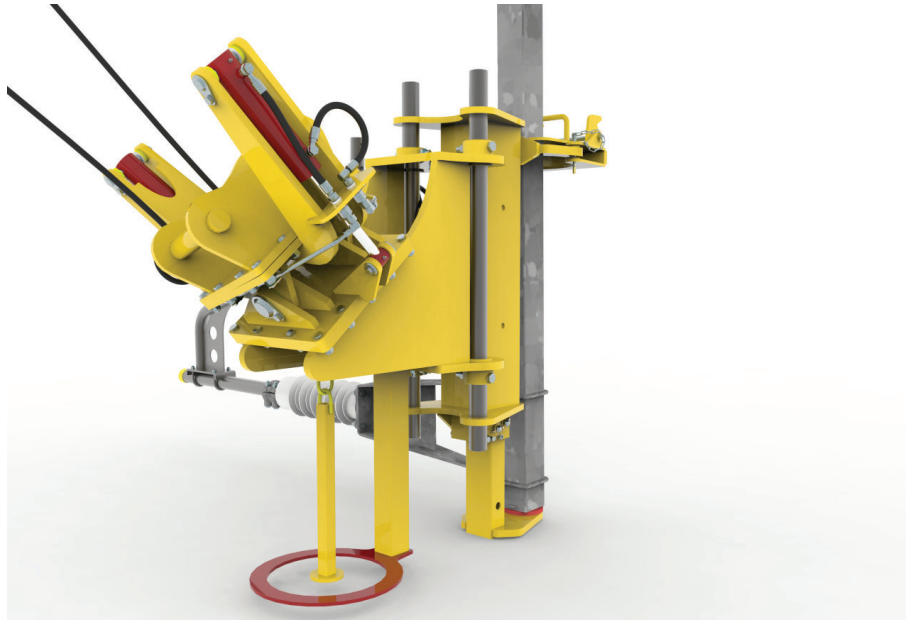


# SPLI6-02 STOVEPIPE LIFTER

## Specifications



An attachment for lifting and aligning electrification support sections (stovepipes)

Issue 2

August 2022

# Contents and Issue Record

Introduction	3
Key Features	4
Stillages	6
Specifications	7
Contact Details	9

## Issue Record

First Issue	March 2016
Issue 2: Change of Factory Address	August 2022

# Introduction

**The Thomson SPL16-02 Stovepipe Lifter is an attachment for a road-rail excavator designed to assist in the installation of the secondary support components of overhead live electrification structures.**

The device consists of an adapter head to connect to the host machine and a grab assembly. In between these sections, the device can be specified with a tilting plate assembly which allows the device to be tilted to compensate for canted track.

The jaws of the grab section are interchangeable to allow for the wide variety of different post sizes used. The grab incorporates a hand-pumped hydraulic lift system allowing workers to precisely set the height before clamping the load into its final position.

To assist the excavator driver in setting the assembly accurately upright a pendulum indicator may be specified. This accessory provides a simple but accurate visual indication of the orientation of the grab assembly.

The SPL16-02 Stovepipe Lifter is normally supplied with a purpose designed transport / storage stillage which provides safe and secure storage for all spare jaws and other accessories.

Each unit is individually tested and is delivered with a LOLER certificate of thorough examination allowing the device to be put straight to work.



