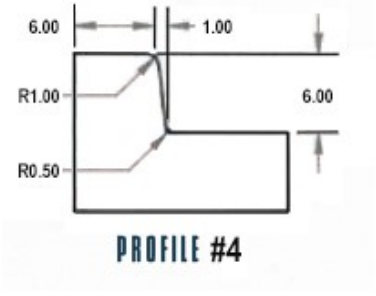


PROFILE #1

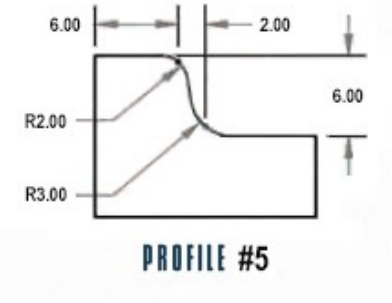
PROFILE #2



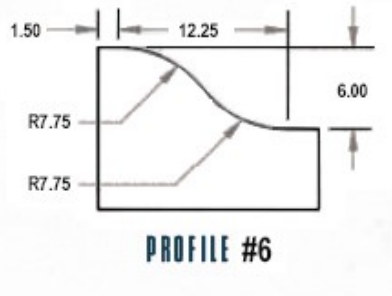
PROFILE #3



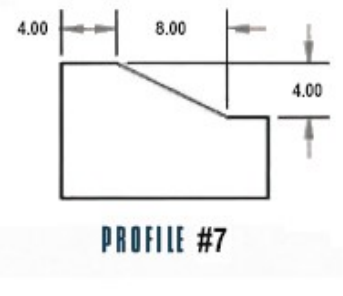
PROFILE #4



PROFILE #5



PROFILE #6



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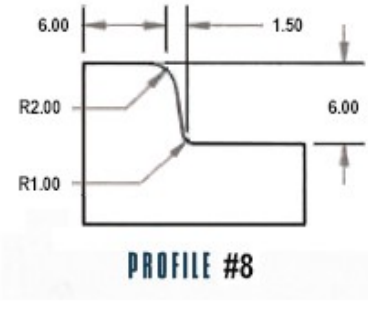
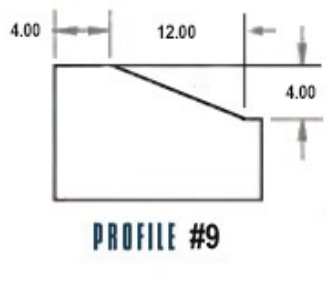


PROFILE #8



PROFILE #9

# Accessories

Part # LEACR24

The Adjustable Curb Runner enables the system to ride on top of an existing curb, form or sidewalk! Greatly reduces finish time on projects by eliminating the need to set forms and perform time and labor-intensive hand screed work. It goes from 0 to 24 inches in eighth-inch increments.

Example on page: 2

Part # LECVJ1

The CV Joint sets the desired pitch. Ideal for applications where a peak is required such as crowns, cambers, or if a slab is running to a drain. The CV Joint can be tightened for flatter results or loosened for greater pitch.

Example on page: 6

Part # LEFR

The Form Runners help significantly reduce the system's wear on metal forms. Simply add grease to the inside of the form runner and slide it onto the tube. It is easy to position the form runner between the screed rotation and the form.

Example on page: 1

Part # LEGBB1

The Center Pin Pivot is a real time saver when it comes to circular pours. A pipe is pounded into the center of the pour with the top of the pipe at least 3 inches below the form height. The Center Pivot is then inserted into the pipe. Use the two coil nuts to adjust to the desired height. It is important to move the screed in a clockwise direction.

Example on page: 8

Part # LEMC

The Motor Cradle mounts to the side rail of your truck or job trailer. It keeps the motor upright and can be locked for security.

Example on page: 1

Part # MSAE

Motor Side Axle Extension enables the motor to be inside the pour with tubes on both sides of the motor. This would typically be used if there are obstructions on both sides, such as a pole barn or a basement.

