

SEN ALIGNMENT (Tundish Prep)

Fast and easy alignment of the SEN in the tundish prep area is now possible with the ST271 PalmSLL self-leveling line laser and the ST272 LaserPLUMB centering gauge. With the ST272 seated in the well block of the tundish, two ST271 lasers are positioned at 90 degrees from the center so that the beams converge on the dot cast onto the floor by the laser plumb. Once in place, the SEN can be inserted and set by the vertical laser lines on the narrow and wide faces of the SEN.

This alignment procedure saves time and effort of aligning the nozzles – reducing the potential damaging effects of SEN misalignment in the mold.

Other uses for the ST271 PalmSLL include:

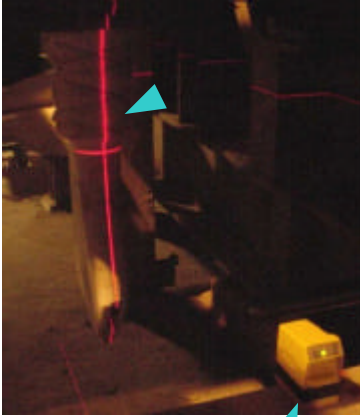
- SEN alignment in the mold – ST276 AccuLINE
- Run-out roll alignment
- Tundish car alignment
- Alignment of conduit, pipes, etc.
- Construction & fabrication applications

KEY FEATURES

- ◆ Self-leveling up to 6 degrees
- ◆ Bright crisp beams
- ◆ Designed for industrial applications
- ◆ Battery operated (ST271-3AA, ST272-1CR123A)

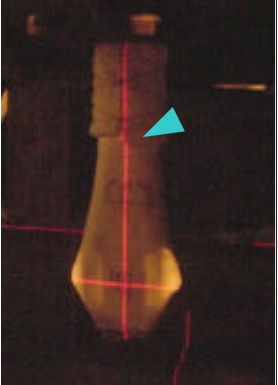
SPECIFICATIONS	
ST271 PalmSLL	SPECIFICATIONS
Line length	60 ft. @ 30 ft.
Range	100 ft.
Accuracy	1/8 in. @ 30 ft.
Fan angle	90 degrees
Leveling range	6 degrees
ST272 LaserPLUMB	SPECIFICATIONS
Accuracy	± 2 minutes
Laser	Class IIIA, 650nm
Material	Frame-aluminum; plumb-brass


SEN Alignment – Tundish Prep



ST271 PalmSLL
Self-leveling laser line gauge


Visible red laser beam strikes line on SEN for alignment





ST272 LaserPLUMB
Combines conventional plumbing with accurate laser capabilities. The brass body encloses a highly visible laser diode which is shot downward.

Magnetized Base:
A series of magnets dampen unnecessary vibration of the laser plumb. This enables fast and accurate centering of the laser beam.



BENEFITS

- ◆ Non-contact alignment
- ◆ Improve SEN alignment accuracy
- ◆ Avoid potential damaging effects of misalignment
- ◆ Ease of use

