



# IMPORTANT!



READ THIS MANUAL BEFORE OPERATING MACHINE.

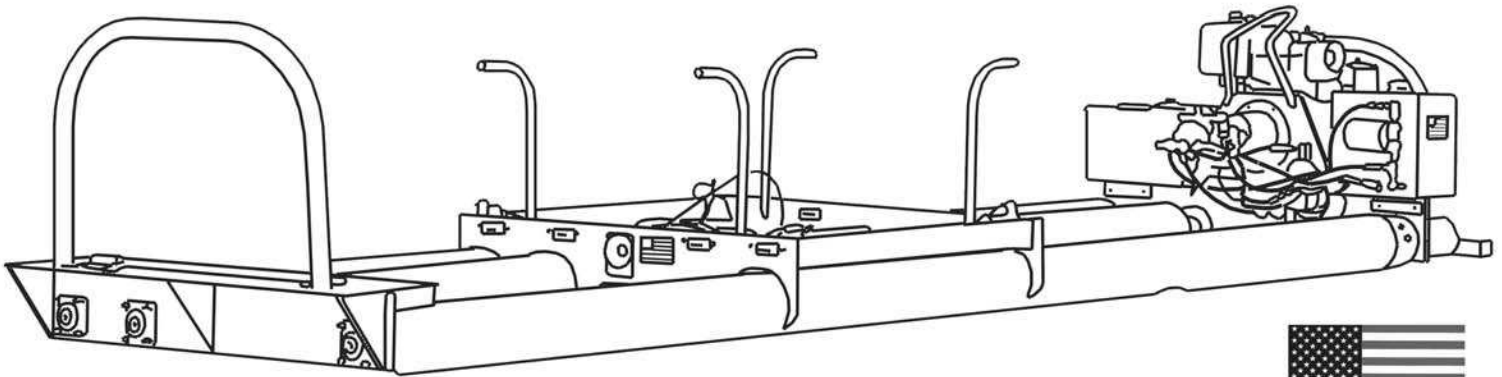
OPERATOR'S HANDBOOK, MAINTENANCE, SERVICE &

# PARTS MANUAL

TERRAMITE CORPORATIONS

SINCE 1965

*Roller Screed*<sup>TM</sup>



MADE IN THE USA



*“Backed by a World of Experience”*

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Courtesy of Machine.Market

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**NOTE:** Continuing product changes and/or improvements are part of Terramite's corporate goal; therefore, you may see changes to your machine that are not shown in this manual.

**If you have any questions of our product or this manual we welcome your call.**

# TO OWNER-OPERATOR

This new ROLLER SCREED was carefully designed to give you dependable service. To keep it running safely and efficiently, read and follow the directions in this manual before assembly and use.

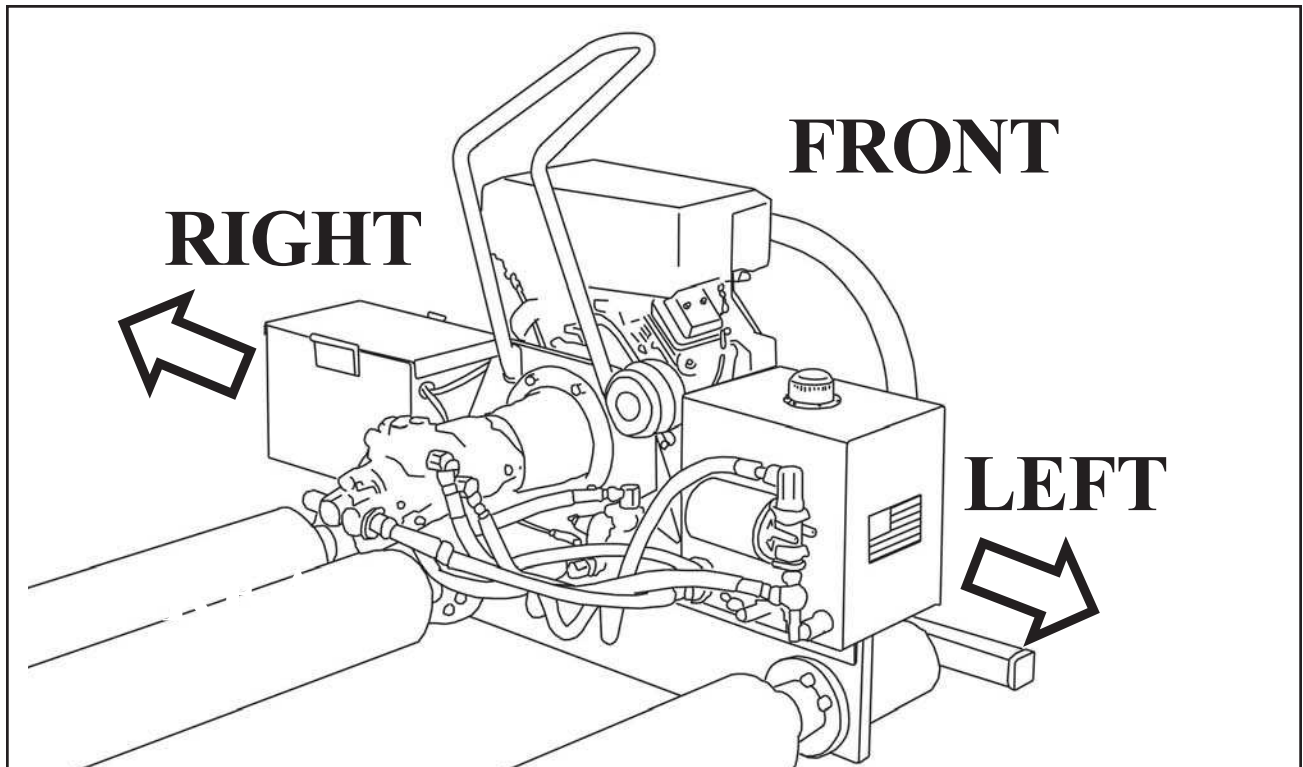
NOTE that throughout this manual, directions LEFT, RIGHT, FRONT, and REAR are in relation to the position of the operator at the controls.

Due to model and design changes, drawings in this manual may not exactly match your machine. If you furnish us with the serial number when ordering parts, this will assure the right parts are shipped. Take time **NOW** to fill in the information below, so you will have it handy when ordering parts:

**Serial No.** \_\_\_\_\_

**Date Purchased** \_\_\_\_\_

**Engine No.** \_\_\_\_\_



# SAFETY INFORMATION

## FOR YOUR SAFETY!

These safety precautions should be followed at all times. Failure to follow these safety precautions could result in serious injury or death to your self and others. The safety precautions listed below apply not only to this machine but other units as well. You must review these precautions with all personnel who will be using or near the machine.



**WARNING:** Gasoline is flammable and it can explode if ignited. Store it only in approved containers away from sparks or flames. Do not fill the fuel tank while the engine is hot as the fuel may ignite. Do not use gasoline as a cleaning agent.

**WARNING:** Batteries contain sulfuric acid, avoid contact with skin, eyes, and clothing. Batteries give off explosive hydrogen gas. Keep all sources of ignition away from the battery at all times.

**WARNING:** The engine can get hot during operation. To avoid burns, do not touch the engine while it is running or after it is turned off. Do not operate the engine with guards removed.

**WARNING:** Before servicing the engine or equipment, always disconnect the spark plug leads to prevent the engine from starting accidentally. Ground the leads to prevent sparks that could cause fires. Make sure the machine is in neutral.

**WARNING:** Engine exhaust gases produce poisonous carbon monoxide, an odorless and colorless gas. If inhaled it can cause death. Never run an engine in an enclosed space.

**WARNING:** Keep hands, feet, hair, and clothing away from all moving parts to prevent injury. Never operate engine with covers, shrouds or guards removed.

**WARNING:** Some of the components on the machine are heavy. Have some assistance before beginning any task that requires removal of heavy parts.

**DANGER:** Do not attempt to start or operate machine except from the operator's position. Failure to operate from proper position may result in serious injury or death.



**DANGER:** Do not leave the machine running unattended. Failure to observe this safety precaution may result in serious injury or death.

**DANGER:** Always operate the control levers from the operator's position. Failure to observe this safety precaution may result in serious injury or death.

**DANGER:** When in operation allow only the operator to operate the machine. Failure to observe this safety precaution may lead to serious injury or death.

**DANGER:** When moving the machine by the lifting cradle, do not allow anyone under the unit. Note the condition of the wire rope and crimps and replace when damaged or worn. The cam lock pin prevents the cradle cam from opening during moving. If the cradle cam were to open, the unit would fall. If the cam lock pin is missing the unit must not be used until repaired. Failure to follow these safety precautions may lead to serious injury or death.

**DANGER:** Do not change the relief valve setting. It is preset at the factory for optimum machine safety and performance. Failure to follow this safety precaution may lead to serious injury or death.

**DANGER:** Escaping hydraulic fluid under pressure can cause serious injury. Always relieve pressure before disconnecting any hydraulic lines. Before putting pressure on lines, be sure all lines, hoses and pipes are undamaged and that all connections are tight. Fluid escaping from a very small hole can be almost invisible; wear gloves and use a piece of cardboard or wood, rather than hands to search for leaks. If injured by escaping fluid, see a doctor at once. Serious infection or reaction will result if proper medical treatment is not administered promptly. Obtain a doctor who understands the nature of hydraulic fluid injuries. Failure to follow these safety precautions may lead to serious injury or death.

**DANGER:** The tube assembly is very heavy. It will be necessary to use a powered lifting device. Each tube weighs approximately 20 pounds per foot. Failure to follow this safety precaution may lead to serious injury or death.

**DANGER:** The tube assembly can roll very easily. When being assembled the assembly must be prevented from rolling from the work area. Failure to follow this safety precaution may lead to serious injury or death.

**DANGER:** Welding and grinding produce sparks and dangerous gas. Only qualified personnel are to perform such tasks. Failure to follow this safety precaution may lead to serious injury or death.