Example on page: 4

# Accessories

Part # LEMSRW

The Motor Side Riser Wheel elevates the Lura Roller Screed system 1/8-inch above the pour. It is used when pouring next to an existing slab. This helps protect the tube from damage done by the existing pavement, taking excessive stress off the unit to prevent premature wear.

Example on page: 1

Part # LEPCR1

The Pervious Cross Roller provides solid compaction on every pour. The Cross Roller weighs 75 pounds and attaches to a bull float handle. The brush attachment keeps the tools clean and free of debris during use.

Example on page: 10

Part # LEPSG

The purpose of the Pervious Shallow Groover is to create a control joint in pervious concrete. The new design decreases the chance of raveling. This groover goes 3/4-inch into the concrete.

Example on page: 10

Part # LEPDGWG

The purpose of the Pervious Deep Groover is to create a control joint in pervious concrete. The new design decreases the chance of raveling. This groover goes 2 inches into the concrete.

Example on page: 10

Part # LESW

The Spanner Wrenches are used when coupling and uncoupling the tubes. **MAKE SURE THE SET SCREWS ARE LOOSENED BEFORE USING THE SPANNER WRENCHES.** There are grooves on the tubes (under the black cap plugs) that the Spanner Wrenches fit into. These grooves help line up the movement needed to uncouple the tubes.

Example on page: 1

Part # TOTE- GAS

The Tote is comprised of items that the contractor needs to keep their Lura Roller Screed running smoothly. These items are included in the price of the TOTE: Owner's Manual, Honda Motor Manual, Can of 6-way Oil, Black & White Plugs, D-Clips, and Spanner Wrenches.

Example on page: (as seen)

# Accessories

Part # LETCS2

The Tripod Stands are required for proper threading of the Lura Screed Tubes, easy set up, and clean up on the job-site or anywhere. They are lightweight and collapse for easy transportation. They are critical when it comes to getting the tubes together properly or to get them apart on the job-site.

Example on page: 1

Part # TROLLEY

Constructed of quarter- or half-inch steel, the Trolley System is supported by eight concave rollers each capable of carrying a metric ton of load. It runs on pipes as large as 2.5 inches outside diameter. The Trolley's multiple adjustment points come at both ends of the pour as well as each CV joint on the trolley frame.

Example on page: 6

Part # LEAWP11

The 6" Wall Plug is specially designed to enable the screed tube to be placed directly next to a wall. This accessory has a built-in riser wheel which helps protect your investment. Both the 6 - and 21-inch wall plug come standard with the Contractor Package.

Example on page: 3,4

Part # LEAWP31

The 21" Wall Plug is specially designed to enable the screed tube to be placed directly next to a wall. This accessory has a built-in riser wheel which helps protect your investment. Both the 6- and 21-inch wall plug come standard with the Contractor Package.

Example on page: 3,4

Part # LEWW

This unique accessory allows the screed tube to adjust to a raised wall situation due to its ability for the contractor to adjust to greater lengths with the use of a 2x4. The Wall Walker adjusts in 1/4-inch increments and eliminates the need for a screed pipe.

