

# Industrial Pipe Laser AMA SLP

Industrial Lasers designed for rental companies.  
With a proven 10 year life expectancy



 **AMA LASER**  
Made in Sweden  
[www.amalaser.com](http://www.amalaser.com)

## AMA SLP Features.

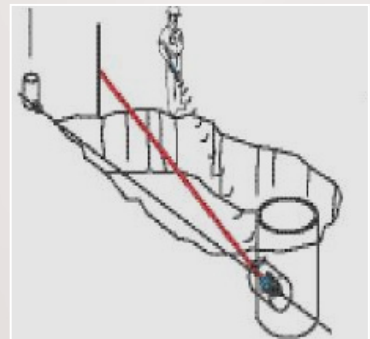
The SLP has many special features which can be activate or deactivated. Tailoring to each customers needs.

- ✓ **Flat bottom for easy flow**, Combined with a weight of 4.5KG gives staying power when working live pipes.
- ✓ **Super tough design**, all aluminium IP67 housing, suspension mounted mechanics.
- ✓ **High visibility angled display**, readable over a distance of 5M.
- ✓ **Fully compensated grade** gives vertical alignment when rolled in the X-axis.
- ✓ **Quick dial grades**, for fast setup.
- ✓ **2 button commands**, for azimuth cantering and grade zeroing.
- ✓ **Programmable security code**, can help with lower plant insurance bills.
- ✓ **Programmable service intervals**, preventing unforeseen breakdowns.
- ✓ **Programmable tilt function**, increasing peace of mind for above ground setup's.
- ✓ **Special extreme environment battery pack**, specified for -20° to +70° C. Giving a run time of over 150 Hrs under normal conditions.

## Remote control alignment.

The remote control alignment function allows you to direct the laser onto a know point above the trench, without later having to use the grade-setting control once more in the manhole.

1. Set the desired grade on the laser.
2. Direct the laser beam with the remote control onto the know direction point above the trench.
3. Press the Standby button on the remote to return the laser beam to the original grade setting - Because the laser is automatically plumb the pipe laser is now on line.



## Rental Standard accessories

**Inbuilt Rechargeable NiMH battery pack gives 150Hrs of use.** One of the biggest causes for pipe laser breakdowns is poor contact with external batteries.



**Flat bottem for easy flow.** Combined with a weight of 4.5KG gives staying power even when working small diameter live pipes. **4.5KG = Stability.**

**High visibility angled display,** readable over a distance of 5M. Having a display angled at 45° means it is easy to read from above the manhole.



**Automatic cross axis levelling.**

Means no fiddling around, upside-down at the bottom of the manhole.

The cross axis levelling range is wide enough (+/- 3°) to make life easy but at the same time narrow enough to stop you shooting off line in larger pipes.



**Designed and built in Sweden specifically for rental companies.** Not only is the SLP built to a unique rental standard, so are all the vital accessories.

The stainless steel and rubber universal target, with AMA's prismatic target panel reflecting a crisp sharp spot, even when viewed from acute angles.



The aluminium remote control, giving 8 functions over a distance of 100M.

Gas purged with dry nitrogen.  
Completely waterproof.



AMA's own ABS flight case takes years of abuse.



Stainless steel legs with vulcanised rubber tips to ensure stability, in and above the pipe.

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## SLP Technical Specification:

- ✓ Accuracy "+/-" 5mm/100M
- ✓ Grade range "-10%" to "+40%"
- ✓ Selfleveling range Pipe axis 20%, X-axis 3°
- ✓ Light source Laser Diode: 635nm red
- ✓ Laser Class 3R/3a <5mW
- ✓ Water/Dust proof IP67(Dry nitrogen purged)
- ✓ Battery 8000 mAh NiMH / 150Hrs +
- ✓ Operating Temp. "-20°C to +50°C"
- ✓ Size L. 295mm, Dia. 142mm, W: 4.5KG (10.lbs.)
- ✓ Construction Cast Aluminium

## SLP Remote Control

- ✓ Machined Aluminium
- ✓ IP67 Gas nitrogen purged
- ✓ 8 function.
- ✓ Range: Over 100M