# SAFETY RULES

Operator safety is extremely important in the design of your ROLLER SCREED. Guards, shields and other safety features are built in wherever possible. You can avoid accidents by OBSERVING and ENFORCING the SAFETY RULES listed. Make sure everyone knows and understands these rules. Failure to follow and observe these safety rules may lead to serious injury or death:



**DANGER:** DO NOT ATTEMPT TO START OR OPERATE MACHINE EXCEPT FROM THE OPERATOR'S POSITION.

**DANGER:** DO NOT LEAVE THE MACHINE RUNNING UNATTENDED.

**DANGER:** ALWAYS OPERATE CONTROL LEVERS FROM OPERATOR'S POSITION.

**DANGER:** WHEN IN OPERATION, ALLOW ONLY THE OPERATOR TO OPERATE THE MACHINE.

**DANGER:** WHEN TRAMMING THE MACHINE, MOVE ALL PERSONNEL FROM ITS PATH.

**DANGER:** WHEN TRANSPORTING THE MACHINE BY THE LIFTING CRADLE, DO NOT ALLOW ANY PERSONNEL UNDER THE UNIT.

**DANGER:** DO NOT CHANGE THE HYDRAULIC RELIEF VALVE SETTING. IT IS SET AT THE FACTORY.

**DANGER:** ESCAPING HYDRAULIC FLUID UNDER PRESSURE CAN CAUSE SERIOUS INJURY. ALWAYS RELIEVE PRESSURE BEFORE DISCONNECTING ANY HYDRAULIC LINES. BEFORE PUTTING PRESSURE ON LINES, BE SURE ALL LINES, HOSES AND PIPES ARE UNDAMAGED AND THAT ALL CONNECTIONS ARE TIGHT. FLUID ESCAPING FROM A VERY SMALL HOLE CAN BE ALMOST INVISIBLE, WEAR GLOVES AND USE A PIECE OF CARDBOARD OR WOOD, RATHER THAN HANDS TO SEARCH FOR LEAKS. IF INJURED BY ESCAPING FLUID, SEE A DOCTOR AT ONCE. SERIOUS INFECTION OR REACTION WILL RESULT IF PROPER MEDICAL TREATMENT IS NOT ADMINISTERED PROMPTLY. OBTAIN A DOCTOR WHO UNDERSTANDS THE NATURE OF HYDRAULIC FLUID INJURIES.



# SETUP

Your machine consists of 4 basic components:

1. POWER UNIT. . . Consisting of the engine, hydraulic transmission, torque motors, etc.
2. ROLLERS. . . Consisting of the Oscillating Roller which can be identified by the cotter pin drilled in the apex of the hex shaped collar. The oscillating roller works on an eccentric. It normally rotates opposite to the forward direction of travel. This roller, located at the front of the machine, vibrates and flattens the concrete to grade.

The Tram Rollers which can be identified by the cotter pin hole drilled on the flat of the hex-shaped collar. There are two tram rollers on the machine. They propel the machine forward and reverse.

*Your ROLLER SCREED is designed so that you cannot install the Oscillating Roller or a Tram Roller in place of each other.*

3. IDLER ASSEMBLY. . . provides support for the alignment to the rollers. The idler assembly is the rear of the machine.
4. LIFTING CRADLE. . . provides a means to easily lift, move and transport the machine.

# ASSEMBLY

Once you have identified the Oscillating Roller and Tram Rollers, you may begin assembly of the machine... Place the power unit on a level surface, supported by two 4 x 4's. Liberally lubricate the hex-shaped shafts and collars with grease. Start with the rear tram roller, assembling it to the machine first, then the next tram roller, then the oscillating roller last. Support the tube, align the hex-shaped shaft on the power unit with the hex collar on the tube and push. Be sure to align the holes in the collar and shaft.

When holes are aligned, insert and bend the cotter pins supplied. Installation of the idler assembly proceeds the same way. It may be necessary to raise the oscillation tube slightly with a lever, to allow it to slide into position.

# OPERATION

Fill the unit with regular gas, check motor oil and hydraulic oil levels. Note the position of the engine kill switch. It may be necessary to use the choke located on the left side of the engine. Turn the engine key switch to start engine.

The machine has two levers which control its operation. The UPPER LEVER or TRAMMING LEVER control forward and reverse movement of the entire machine. The LOWER LEVER or OSCILLATING LEVER controls motion of the front tube.

Move the tramming lever. Note the operation of the return spring when you release the lever.



**DANGER:** When the machine is running it must remain motionless when in neutral position. If the machine does not remain motionless in neutral position it will be necessary to adjust or replace the centering spring. Refer to the service procedure that outlines these steps.

Engage the oscillating lever. Note the fast spinning and reverse direction. This lever will remain engaged until released by the operator. Disengage the lever and push it to the lower position. This will reverse the direction of the roller rotation. Normal rotation of the roller is with the lever up. The oscillating roller will operate with the machine in forward, reverse or neutral.

## OPERATING TIPS

As with any piece of equipment, it takes a short period of time before an operator becomes efficient with the machine. You as an operator will have a certain way you wish to do a job. Below are some basic guidelines to help you get started:

- ◆ Place concrete uniformly in front of the machine.
- ◆ Try to avoid large deposits of concrete in one spot. This helps keep the machine straight.
- ◆ If the machine should become turned, it can be straightened by holding back on the idler assembly while tramming the machine forward or reverse, or by holding a shovel against the front tube.
- ◆ Avoid excess spillage over the top of the forms. This prevents the machine from “hopping” over the aggregate. During normal operation it will be necessary to sweep or shovel excess concrete from in front of the machine.

We believe you'll find that the instant forward and reverse of the ROLLER SCREED will make your job easier and you'll finish even low slump concrete quickly.



# LUBRICATION & PERIODIC SERVICE

## HYDRAULIC SYSTEM

- ◆ Check oil level in the reservoir daily.
- ◆ To drain the oil from the reservoir tank, remove worn clamps from the sump line. Pull sump hose from transmission - allow oil to drain completely. Dispose of properly in accordance to Federal, State and Local laws. Remove sump strainer - wash in solvent - dry thoroughly and replace in reverse order. Fill the system with recommended oil until it reaches proper level.

## RECOMMENDED HYDRAULIC OILS

The hydraulic system will perform best with the use of a premium 10-W-40 motor oil, Type SF CC CD.

## POWER SYSTEM

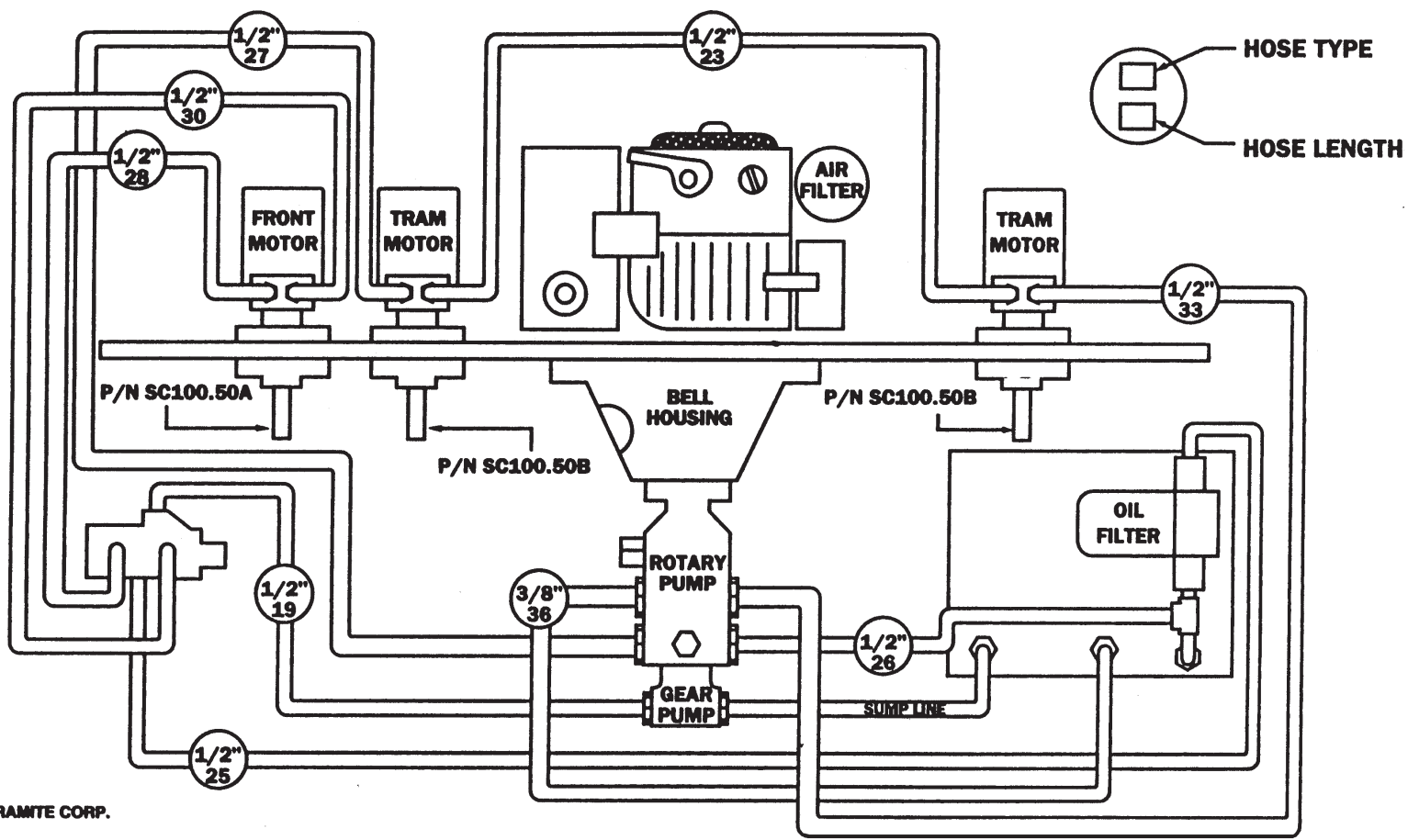
- ◆ Oil level is marked on the fill tube for the motor. Add recommended oil type as needed - refer to engine service manual.
- ◆ To drain the motor oil, remove the plug from the oil pan. Allow oil to drain completely. Refill with recommended oil.

| TIME PERIOD    | MAINTENANCE ITEM                                       |
|----------------|--|
| 4 hours        | Check engine oil level                                 |
| 8 hours        | Check hydraulic oil level                              |
| 25 hours       | Change engine oil                                      |
| Weekly         | Check air filter & battery                             |
| First 50 hours | Change hydraulic fluid & filter                        |
| 200 hours      | Remove carbon from cylinder head                       |
| 300 hours      | Replace spark plugs<br>Change hydraulic fluid & filter |

# CUSTOMER SATISFACTION

Customer safety and satisfaction through quality engineered and quality manufactured equipment, with service after the sale is our policy. Should you need a part, we strive to ship the same day. As you will notice in the pages of this manual, we have attached service and parts bulletins for major components of this machine. You will note they are standard parts, available from more than one source and not “private label” parts which some manufacturers specify so they will have a monopoly on parts at their prices. At TERRAMITE, when possible, we give you a choice.

We sincerely appreciate your business and thank you for choosing a TERRAMITE product. We WILL provide the backup necessary for profitable ownership of your machine.