Example on page: 2

Part # LEWSH1

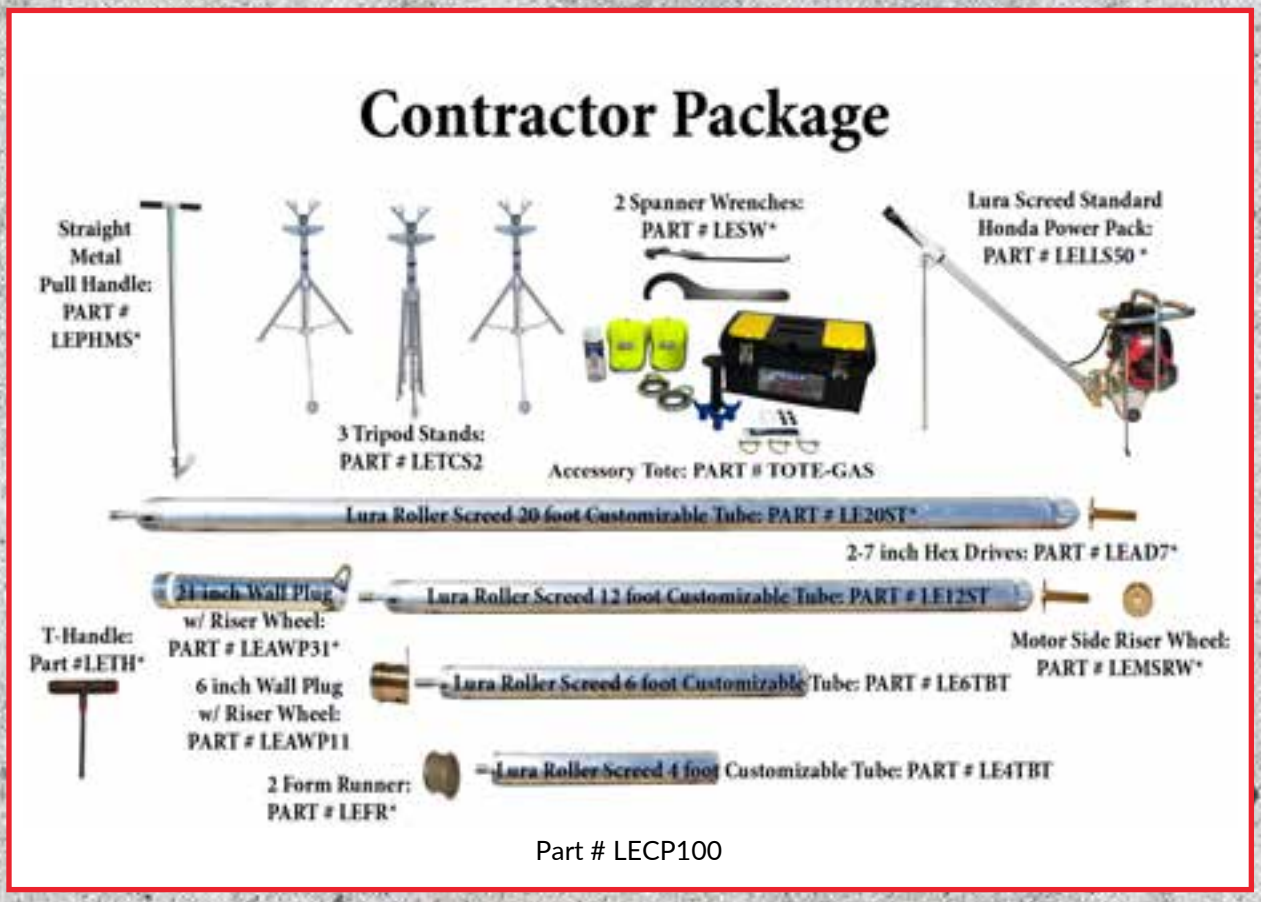
The Wet Screed Shoe determines proper height and speed on sloped pours. It also allows you to pour side-by-side with your wet pours. The shoe eliminates extra work by allowing the handle end to float across the top of the previous pour.