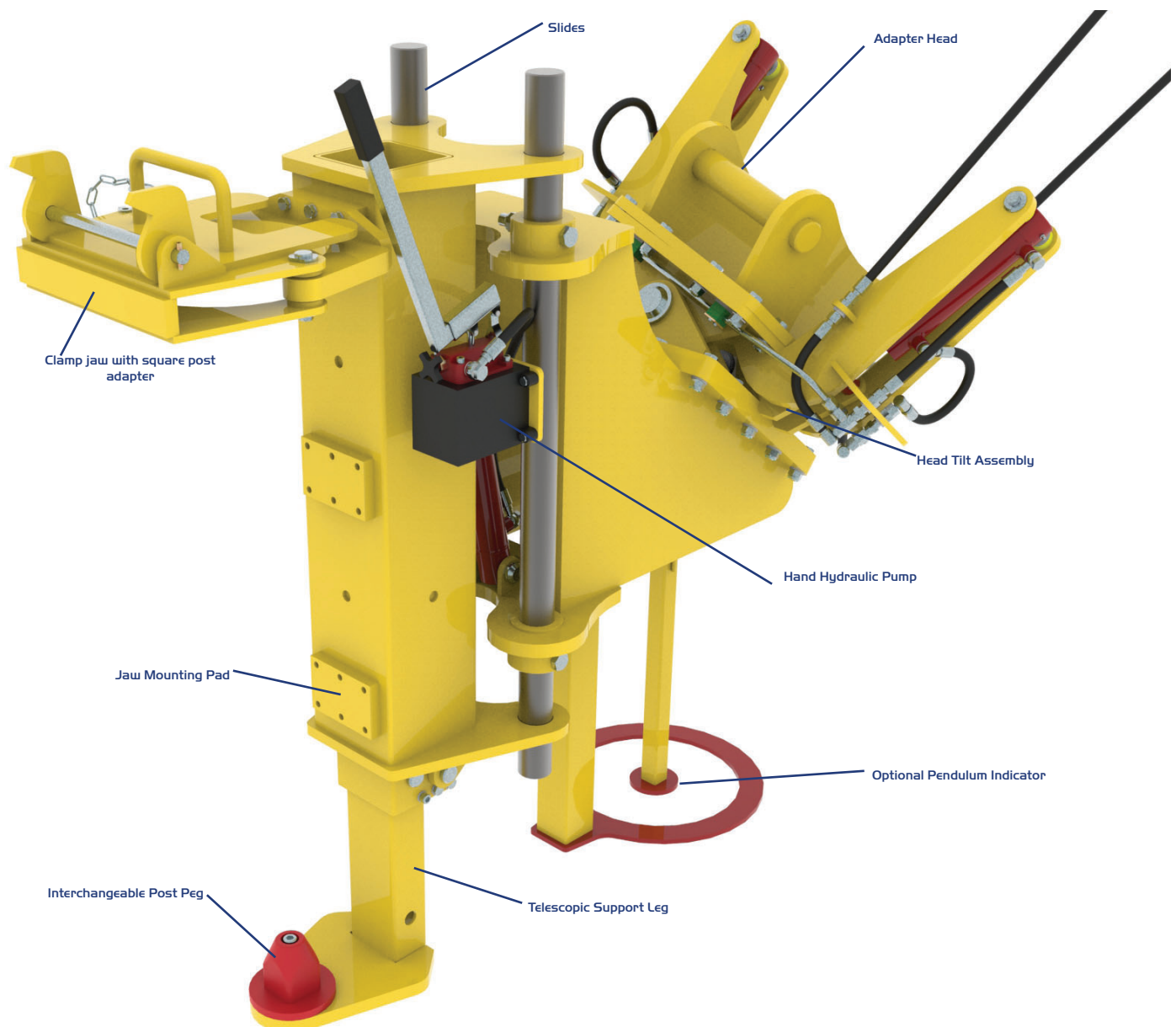
# Key Features

*The device is coupled to the host machine using the adapter head. Adapter heads are available for all types of excavator and quick coupler.*

If the head tilt assembly is fitted then two hoses connect the tilt cylinders to the host machine auxiliary hydraulic supply.

The bottom of the post to be lifted is located on the post peg and a variety of clamp jaws can be fitted to the jaw mounting pegs to suit different post types and shapes.

The telescopic support leg can be extended by up to 1290mm so that all lengths of support post can be accommodated within the device.





**When using the Stovepipe Lifter the telescopic leg is adjusted to suit the length of post being handled.**

Next, the correct clamps are selected and fitted then the clamps are opened and the post placed onto the post peg.