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| OIL TYPE       |            | HOSE TYPE                      | FILTER TYPES  |               | SPARK PLUG |        |
|----------------|------------|--------------------------------|---------------|---------------|------------|--------|
| HYDRAULIC      | ENGINE     | 3/8" 6C2AT w/6-6 MP & 6-6 MB   | HYDRAULIC     | ENGINE        | 18HPVG     | 7-60.6 |
| Above 32°F     | 18HPVG 30W | 1/2" HFS208 2 wire braid - NPT | PARKER 932269 | 18HPVG 393957 |            | RC12YC |
| 15W40 SF-CC-CD |            | SUMP 3/4" U212 SAE 100 R4      | NAPA 1551     |               |            |        |
| Below 32°F     | 16HP 30W   |                                | AC PF16       |               |            |        |
| 10W SF-CC-CD   |            |                                |               |               |            |        |
|                |            |                                |               | OIL 941056    |            |        |

**ROLLER SCREED MAINTENANCE CHART  
HOSE LOCATIONS AND SIZES**

# DECAL LOCATION

## FRONT

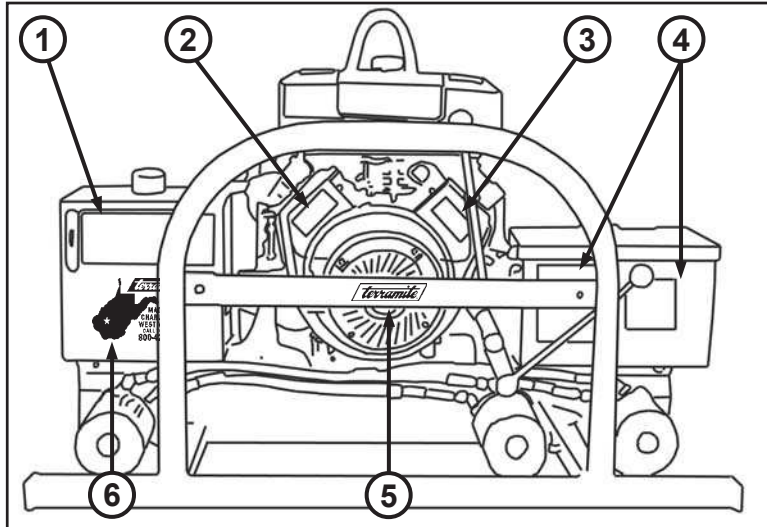
- ① Part Number 1-400.5

| terrामite<br>MAINTENANCE SCHEDULE |   |
|-----------------------------------|---|
| TIME PERIOD                       | MAINTENANCE ITEM                                    |
| 4 HOURS                           | CHECK ENGINE OIL LEVEL, BATTERY CHARGE POINTS       |
| 8 HOURS                           | CHECK HYDRAULIC OIL LEVEL                           |
| 15 MINUTES                        | CHECK FUEL SYSTEM                                   |
| 30 MINUTES                        | CHECK FUEL FILTER AND BATTERY LEVEL                 |
| 1 HOUR                            | CHECK HYDRAULIC FLOW AND PRESSURE                   |
| 200 HOURS                         | REPLACE CABLES FROM CYLINDER HEAD, CLEAN OPEN PUMPS |
| 300 HOURS                         | CHANGE HYDRAULIC OIL AND FILTER                     |

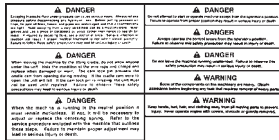
- ② Part Number 1-400.48



- ③ Part Number 1-400.46



- ④ Danger Decals (7)



- ⑤ Terramite Logo Decal



- ⑥ Made in WV Decal



## REAR

- ① Part Number 1-400.49



- ② Part Number 1-400.45



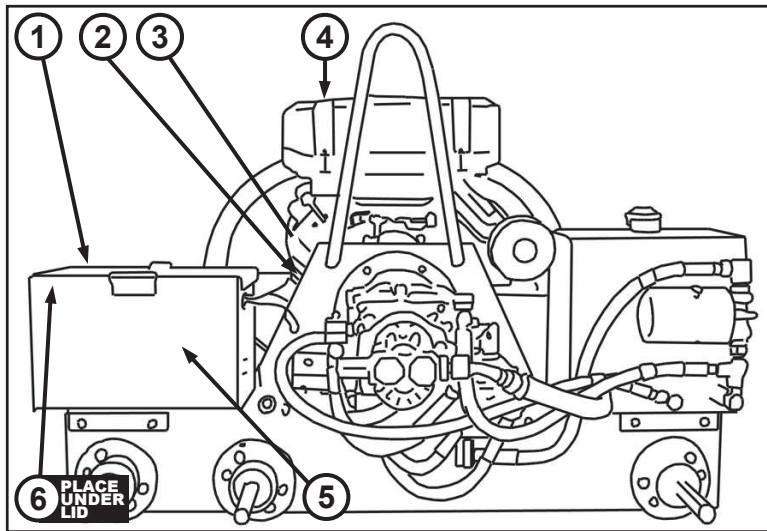
- ③ Part Number 1-400.44



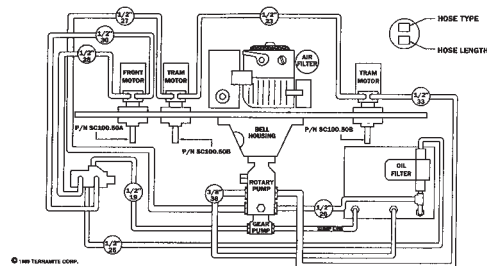
- ④ Part Number 1-400.51



- ⑤ Roller Screenshot



- ⑥ Hose Diagram (PLACE DECAL UNDER LID)

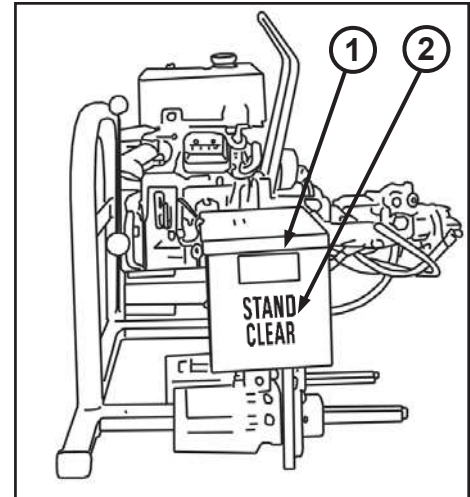


- ① Part Number 14012



- ② Part Number 14004

**STAND CLEAR**

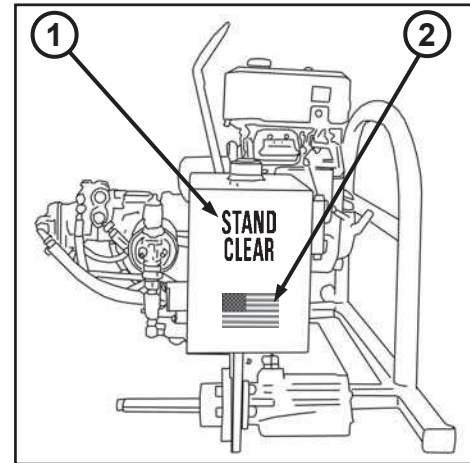


**LEFT SIDE**

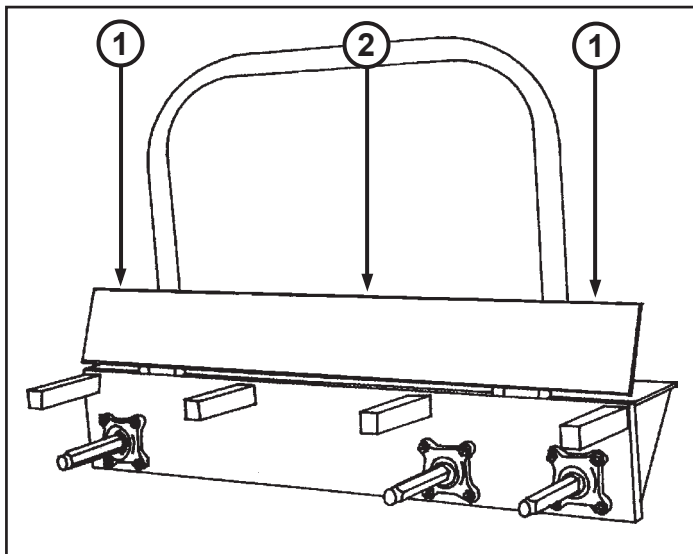
- ① Part Number 14004

**STAND CLEAR**

- ② Part Number 31039



**WELDMENT**



- ① Part Number 14004

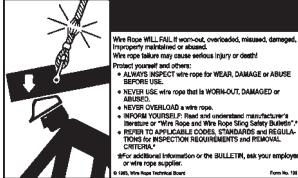
**STAND CLEAR**

- ② Part Number 14133



# LIFTING CRADLE: CAM LOCK PIN SIDE

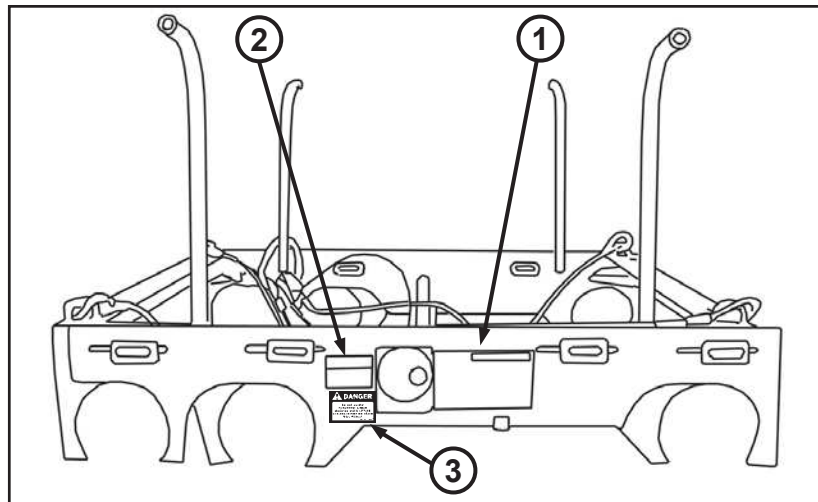
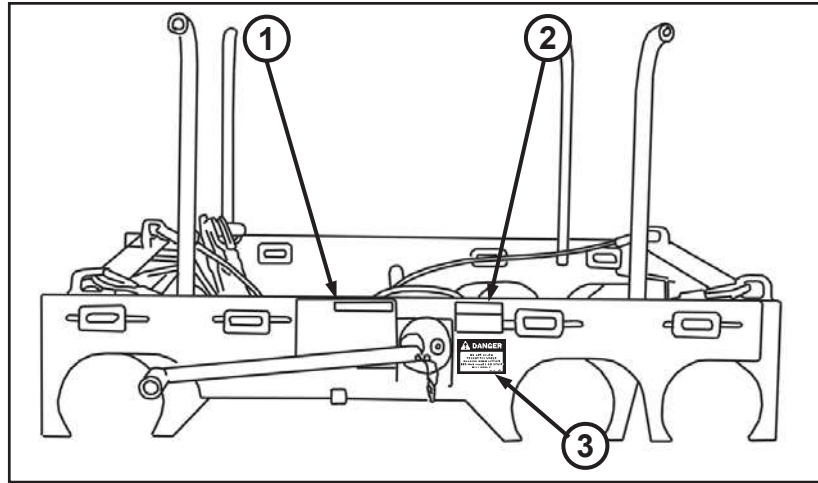
**1 Part Number 114096**



**2 Part Number 14141**



**3 Part Number 14132**



# LIFTING CRADLE: BACK SIDE

DECALS SAME AS ABOVE.