Example on page: 1

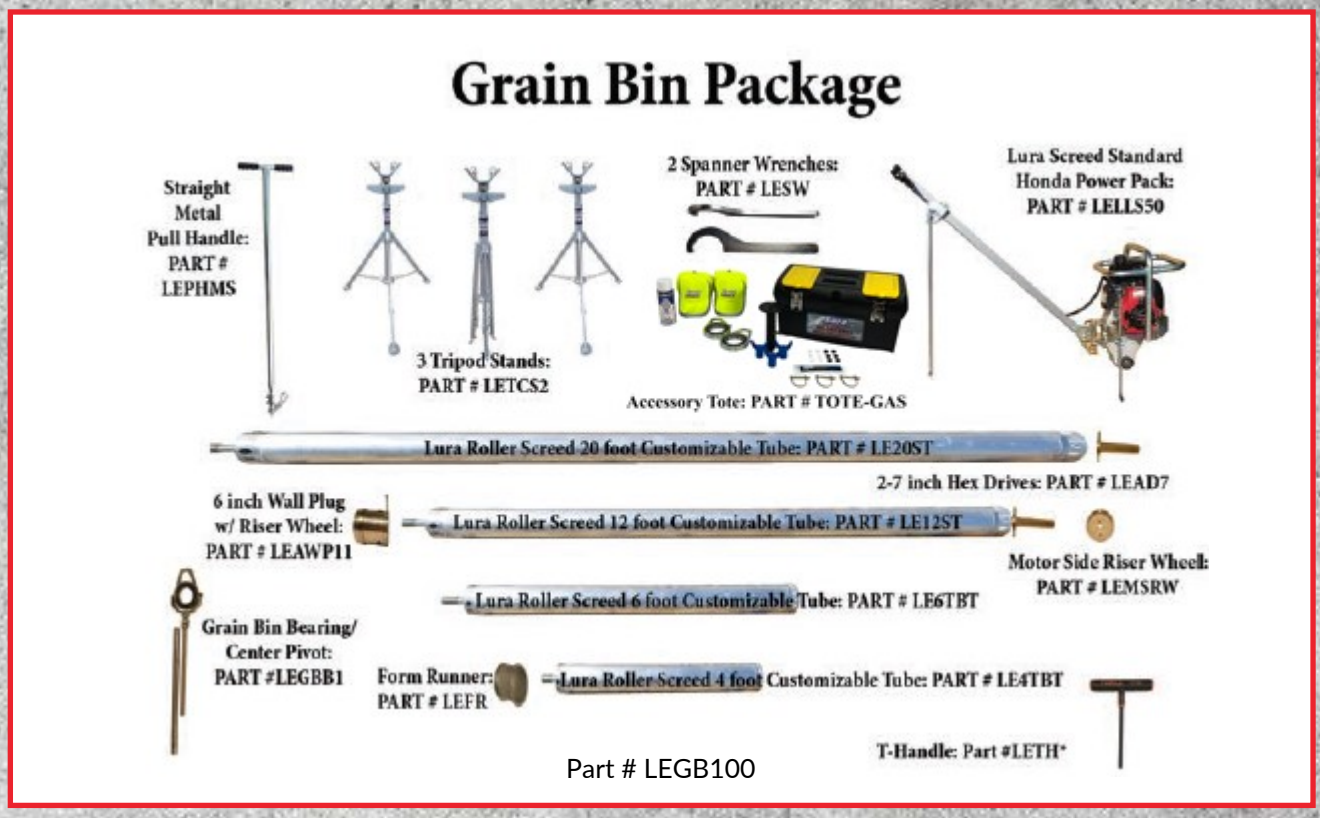
| Part # | Description | Qty |
|---|---|---|
| LELLS50 | Honda 50cc Motor | 1 |
| LE20ST | 20ft Tube | 1 |
| LE12ST | 12ft Tube | 1 |
| LE6TBT | 6ft Tube | 1 |
| LE4TBT | 4ft Tube | 1 |
| LEAWP11 | 6in Wall Plug w/ Riser Wheel | 1 |
| LEAWP31 | 21in Wall Plug w/ Riser Wheel | 1 |
| LETCS2 | Tripod Stands | 3 |
| LEPHMS-STRAIGHT | Straight Metal Pull Handle | 1 |
| LEMSRW | Motor Side Riser Wheel | 1 |
| LETH | 5/16” T-Handle | 1 |
| LEAD7 | 7in Hex Driver | 2 |
| LEMFC-KIT | 25 Mako FinCaps & 1 Driver | 1 |
| LEFR | Form Runner | 2 |
| TOTE-GAS | Fully Loaded Tote | 1 |
| LESW (IN TOTE) | Spanner Wrench (Set of 2) | 1 |

# Contractor Package

The Contractor Package was designed to offer the contractor a wide range of options. We wanted to eliminate confusion about what to use for each application by putting everything into one convenient bundle. The Contractor Package offers 44 feet of screed tube and over 15 different combinations. With features like Riser Wheels and Form Runners you can protect your investment. The three tripod stands make assembly on the job-site a breeze. One person can assemble and disassemble the tubes in minutes. Versatility and convenience were at the forefront when creating the Lura Roller Screed. Therefore, the smallest crews (two) to some of the largest construction companies in the world have discovered the time and labor-saving advantages of the Lura Roller Screed System.




