

**NEW
UPGRADES**

RS4000 SOLAR CART

▶ **NOTABLE UPGRADES HAVE BEEN MADE TO THE FUNCTIONALITY, OPERATOR SAFETY AND EQUIPMENT PRODUCTIVITY OF THE NEW RS4000 SOLAR CART.**

▶ **THE NEW SOLAR CART** works seamlessly with our newly updated RS4000 Laser to allow quick setup and alignment back to the tamper while keeping the operator off of the ground and safe.

Gone are the days when the dead weight of a heavy marine battery needed to be carried back and forth between the tamper and the laser cart on loose and uneven ballast. With a charged battery and positive battery connections always in place; even short track runs can be quickly and easily laser corrected.

▶ There isn't even a power switch to turn on – just set the cart down, plug the laser in and go!



HOW IT WORKS:



- Anytime the solar panels are exposed to sunlight, both direct or indirect, a charge will be applied to the onboard battery. The intensity of the sunlight determines the strength of charge being applied.
- The two large panels on the top of the buggy are capable of supplying more than twice the required power needed to run the laser and safety light.
- The small panel on the bottom of the buggy is intended to trickle charge the battery when the buggy is not in use and is in the stored position on the front of the tamper (Small panel will face forward). The two large panels are still capable of collecting sunlight also.
- When the buggy is in the stored position (vertical) on the front of the tamper, it is in an 'OFF' state. There is no power to the laser and the safety light will not flash. The solar panels remain active.
- When the buggy is deployed (horizontal), it is in a 'STANDBY' state. The power circuit is active and capable of powering the laser and safety light but will not do so until the laser is connected to the power cord. The solar panels remain active.
- When the buggy is deployed (horizontal) and the laser is plugged in, the buggy is in an 'ON' state. The laser will turn on and emit a beam and the safety light will automatically begin strobing. The solar panels remain active.

RS4000 SOLAR CART SPECIFICATIONS

Two 35 Watt Solar Panels (Main) and
One 10 Watt Solar Panel (For Trickle
Charging When Stored on Tamper)

On board 55ah AGM No Maintenance
Battery

High Visibility Strobe Light Illuminates
the Buggy to Catch the Attention of
Equipment Working in Front of the
Area being Tamped.