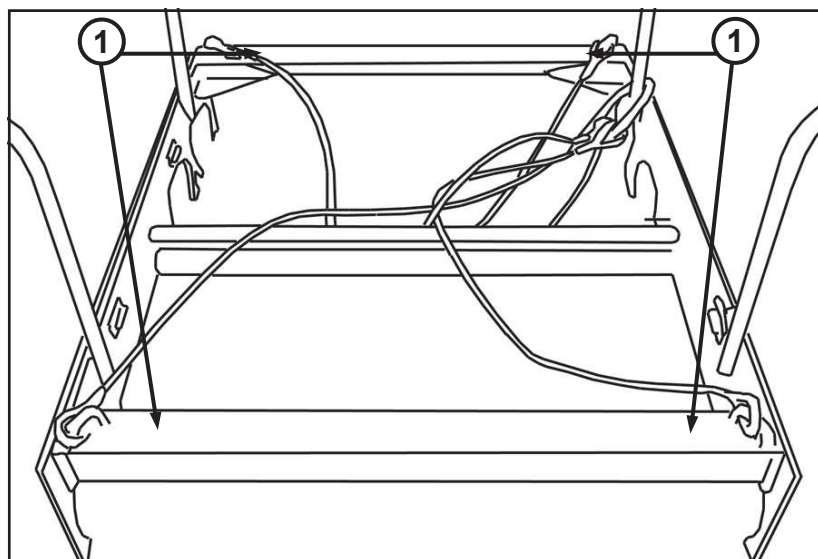
# LIFTING CRADLE: SHOWING WIRE ROPE

**1 Part Number 14004**

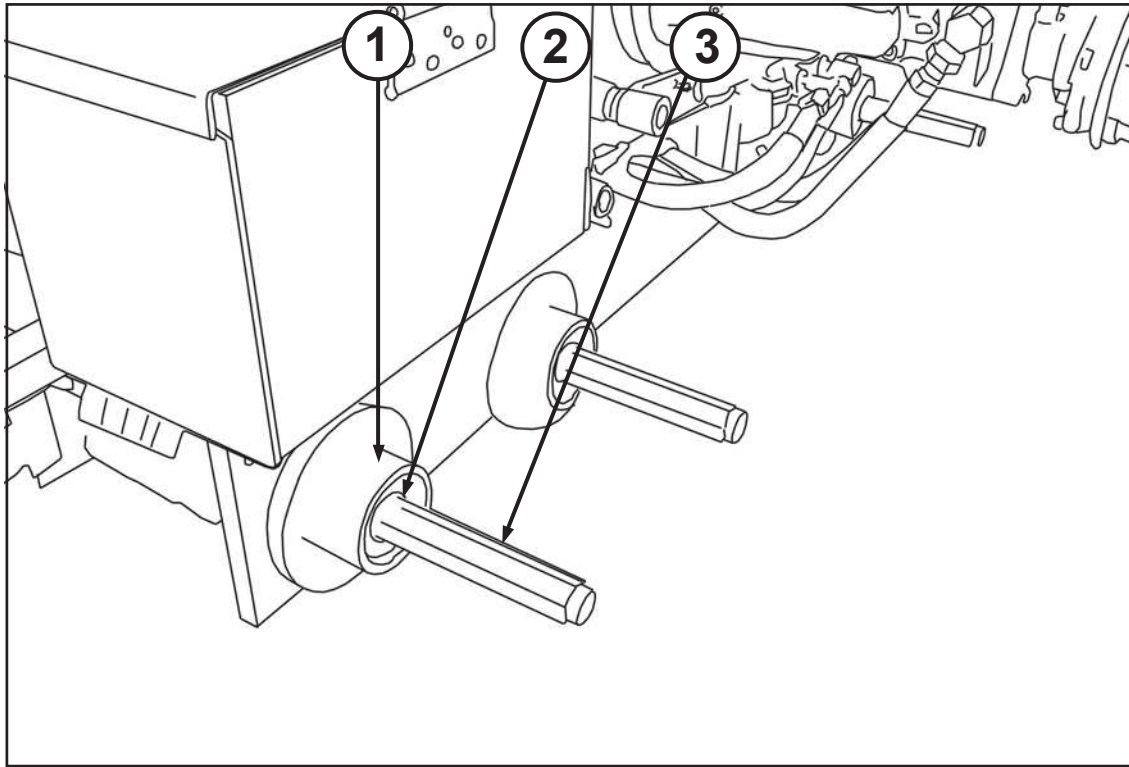
## STAND CLEAR

**2 Weldment Part #3**

**6" Assembly: 31001**  
**8" Assembly: 31023**







## **TERRAMITE ROLLER SCREED SERVICE PROCEDURE: REPLACEMENT OF MOTOR OUTPUT SHAFTS**

The output shafts on your machine provide the means to transmit power to the roller tubes. If these shafts break they can be replaced by two methods.

- 1) Remove snap ring,
- 2) Unbolt bearing hub.

## 1) REMOVE SNAP RING

1. Review Safety section before proceeding.
2. Stop engine. Place unit on level surface.
3. Remove tail end.
4. Remove the tube that needs to have its shaft replaced from the machine.
5. Remove the snap ring (2) from the bearing hub (1) and remove the bearings, discard broken shaft (3).
6. Insert new shaft, replace bearings and replace snap ring.
7. Replace tube and reassemble machine. Unit is now ready for use.

## 2) UNBOLT BEARING HUB

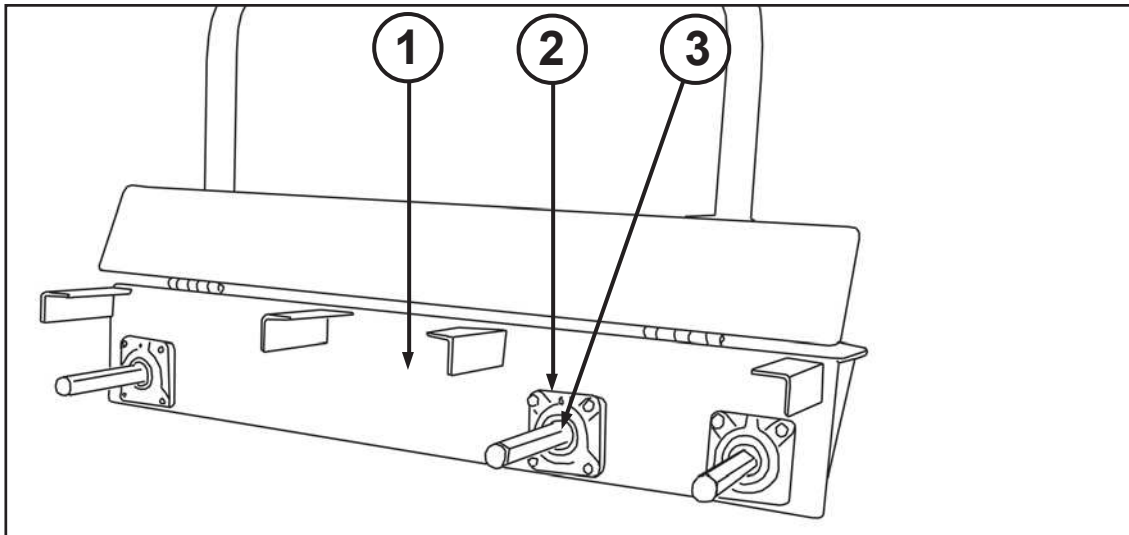
1. Review Safety section before proceeding.
2. Stop engine. Place unit on level surface.
3. Remove tail end.
4. Remove tube that needs to have its shaft replaced from the machine.
5. Unbolt bearing hub (1) from machine.



**WARNING:** It will be necessary to support the torque motor.  
The torque motor weighs approximately 35 lbs.

6. Remove broken shaft and replace.
7. Replace tube and reassemble machine. Unit is now ready for use.

| <b>PART NUMBER</b> | <b>DESCRIPTION</b>    |
|--------------------|-----------------------|
| 32000              | Motor pin-oscillating |
| 32001              | Motor pin-tramming    |
| 32010              | Motor pin-spare       |



## TERRAMITE ROLLER SCREED SERVICE PROCEDURE: REPLACEMENT OF TAIL OUTPUT SHAFTS

The tail output shafts on your machine provide the means to transmit power and rigidity to the roller tubes. If these shafts become broken they can be replaced by following these steps:

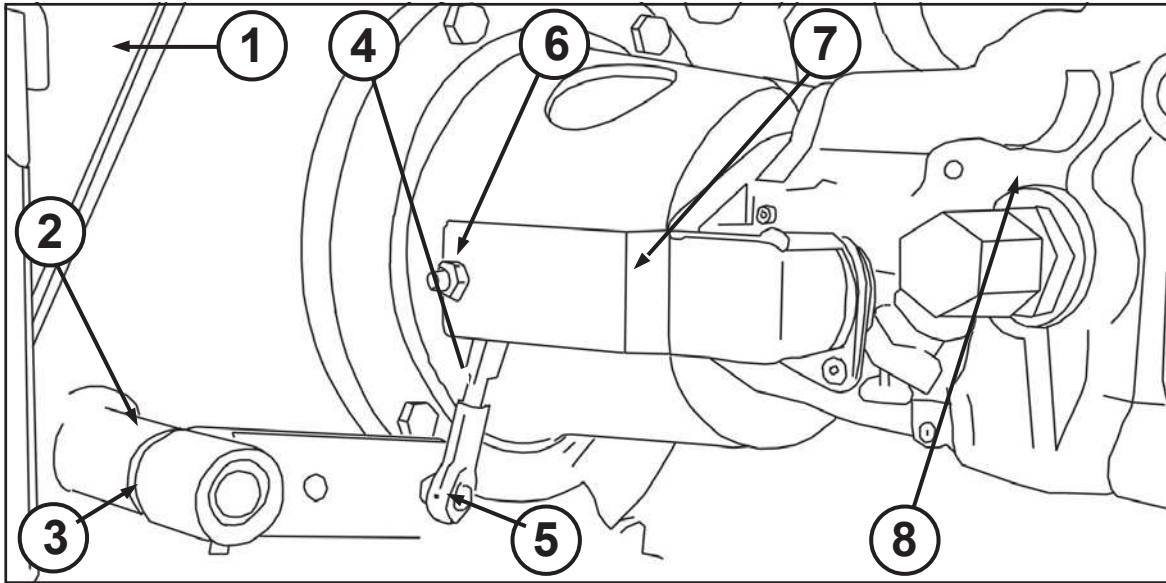
1. Review Safety section before proceeding.
2. Stop engine. Place unit on level surface.
3. Remove the tail assembly (1) from the roller tubes by removing the cotter pins and pulling off the tail assembly.