Part # LECP100




Part # LEGB100

# Grain Bin Package

This package offers everything needed for grain bin applications in one convenient bundle. The beauty of this bundle is that crews can customize to fit their pour.

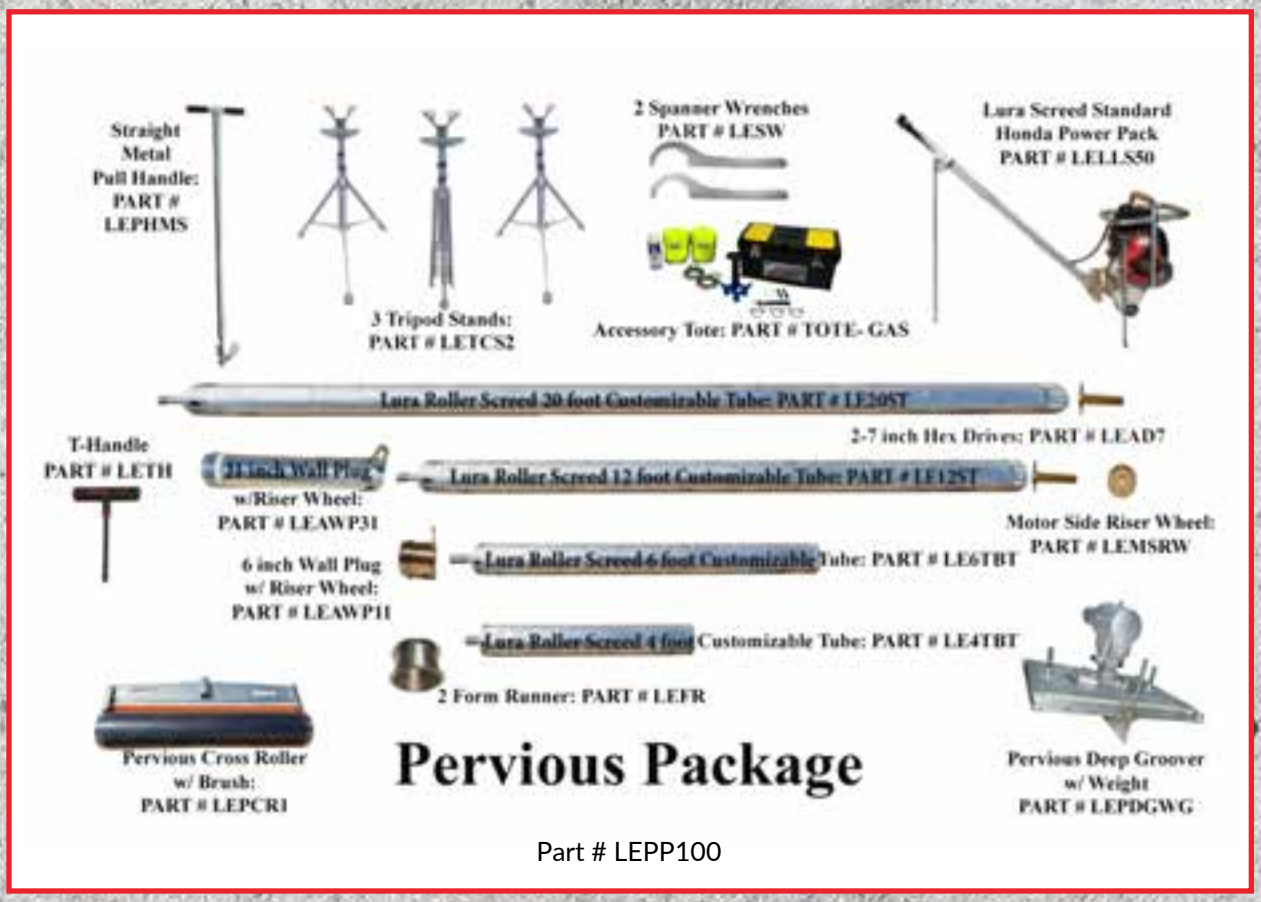
The Center Pin Pivot replaces the handle of the screed. This simple invention has revolutionized the way contractors do circular pours by allowing the center to be adjusted to the desired height. The Center Pin Pivot also removes the need for a person to operate the non-motor side which helps with labor. Contractors are pouring larger pads with less workers.

