

# TUNDISH CAR ALIGNMENT

Fast and easy alignment of the tundish car is now possible with the ST271 PalmSLL self-leveling line laser and multi-axis swivel blocks (ST271-AB). With the base of the swivel block mounted permanently in the floor, the lasers (mounted to the top half of the swivel block) can be quickly positioned in order to align the submerged entry nozzles to the center of the mold axis while the tundish car is in the preheat position.

This alignment procedure saves time and effort of aligning the nozzles once the car is positioned over the mold – reducing the time between tundish fly's and eliminating potential freeze off's.

**Other uses for the ST271 PalmSLL include:**

- CSP SEN alignment
- Run-out roll alignment
- Alignment of conduit, pipes, etc.
- Construction & fabrication applications

## KEY FEATURES

- ◆ Self-leveling up to 6 degrees
- ◆ Bright crisp beams accurate to 1/8 inch at 30 feet
- ◆ Laser and swivel block removable after alignment
- ◆ Battery operated, 3 AA
- ◆ Includes wall bracket and carrying pouch

SPECIFICATIONS	
ST271 PalmSLL	SPECIFICATIONS
Line length	60 ft. @ 30 ft.
Range	100 ft.
Accuracy	1/8 in. @ 30 ft.
Fan angle	90 degrees
Leveling range	6 degrees
ST271-AB	SPECIFICATIONS
Top dimensions	5" x 3.5" x 1.0"
Base dimensions	5" x 3.5" x 1.0"
Material	Base-steel; top swivel-aluminum



## BENEFITS

- ◆ Non-contact alignment
- ◆ Reduce time between tundish fly's
- ◆ Avoid potential freeze off's and breakouts
- ◆ Ease of use