**WARNING:** The tail assembly weighs approximately 225 lbs. It will be necessary to have assistance.

4. Unbolt the output shaft (3) from the bearing (2) of the damaged shaft.
5. Replace the damaged shaft.
6. Replace tube and reassemble machine. Unit is now ready for use.

| PART NUMBER | DESCRIPTION          |
|-------------|----------------------|
| 32009       | Tail pin-oscillating |
| 32012       | Tail pin-tramming    |
| 32013       | Tail pin-spare       |



## **TERRAMITE ROLLER SCREED SERVICE PROCEDURE: MACHINE FORWARD AND REVERSE LINKAGE ADJUSTMENT**

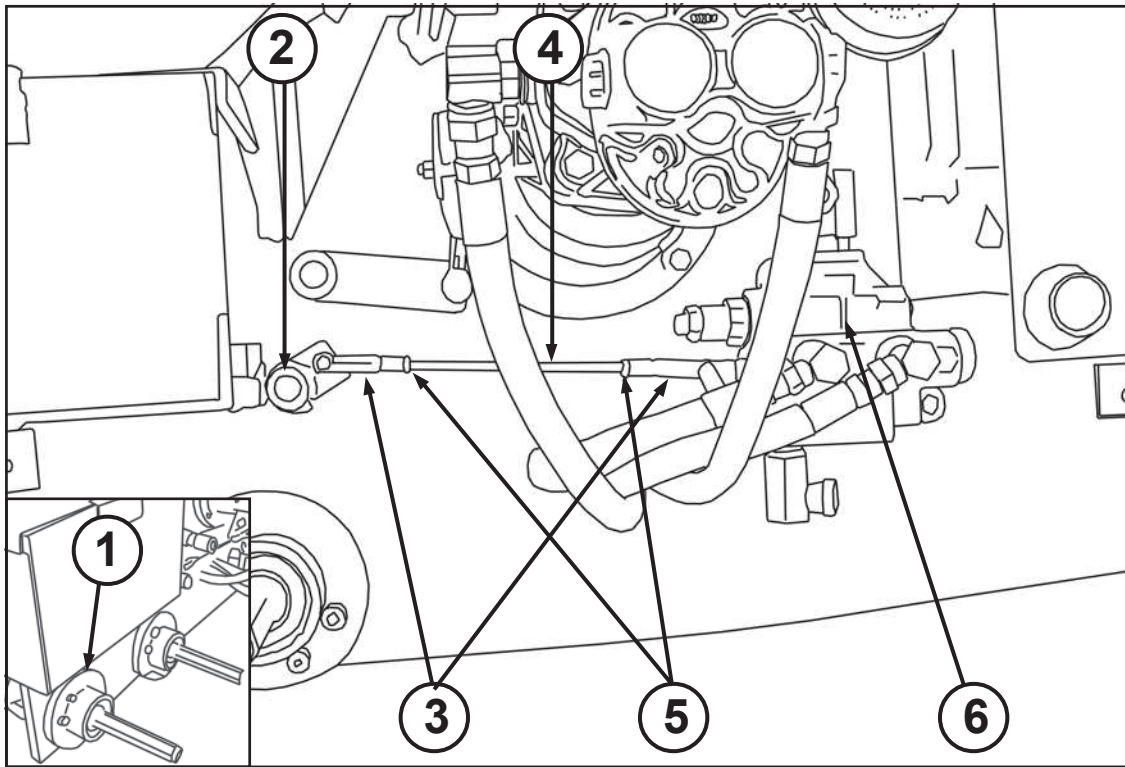
The forward and reverse motion of your machine is controlled by the tramming lever. In the neutral position your machine should remain stationary. This is verified at the factory prior to shipment.



**DANGER:** The machine must remain in neutral during operation. If the machine moves when in neutral or moves when started it must have its neutral spring linkage readjusted. Failure to maintain proper neutral linkage adjustment may lead to serious injury or death.

If you remove the engine (1), tramming lever (2), neutral spring (3), all-thread linkage (4), swivel joints (5), swivel joint nuts (6), transmission lever (7), or transmission (8) it will be necessary to readjust the linkage to obtain neutral position. The steps necessary to readjust this linkage are listed below.

1. Review Safety section before proceeding.
2. Stop engine. Place unit on level surface.
3. Remove all roller tubes from the power unit.
4. Check that the tramming lever and linkage assembly is not binding and moves freely.
5. Start engine. Increase engine speed to 1/2 throttle. Work tramming lever (2) forward and reverse. If tramming shafts do not remain stationary when tramming lever is released, adjust the all-thread linkage up or down to bring unit to neutral. Tighten all linkage nuts. Increase engine speed to full throttle, work tramming lever back and forth, release tramming lever, if tramming shafts are not stationary readjust linkage. Repeat as necessary to obtain no movement when tramming lever is released.
  - A. If you cannot adjust the linkage it will be necessary to replace the centering spring. The part number is 1-22.T5.
  - B. The steps to replace the centering spring are as follows:
    - a). Stop Engine.
    - b). Remove the pin from the lever arm closest to the spring.
    - c). Insert new spring on lever mechanism. Obtain a small hammer and tap both spring arms to eliminate any play in the lever. Then repeat steps 4 and 5 until machine remains in neutral.
6. Once linkage is working correctly, stop engine.
7. Reassembly unit. Machine is now ready for use.



## **TERRAMITE ROLLER SCREED SERVICE PROCEDURE: FRONT SPINNING TUBE LEVER ADJUSTMENT**

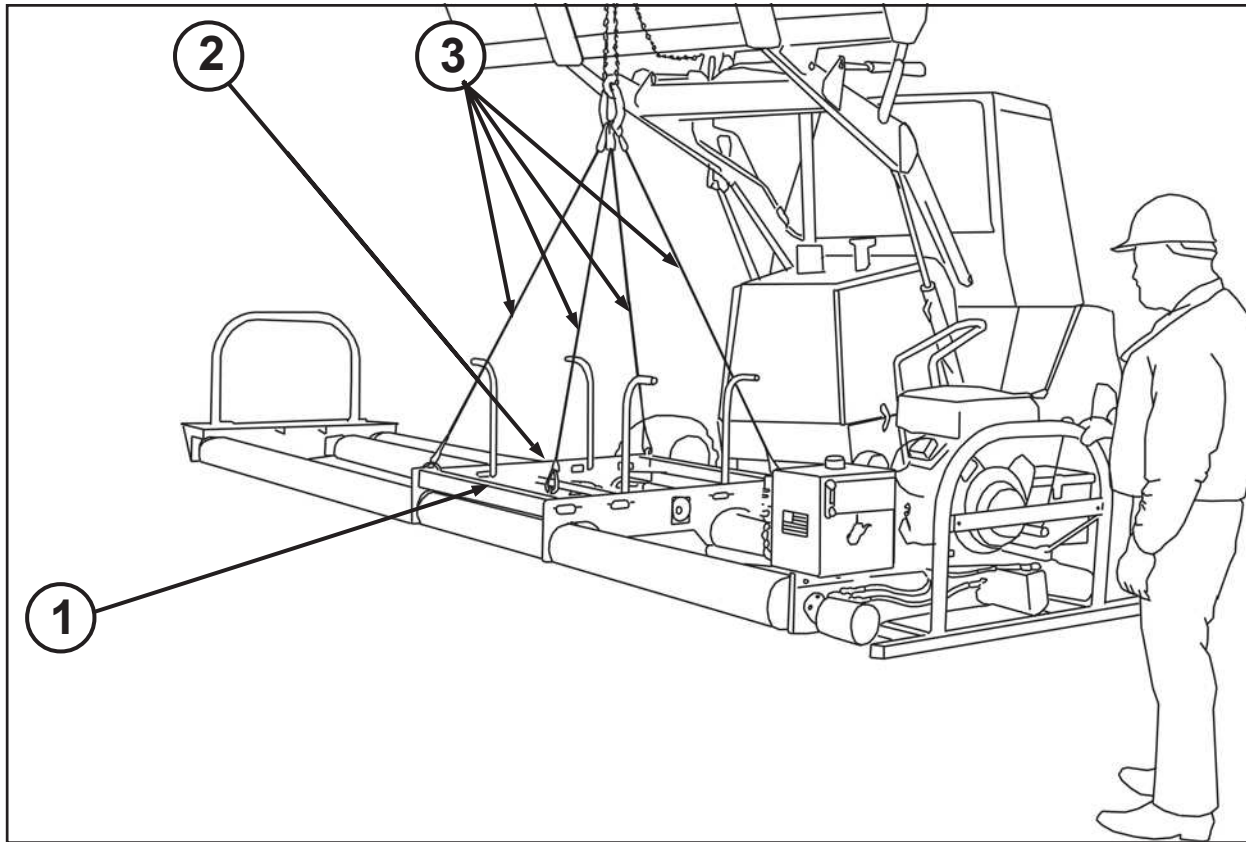


**DANGER:** Be aware of rotating shafts. Do not wear loose clothing, jewelry, etc. Failure to observe these warnings may lead to serious injury or death.

The front spinning tube of your machine is controlled by the oscillating lever (2). With the lever in the neutral position the front spinning tube is stationary. With the oscillating lever moved to the left it will lock in place and cause the front spinning shaft (1) [see inset photo] to turn counterclockwise. Moving the lever to the right will cause the front spinning shaft to move clockwise, releasing the lever will cause it to return to neutral. This is verified at the factory prior to shipment. If you remove the oscillating lever (2), yoke joints (3), all-thread rod (4), locknuts (5), or valve assembly (6), it will be necessary to readjust this linkage using the following procedure:



1. Review Safety section before proceeding.
2. Turn off engine. Place unit on level surface.
3. Remove all roller tubes from the power unit.
4. Check that the oscillating lever and linkage is not binding and moves freely.
5. Start engine. Increase engine speed to 1/2 throttle. Move oscillating lever (2) to the right, it should lock in place. If not stop engine, remove yoke joint (3), from the oscillating lever and adjust the all-thread rod (4) in or out to allow for correct operation. Do not adjust the all-thread rod too far in as it may bend. Restart engine, and repeat steps as necessary to obtain correct operation.
6. Once the adjustment is complete tighten all lock nuts (5). Stop engine. Reattach tubes. Machine is now ready for operation.



**DANGER:** Failure to observe the condition of the wire rope and crimps and replace when damaged or worn may lead to serious injury or death.



**DANGER:** When transporting the machine by the lifting cradle, do not allow any personnel under the unit. Failure to observe this danger warning may lead to serious injury or death.