| Part # | Description | Qty |
|---|---|---|
| LELLS50 | Honda 50cc Motor | 1 |
| LE20ST | 20ft Tube | 1 |
| LE12ST | 12ft Tube | 1 |
| LE6TBT | 6ft Tube | 1 |
| LE4TBT | 4ft Tube | 1 |
| LEAWP11 | 6in Wall Plug w/ Riser Wheel | 1 |
| LETCS2 | Tripod Stands | 3 |
| LEPHMS-STRAIGHT | Straight Metal Pull Handle | 1 |
| LEMSRW | Motor Side Riser Wheel | 1 |
| LETH | 5/16” T-Handle | 1 |
| LEAD7 | 7in Hex Driver | 2 |
| LEMFC-KIT | 25 Mako FinCaps & 1 Driver | 1 |
| LEFR | Form Runner | 2 |
| TOTE-GAS | Fully Loaded Tote | 1 |
| LESW (IN TOTE) | Spanner Wrench (Set of 2) | 1 |
| LEGBB1 | Center Pin Pivot | 1 |

| Part # | Description | Qty |
|---|---|---|
| LELLS50 | Honda 50cc Motor | 1 |
| LE20ST | 20ft Tube | 1 |
| LE12ST | 12ft Tube | 1 |
| LE6TBT | 6ft Tube | 1 |
| LE4TBT | 4ft Tube | 1 |
| LEAWP11 | 6in Wall Plug w/ Riser Wheel | 1 |
| LEAWP31 | 21in Wall Plug w/ Riser Wheel | 1 |
| LETCS2 | Tripod Stands | 3 |
| LEPHMS-STRAIGHT | Straight Metal Pull Handle | 1 |
| LEMSRW | Motor Side Riser Wheel | 1 |
| LETH | 5/16” T-Handle | 1 |
| LEAD7 | 7in Hex Driver | 2 |
| LEMFC-KIT | 25 Mako FinCaps & 1 Driver | 1 |
| LEFR | Form Runner | 2 |
| TOTE-GAS | Fully Loaded Tote | 1 |
| LESW (IN TOTE) | Spanner Wrench (Set of 2) | 1 |
| LEPDGW | Deep Groover w/ Weight | 1 |
| LEPCR1 | Cross Roller | 1 |

# Pervious Package

It’s beginning to seem that the entire world is going green. And with the Lura Roller Screed and its line of pervious concrete finishing tools, you’ll be ready to grow your own green business. Pervious concrete, also known as “No Fines” or “Permeable” concrete, allows water to flow through it, making it ideal for storm water run-off control and earning LEED certification in most cases. The tubes are lightweight but have the option to be filled with water. This feature is ideal for pervious concrete because it allows you to customize the compaction. Each one-foot section weighs 4.5 lbs. but can reach 11 lbs. when filled. This eliminates the need for sandbags or additional weight.




Part # LEPP100


# Minimum Package

This package offers everything needed for the system to function in one convenient bundle. The beauty of this bundle is that crews can customize to fit their pour.

We wanted to eliminate confusion about what is the minimum equipment required, so we created this bundle to give the budget conscious an idea of what is needed. With features like Riser Wheels and Form Runners you can protect your investment. One person can assemble and disassemble the tubes in no time. Versatility and convenience were at the forefront when creating the Lura Roller Screed. Therefore, the smallest crews (two) to some of the largest construction companies in the world have discovered the time and labor-saving advantages of the Lura Roller Screed System.

