

**NEW**



**STOTTS**

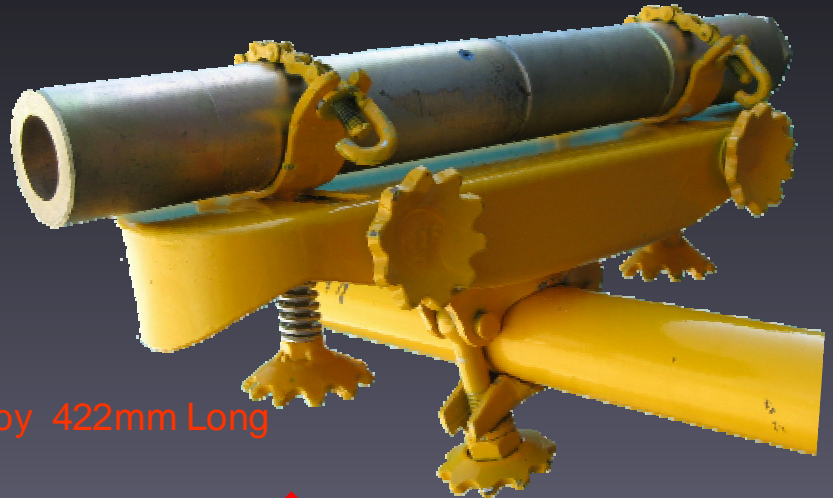
Ex ia IIB 136°C

IECEx SIM 090005

IEC  
Approved

## BLX-635

Dimensions: 50mm Diameter by 422mm Long



The **BLX-635**, is a larger Class 2M alignment laser system which has been manufactured to replace our previous large alignment laser.

The BLX-635 has the following features :

- Working Range to 500 metres.
- Approved to IEC 60079-0:2004 and IEC 60079-11:2006
- 5 mW output at 635nm, in a 20mm diameter initial beam.....collimated for extra long distance applications.
- Removable battery compartment allowing for batteries to be replaced in a non-hazardous environment.
- More than 400 hours continuous operation before battery change.
- Uses 3 x I.S. Approved "D" cell batteries. - P/No: **SIS BLXIS D.**
- Proprietary laser beam alignment mechanism using orthogonal set screws and a locking screw based on spherical bearing alignment.
- Isolated laser diode component.
- Unique Automatic Power Control (APC) laser power regulation based on proprietary circuitry.
- Miniature laser control circuits (10.5mm diameter) using potted and encased surface mount technology.
- Reverse battery protection which prevents any connection if batteries are inserted incorrectly.
- Fused Laser Head and Fused Battery compartment, for Intrinsic Safety.
- Simple rotary on/off switch with nylon-tipped set screw lock to prevent removal underground.
- Protective laser lens output window head.
- Screw on Caps available to protect Laser and Battery Connections in Transport.
- Safety information engraved into Zn-plated brass body for permanent labelling.
- Optional Carry Case
- Designed to AS 2211.1:2004 (IEC 60825-1:2001, MOD)

**STOTT INDUSTRIAL SUPPLIES**  
Unit 1 / Balook Drive  
(Endeavour Close)  
BERESFIELD NSW 2322

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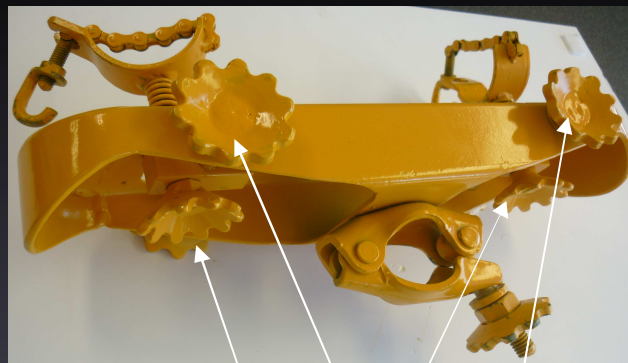
## ACCESSORIES

for  
BLX-635

## **NEW & IMPROVED!**

*The following changes have been incorporated into this new Laser Adjustment bracket following customer input.*

- Larger thumb wheels for effortless adjustment with gloved hands
- Heavier Duty threaded rods
- Threads and slides now have better protection from debris.
- New simple Laser clamping mechanisms, for use with gloved hands. Laser Clamp chain remains attached to the frame.
- Frame ends are smooth & rounded with no protruding edges to reduce possible worker injury & to protect the slides.
- Lighter & Stronger construction.
- Rounded frame ends also serve as a Carry Handle designed for comfortable grip when being carried.



ADJUSTMENTS ARE PROVIDED AT BOTH FRONT & BACK FOR LEFT / RIGHT MOVEMENT & UP / DOWN MOVEMENT

P/No: **BLX- LASER FRAME**

- Portable
- Self Contained Intrinsically Safe
- Complies with AS2211.1:2004 Class 2M 1:2004 (IEC 60825-1:2001, MOD)
- Battery life exceeds 15 days
- Total Weight - total 5.5 kgs
- LSI Laser Unit Complete
  - 422mm x 51mm Diameter
- BSI Battery Pack 222mm x 51mm Diameter
- Battery Supply - 3 x IS Approved "D" Cells
  - P/No: **SIS BLX IS D**
- Construction is all Bronze Outer Housing
- Optional Heavy Duty Insulated Carry Case is available

### VERTICAL HANGER

Standard 600mm long  
P/No: **CLA11LF02A**

Also available:

- Various optional lengths
- Nuts one end only

*If your application needs special modifications, talk with us at Stotts about how we can assist you.*



Threads at both ends (M24) to facilitate connection to Roof Bolts

HORIZONTAL HANGER  
Standard 600mm long  
(no threaded nut at end)  
P/No: **CLA11LF03**

Also Available:

- Various optional lengths
- Nut can be included at open end

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### CARRY CASE UNIT 2 x BATTERY PACK



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