**DANGER:** The cam lock pin prevents the cradle cam from opening during transport. If the cradle cam were to open, the unit will fall. Serious injury or death may result. If the cam lock pin is missing the unit must be put out of service until a replacement is obtained.

## **TERRAMITE ROLLER SCREED SERVICE PROCEDURE: LIFTING CRADLE/WIRE ROPE SLING MAINTENANCE**

The lifting cradle (1) provides means to quickly and safely move your unit.

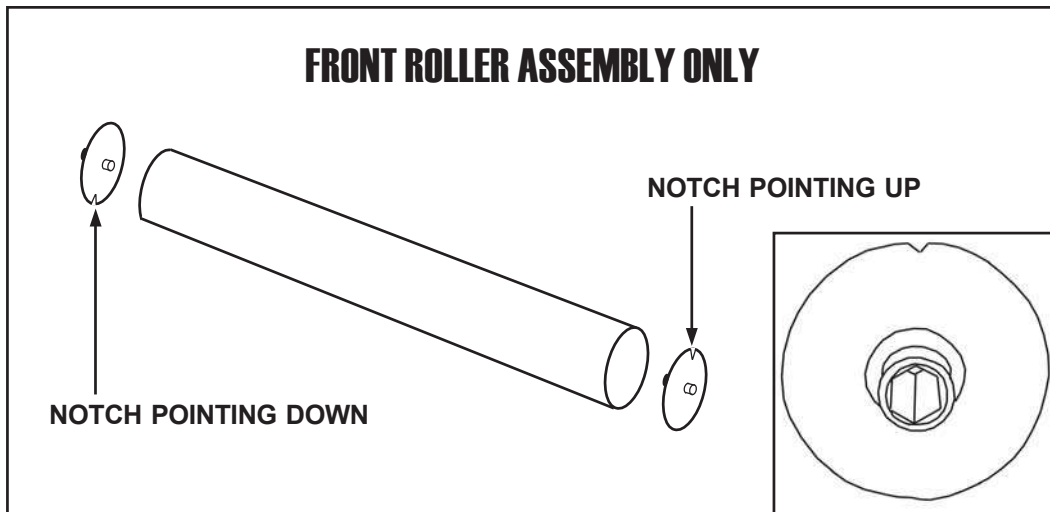
There are two items that should be checked when the machine is used.

The cam lock pin (2), and condition of the wire rope and crimps (3).

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If the cam lock pin is missing the unit must be put out of service until a replacement is obtained. To replace the cam lock pin simply remove the old one and bolt a new one in its place. The part number is **38005**

The wire rope sling provides a convenient way to attach lifting equipment to the lifting cradle. It should be inspected for damage to the wire rope strands or to the wire rope crimps. If damage is evident the unit must be put out of service until a replacement can be obtained. The part number is **30011**



**DANGER:** The tube assembly is very heavy. It will be necessary to use a powered lifting device. Each tube weight approximately 20 pounds per foot. Failure to follow this safety precaution may lead to serious injury or death.



**DANGER:** The tube assembly can roll very easily. When being assembled the assembly must be prevented from rolling from the work area. Failure to follow this safety precaution may lead to serious injury or death.



**DANGER:** Welding and grinding produce sparks and dangerous gas. Only qualified personnel are to perform such tasks. Failure to follow this safety precaution may lead to serious injury or death.

## TERRAMITE ROLLER SCREED SERVICE PROCEDURE:

### WELDING NEW ROLLER TUBE ASSEMBLY

The roller tube assembly provides the means to level and propel the concrete. To make new rollers order and receive P/N 6" - 35023 or P/N 8: - 95031. Also order and receive the length of pipe up to 32' long as follows:

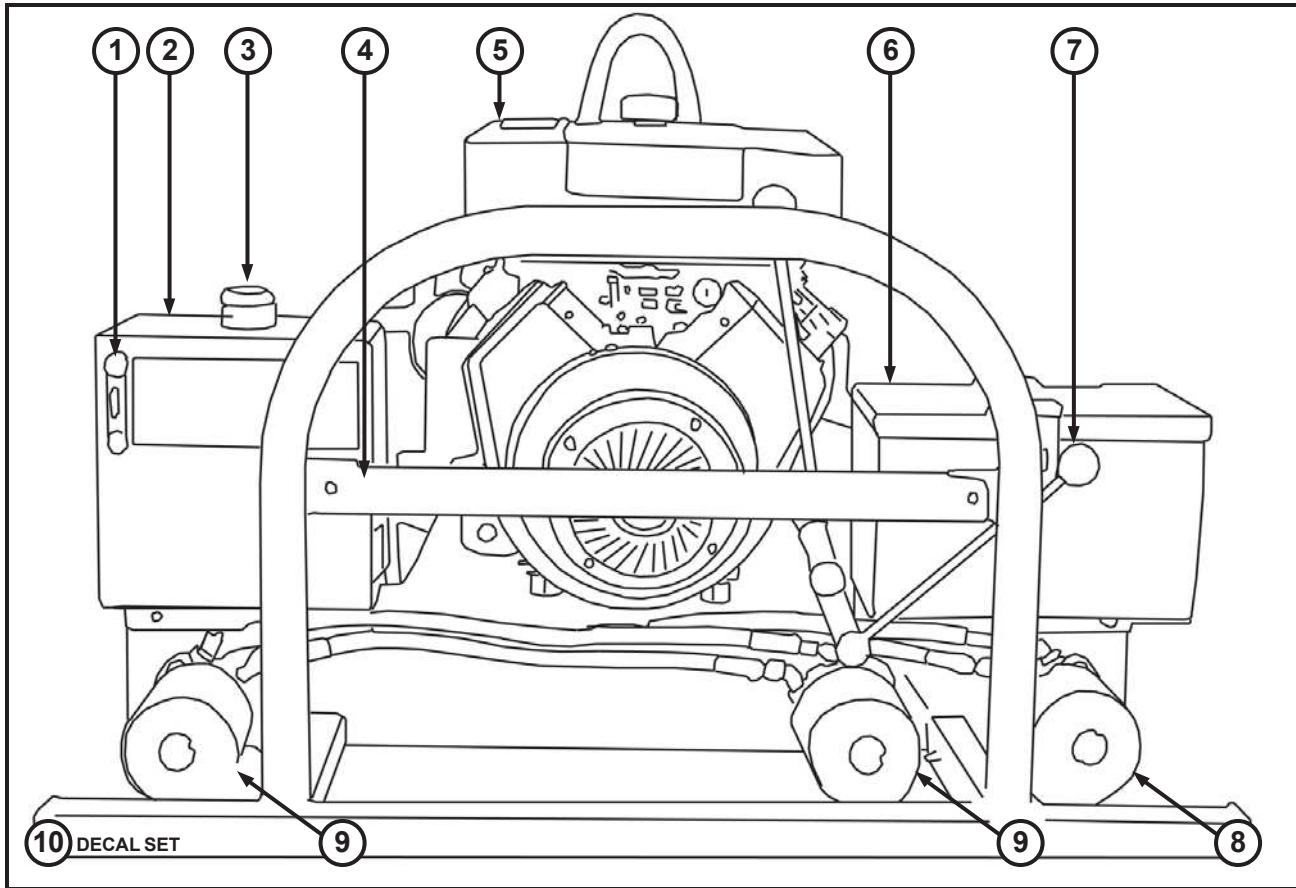
New 6" schedule 40 electric welded black pipe  $\pm 1/16$ " (to length) with both ends beveled.

To assemble new rollers proceed as follows:

1. Review Safety section before proceeding.
2. Check that each tube is within  $\pm 1/8$ " of each other in length. If not it will be necessary to cut or grind to get each tube to this tolerance.
3. Grind the inner weld away from both ends
4. Welding Steps:
  - A.) FRONT ROLLER - the front roller tube ends are identified by a notch on the end. They can also be identified by the cotter pin hole drilled on the apex of the hex tube. There are two tube ends with each set. To weld, place one end with the notch up and insert or tap into the tube and weld. Place the other end with the notch down and insert or tap into the tube and weld.
  - B.) TRAM ROLLERS - the tram roller tube ends are identified with no notches. They can also be identified by the cotter pin hole drilled on the flat of the hex tube. There are 4 tram roller tube ends with each set. To weld, insert or tap the tube end into the tube and weld for each tube end.
5. After welding, grind away all sharp burrs.

Tube assembly is ready for use.