| Part # | Description | Qty |
|---|---|---|
| LELLS50 | Honda 50cc Motor | 1 |
| LE12ST | 12ft Tube (Changeable) | 1 |
| LEAWP31 | 21in Wall Plug w/ Riser Wheel | 1 |
| LEPHMS-STRAIGHT | Straight Metal Pull Handle | 1 |
| LEMSRW | Motor Side Riser Wheel | 1 |
| LETH | 5/16” T-Handle | 1 |
| LEAD7 | 7in Hex Driver | 2 |
| LEFR | Form Runner | 2 |
| LESW | Spanner Wrench (Set of 2) | 1 |

# Maintenance FAQs

## What type of gasoline should I use?

The use of high octane gasoline (91-102) is recommended for optimal power. Using a high octane gasoline will not void the warranty. This type of gasoline also has a longer shelf life than regular octane gas.

## What type of oil does the Honda engine and gearbox use? How much?

The motor and gearbox use Mobil 1 synthetic 5w-30 motor oil. The Honda motor calls for 8 ounces and the gearbox needs 16 ounces. To check the oil level; lean the motor FORWARD about five degrees and fill the motor oil to full. Oil level that is lower than this may result in the motor not running right, due to the oil sensor. To change the oil in the gearbox use the drain plug located under the clevis.

## How do you adjust the idle?

There is a black screw located under the gas tank, turn CLOCKWISE to turn up the idle and COUNTERCLOCKWISE to turn the idle down.

## Should I put anything into the gas tank to prevent buildup?

It is suggested that you put something in the gas tank to prevent buildup, such as Sea Foam or Stabil (a gas additive) on a regular basis. Sea Foam will prevent varnish from forming as the shelf life of gasoline is very short. It is available at most automotive stores and Wal-Mart. We also provide a gasoline additive called Opti-Mizer Max. This will treat 5 gallons of gas and works on a molecular level to keep your carburetor clean.

## Why are there two kickstands on my motor?

The small kickstand under the motor gives the motor a three-point stance keeping it upright at all times. The large kickstand on the handle is spring loaded and is engaged by pushing the 1/2-inch round rod on the left side.

# Usage FAQs

## At what length is there deflection? How much? When Should I use a screed pipe?

Lura tubes are straight up to 22 feet. At 25 feet there is approximately 3/16-inch deflection. If you are planning on pouring 25 feet or wider, and need super flat concrete, we recommend using a screed pipe or a screed rail.

## Where is the kill switch located?

The kill switch is located on the handle under the black plastic cap at the top.

## Why does my motor run just fine and then shuts off?

If you tilt the motor more than 20 degrees forward or backward when you are screeding, the oil sensor shut off may power the motor down. You can control this by adjusting the clevis where the operating handle and gearbox meet. First, pull the pin out of the clevis. Next, adjust the handle to a point where the motor is in an upright position. Finally, slide the pin into the proper hole to keep it in the proper position. Also make sure that your six pack is not hitting the kill switch, or it may be a be a half ounce low of oil.

## Is there anything that needs to be done to have the motor on the left side?

It is a good idea to have the motor on the right side of the pour because of the right-handed tube threads, which will continuously tighten. If it is necessary to have the motor on the LEFT side, you must set the SET SCREWS on the tube, the tubes stay together. The plastic white caps cover the SET SCREWS. Make sure to disengage the SET SCREWS BEFORE dismantling. You do not want to try to force the tubes apart with them engaged, it could damage the tube threads.

## Why has my RPM gone down?

Sometimes the vibration from the motor causes the set screw on the throttle cable to loosen. You need to loosen the set screw more and adjust the cable back to where it is just starting to engage the Centrifugal Clutch (starts the tube spinning) and tighten the set screw again. Motor needs to be running to do this.

If not the first solution, it could be the jet on your motor has become clogged and needs cleaning, or you are working at a different altitude than the jet is for, so you will need a different jet from us to use at your altitude.

Lura just builds things like they used to in America!
Dependable and durable products!
Aviation grade screed tubes giving super flat pours!


50’ Diameter Bin


Wakota Bridge


Orville Dam


35° Uphill Pour

Our machines work hard so you don’t have to!

MADE IN USA

We Fight Cancer
The Concrete Way...
"1 Yard At A Time"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