



# FLEET MAINTENANCE DEPARTMENT

## City of Kingsport

**To:** Nikisha Eichmann, Assistant Procurement Manager  
**From:** Steve Leonard, Fleet Manager  
**Date:** March 18, 2025  
**Re:** Fleet Replacement units 2092 and New Purchase Recommendation

It is the recommendation of this office to purchase the Fleet Replacement for units 2092 and New for the total purchase price of \$102,169.30 (\$51,084.65 each). These units meet the expectations of the Grounds/Schools and will fulfill the requirements of their operational needs. These units will be purchased through the Sourcewell Contract # 070821-AGI. A copy of the Sourcewell Contract is attached. The estimated delivery is 1-2 months.

The purpose of the slope mower is to assist city employees on slopes greater than 15 degrees, which is the max for our current Scag mowers. This slope mower is designed to mow slopes up to 55 degrees. It will help the employees perform the work quicker and in a safe manner. I have included pictures of the slope located on Ft. Robinson Drive near the I-26 overpass. This is one of the locations it will be used to mow along with 11.5 acres of slopes located throughout the City. This unit is a fleet replacement for a similar slope mower we purchased in 2012.

Item	Quantity	Description	Award to Vendor	Fuel Economy
1	2	2025 Alamo Traxx Remote Control Mower	West Hills Tractor	N/A City/N/A Hwy

### **These unit will be a Fleet Replacements**

The units listed below will be replaced and disposed of utilizing the current approved City process.

The Sourcewell offerings were reviewed by Tamra Rossie and David Sewell and they are in agreement with this recommendation.

### **Fuel Economy Improvement**

**Sourcewell Contract # 070821-AGI**

### **Replacements**

2092                                      2012 Spider Remote Control Mower                                      Hours N/A

Should you have any questions on this recommendation, please do not hesitate to contact me.

Thank you.



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625 West Industry Drive

Kingsport, TN 37660

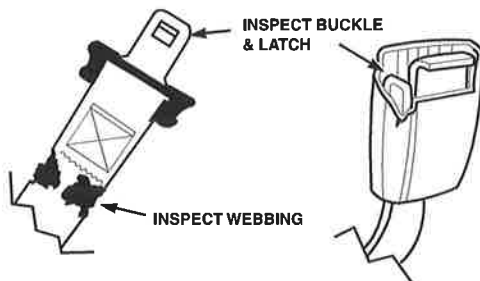
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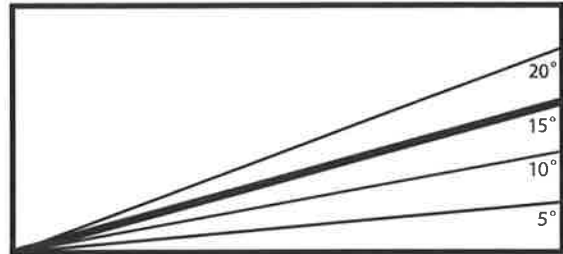
## **⚠ WARNING**

**Failure to properly inspect and maintain the seat belt can cause serious injury or loss of life.**

1. Check the full length of the seat belt webbing for cuts, wear, fraying, dirt and stiffness. See Figure 2-3.
2. Check the seat belt webbing in areas exposed to ultra violet rays from the sun or extreme dust or dirt. If the original color of the webbing in these areas is extremely faded and/or is packed with dirt, the physical strength of this webbing may have deteriorated. If this condition exists, replace the seat belt system.
3. Check the buckle and latch for proper operation and determine if the latch plate is excessively worn, deformed, or if the buckle is damaged or cracked. See Figure 2-3.



**Figure 2-3. Seat Belt Inspection**



**Figure 2-4. Slope Angle Graph**

## **⚠ WARNING**

**Reduce speed when turning, operating on slopes, slick or wet surfaces. Allow extra distance to stop.**

**Stay off of slopes too steep for safe operation. To check a slope, attempt to back up it (with the cutter deck down). If the machine can not back up the slope without the wheels slipping, do not operate the machine on this slope. Under no circumstances should the machine be operated on slopes greater than 15 degrees. See Figure 2-4 to determine approximate slope.**

**DO NOT mow near drop-offs, ditches or embankments. The machine could suddenly roll over if a wheel goes over the edge or if the edge caves in.**

**Operate the machine smoothly, no sudden turns, starts or stops on a slope.**

**NEVER tow on slopes. The weight of the towed equipment may cause loss of traction and loss of control.**

**DO NOT permit untrained personnel to operate the machine.**

**Be cautious when loading and unloading onto trailers or trucks.**

**Use only a full width ramp.**

**Ramp angle should be no more than 15 Degrees. See Figure 2-4 to help determine approximate slope.**

**Back up the ramp and drive down forward.**



# TRAXX RC28

REMOTE CONTROLLED SLOPE MOWER



## 55 Degrees

Capable of tackling terrain up to a 55° slope and is tough enough to be used for extensive mowing of heavy grass.



## Working range: 500ft

The controls are lightweight, easy to learn and can control the RC28 up to 500 feet away. Comes with two rechargeable batteries and operates at 458 MHz frequency.



## Bi-Directional

Bi-directional cutting reduces the need for turning, and dramatically improves productivity and minimizes surface disturbance.

## Mower Deck

43" Cutting Width  
Auto-lowers to pre-set cut heights between 1.2" - 7.1"

## Safety

Variable rotor speed with three second shut-down.  
Warning alarm at 50° slopes and automatic shut off at 70°.

## General Specs

Variable travel speeds 0-4.3mph  
Overall Width - 59"  
Overall Length - 59"  
Overall Height\* - 30"-36"  
\*Varies with cutting height  
Total Weight - 1,058lbs

## Engine

- Briggs & Stratton Vanguard 810CC engine
- 28 HP gasoline-electric hybrid
- Efficient electronic fuel injection
- Removable 2.6 gallon fuel tank
- Cyclonic air cleaner extends life in dusty conditions



[Alamo-Industrial.com](http://Alamo-Industrial.com) | [sales@alamo-industrial.com](mailto:sales@alamo-industrial.com)

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Warranty: One year limited parts and labor. Non-governmental users are subject to modified policy. Only genuine Alamo Industrial parts should be used for warranty replacement.

Sourcwell - Contract No. 070821-AGI  
Canoe Canada - Contract No. 070821-AGI  
GSA - Contract No. GS-30F-0008S  
Buy Board - Contract No. 611-20