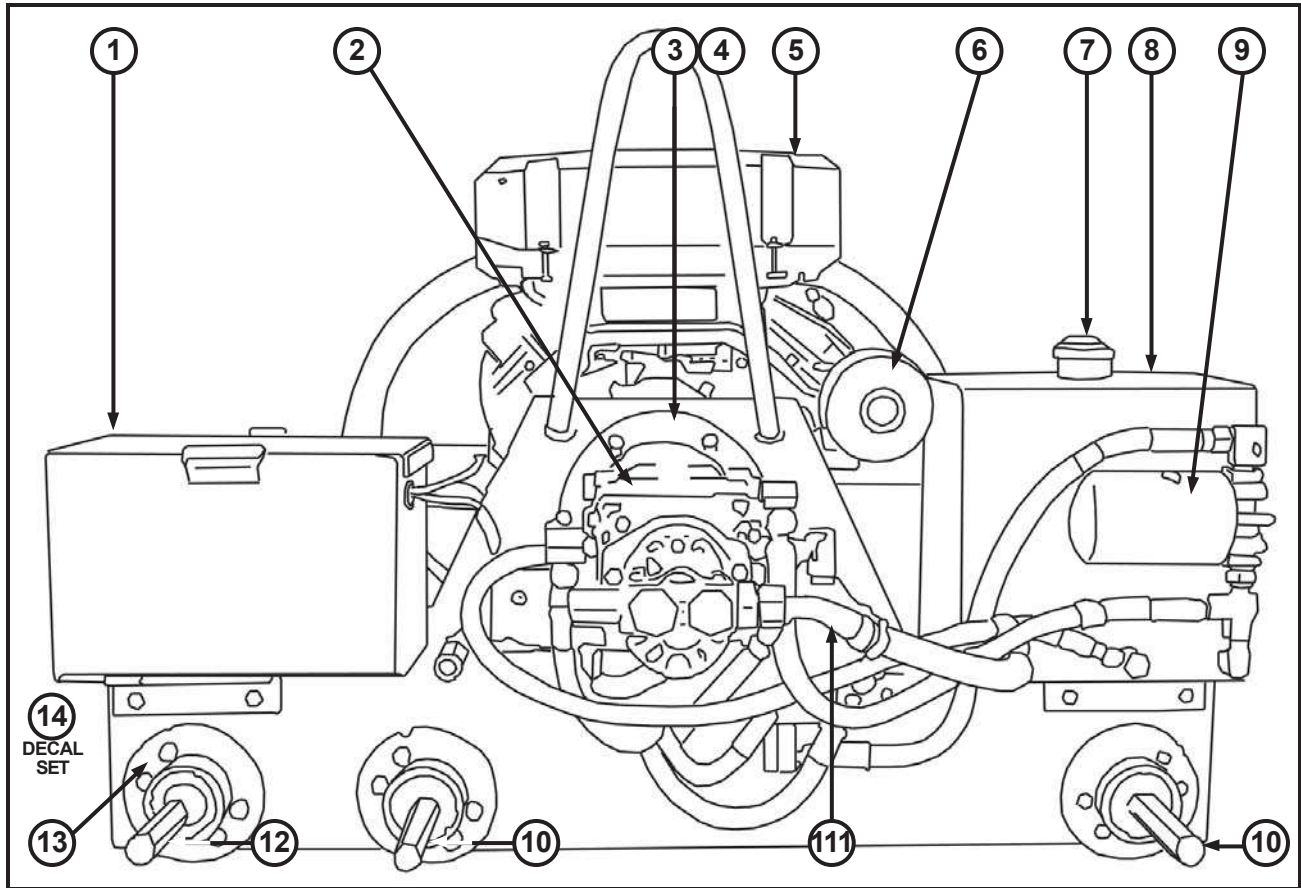
**View of Motor Assembly, Front**



| ITEM | PART NUMBER | DESCRIPTION                      | QTY. |
|------|-------------|----------------------------------|------|
| 1    | 30006       | Screed Oil Tank w/Gauge          | 1    |
| 2    | 30004       | Oil Tank                         | 1    |
| 3    | 22206       | Oil Breather Cap                 | 1    |
| 4    | 30012       | Kick Bar, 27" long               | 1    |
| 5    | 33000       | Engine, 18 HP Briggs, 2 Cylinder | 1    |
| 6    | 30005       | Battery Box                      | 1    |
| 7    | 13942       | Control Knob                     | 2    |
| 8    | 34001       | Torque Motor (Oscillating)       | 1    |
| 9    | 34000       | Torque Motor (Tramming)          | 2    |
| 10   | 36000       | Decal Set                        | Set  |

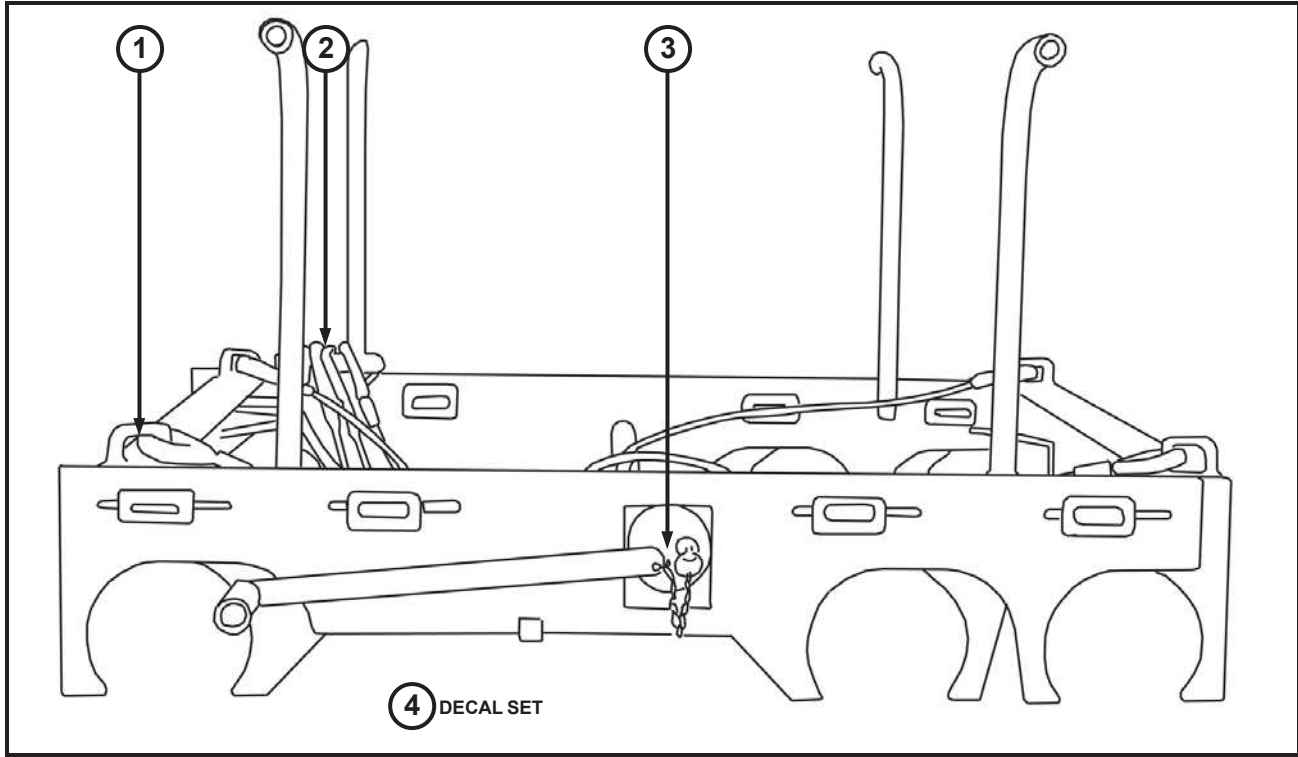


### View of Motor Assembly, Rear



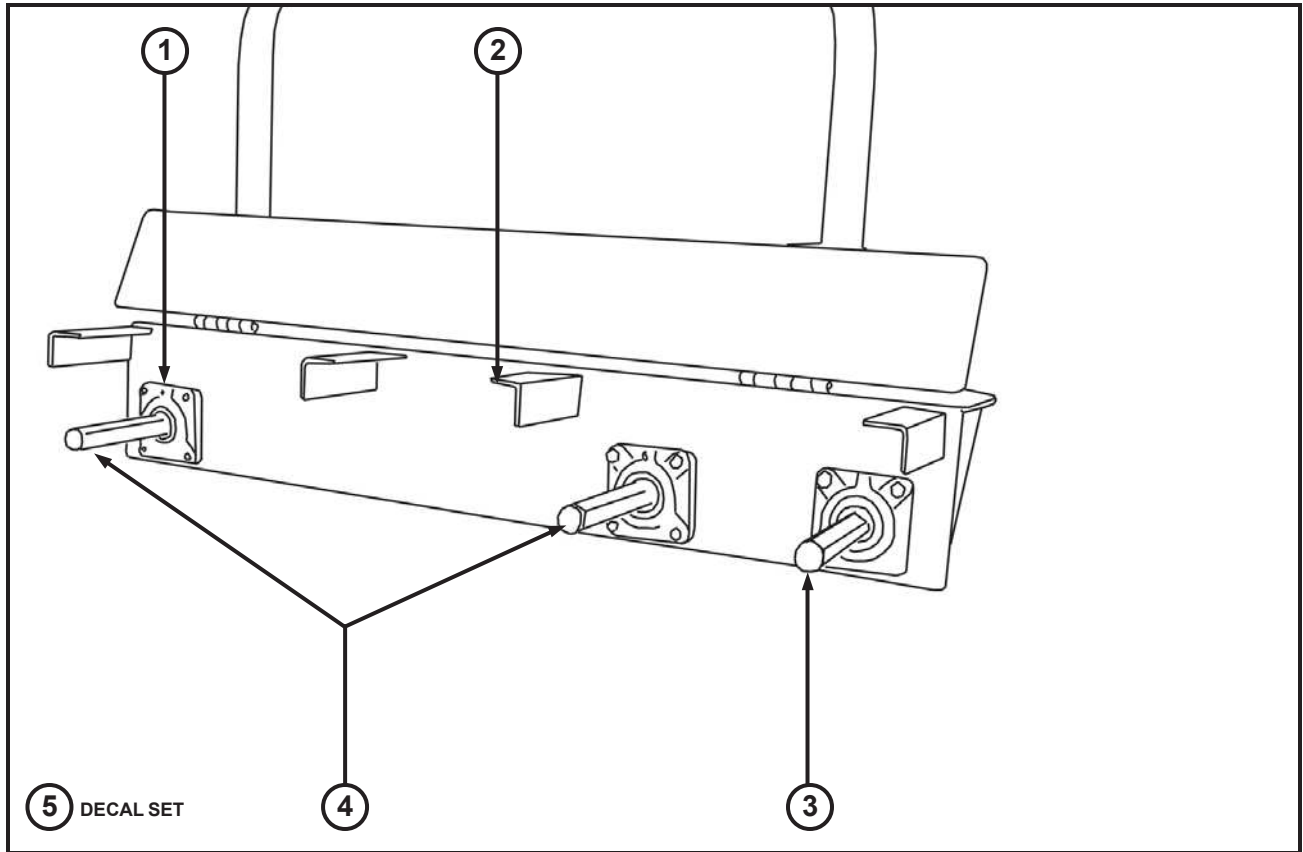
| ITEM | PART NUMBER | DESCRIPTION                      | QTY. |
|------|-------------|----------------------------------|------|
| 1    | 30005       | Battery Box                      | 1    |
| 2    | 64012       | Transmission                     | 1    |
| 3    | 30038       | Bell Housing, Prior to 1996      | 1    |
| 4    | 30008       | Bell Housing, After 1996         | 1    |
| 5    | 33000       | Engine, 18 HP Briggs, 2 Cylinder | 1    |
| 6    | 42016       | Muffler                          | 1    |
| 7    | 22206       | Oil Breather Cap                 | 1    |
| 8    | 30004       | Oil Tank                         | 1    |
| 9    | 21001       | Hydraulic Filter                 | 1    |
| 10   | 32001       | Motor Pin (Tramming)             | 2    |
| 11   | 34002       | Control Valve                    | 1    |
| 12   | 32000       | Motor Pin (Oscillating)          | 1    |
| 13   | 37000       | Hub                              | 1    |
| 14   | 36000       | Decal Set                        | Set  |

### View of Lifting Cradle



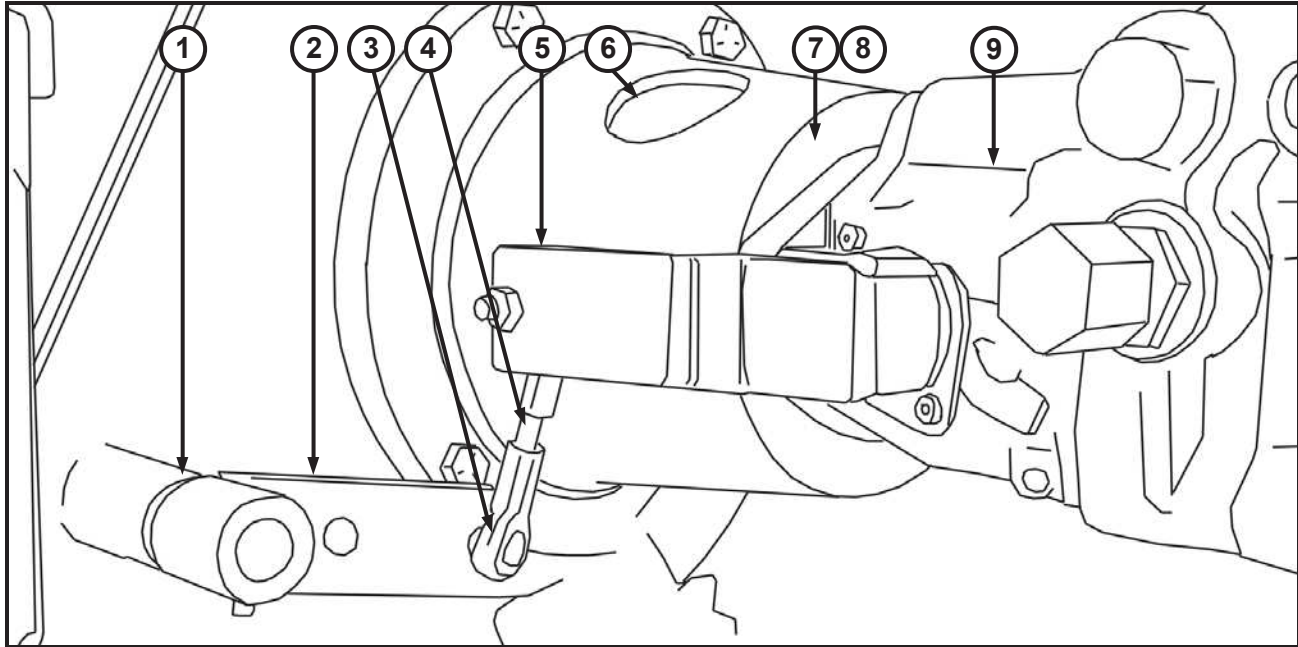
| ITEM | PART NUMBER | DESCRIPTION                | QTY. |
|------|-------------|----------------------------|------|
| 1    | 31001       | Lifting Cradle 6" Complete | 1    |
| 2    | 31011       | Wire Rope Sling            | 1    |
| 3    | 38005       | Safety Locking Pin         | 1    |
| 4    | 36000       | Decal Set                  | Set  |

### View of Tail Shaft Assembly



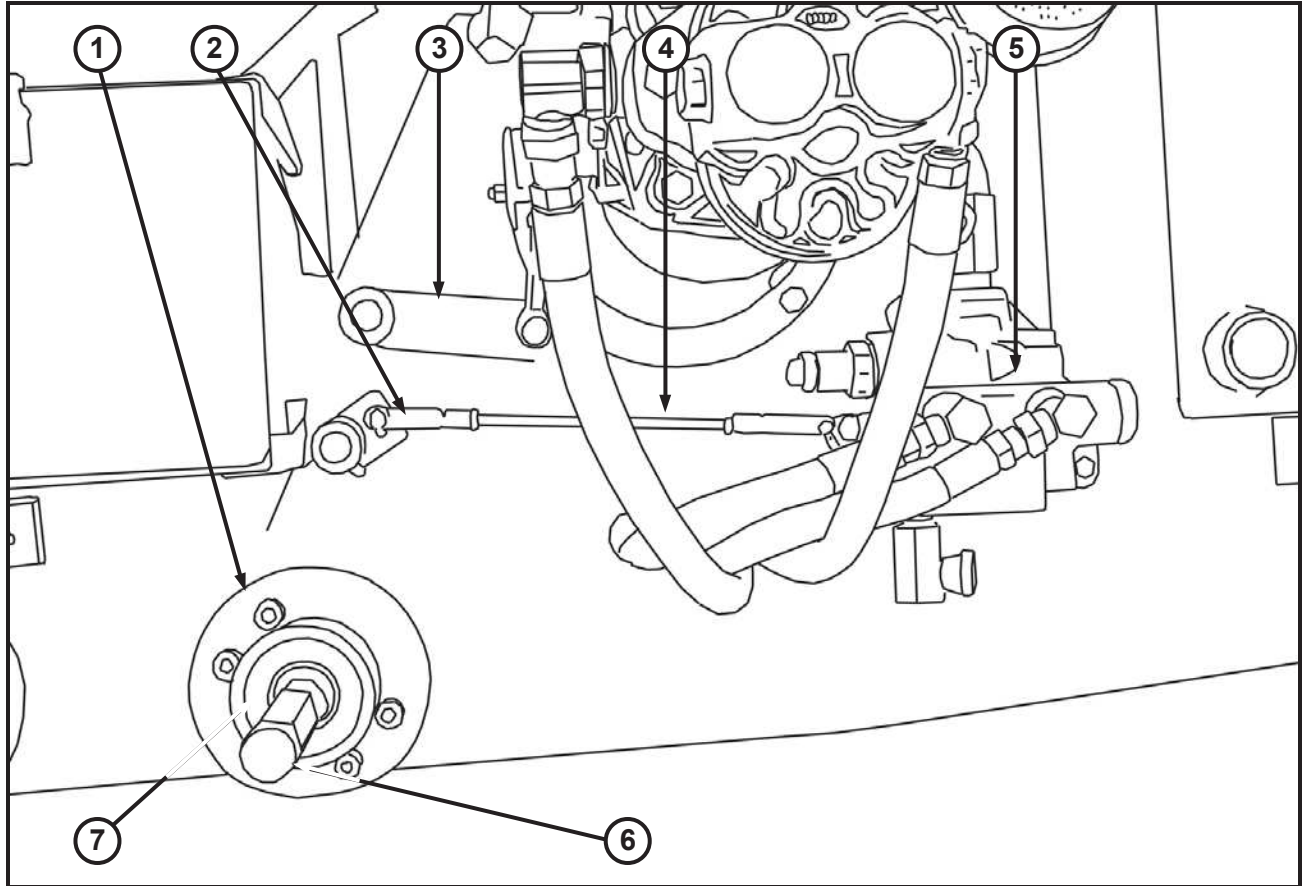
| ITEM | PART NUMBER | DESCRIPTION             | QTY. |
|------|-------------|-------------------------|------|
| 1    | 37002       | Flange Bearings         | 6    |
| 2    | 31058       | Tail Assembly, Complete | 1    |
| 3    | 32009       | Tail Pin (Oscillating)  | 1    |
| 4    | 32012       | Tail Pin (Tramming)     | 2    |
| 5    | 36000       | Decal Set               | Set  |

**View of Transmission Linkage**



| ITEM | PART NUMBER | DESCRIPTION                | QTY. |
|------|-------------|----------------------------|------|
| 1    | 11220       | Neutral Spring             | 1    |
| 2    | 30018       | Tramming Lever             | 1    |
| 3    | 13965       | Hind Joint                 | 2    |
| 4    | 38003       | All Thread Rod - 5/16 x 24 | 1    |
| 5    | 32014       | Transmission Lever         | 1    |
| 6    | 32045       | Bellhousing Cap            | 1    |
| 7    | 30038       | Bellhousing, Prior to 1996 | 1    |
| 8    | 30008       | Bellhousing, After 1996    | 1    |
| 9    | 64012       | Transmission               | 1    |

### View of Valve Assembly



| ITEM | PART NUMBER | DESCRIPTION               | QTY. |
|------|-------------|---------------------------|------|
| 1    | 37000       | Screed Hub                | 3    |
| 2    | 32003       | Clevis Joint              | 2    |
| 3    | 30018       | Tramming Lever            | 1    |
| 4    | 38004       | All Thread Rod, 5/16 x 24 | 1    |
| 5    | 34002       | Control Valve             | 1    |
| 6    | 32001       | Motor Pin (Tramming)      | 2    |
| 7    | 37001       | Motor Bearing             | 6    |





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# SAMPLE Limited New Product Warranty

WE WARRANT TO THE ORIGINAL CONSUMER/PURCHASER THAT EACH NEW PRODUCT SOLD BY US WILL BE FREE FROM MANUFACTURING DEFECTS IN NORMAL SERVICE USE FOR A PERIOD OF ONE (1) YEAR FROM DATE OF PURCHASE.

Our obligation under this warranty is expressly limited, solely at our option, to the replacement or repair at the premises of Terramite Corporation, 600 Goff Mountain Road, Charleston, West Virginia 25356, or at a service facility designated by us, of such part or parts as inspection shall disclose to have been defective. This warranty does not apply to defects caused by casualty or unreasonable use (including faulty repairs by others and failure to provide reasonable and necessary maintenance) nor to ordinary wear and tear, while in the possession of the consumer/purchaser.

This warranty is for replacement or repair of defective parts only, and does not provide for replacement of complete products due to a defective part or parts nor does it cover any charges of whatever nature in connection with the replacement of any such defective parts.

We shall not be responsible for special, indirect,

incidental or consequential damages of any kind including, but not limited to, labor costs or transportation charges in connection with the replacement or repair of defective parts.

Components such as engines, pumps and batteries which are supplied by other manufacturers, are warranted by the manufacturer's nearest "Factory Service Center" for repair or replacement of those items. However, when necessary, the manufacturer will act as your agent to secure adjustment.

To obtain warranty service, purchaser must bring the product to an authorized Terramite Service facility. For the facility nearest you, contact Terramite Corporation, P.O. Box 7146, Charleston, WV 25356 or telephone (304) 776-4231.

This warranty gives you specific rights and you may have other rights which vary from state to state. This warranty is in lieu of any other warranty, whether written, verbal, expressed or implied and may not be modified or changed by Terramite Distributors or Dealers. This warranty shall be null and void unless the section below has been filled in and the manufacturer's copy of this document is returned to Terramite Corporation, P.O. Box 7146, Charleston, WV 25356 within ten (10) days of the date of purchase by the original owner.

MODEL# \_\_\_\_\_ SERIAL# \_\_\_\_\_ ENGINE# \_\_\_\_\_

PURCHASED FROM \_\_\_\_\_ CERTIFICATE OF ORIGIN# \_\_\_\_\_

NAME OF PURCHASER \_\_\_\_\_

ADDRESS \_\_\_\_\_

PHONE ( \_\_\_\_\_ ) \_\_\_\_\_ CERTIFICATE OF ORIGIN# \_\_\_\_\_

TYPE OF BUSINESS \_\_\_\_\_

IS THIS YOUR FIRST TERRAMITE? \_\_\_\_\_ WHAT KIND OF SIMILAR EQUIPMENT DO YOU OWN? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

OPTIONS \_\_\_\_\_

\_\_\_\_\_

DATE OF PURCHASE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

(ORIGINAL PURCHSER)

**Fill in the information requested above.  
This will be useful anytime you need to order parts.  
This is only a SAMPLE of the Limited New Product Warranty  
provided with each new machine to the original owner.**