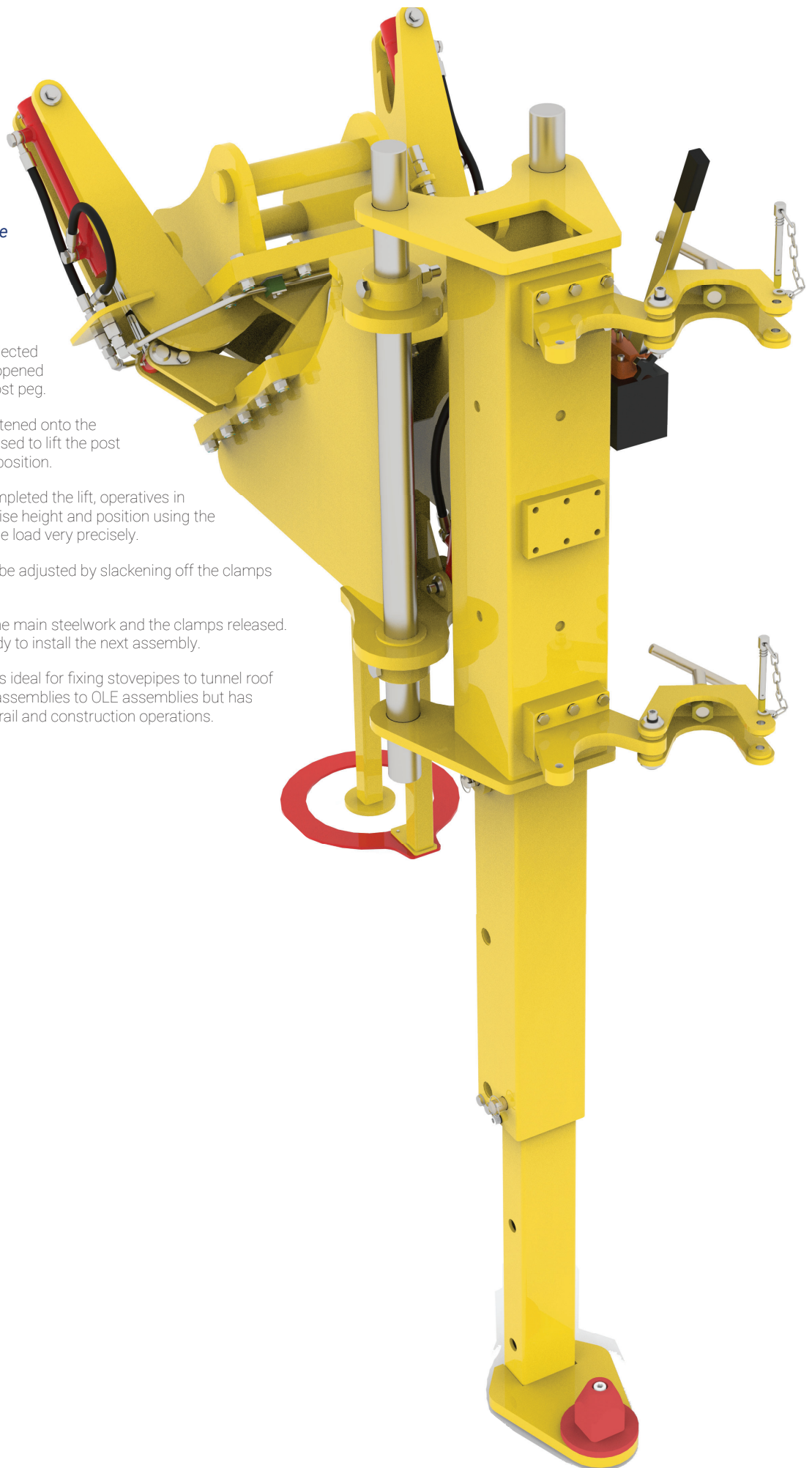
The clamps are closed and tightened onto the post then the host machine is used to lift the post as close as possible to its final position.

Once the host machine has completed the lift, operatives in a MEWP basket adjust the precise height and position using the hand hydraulic pump to raise the load very precisely.

The orientation of the post can be adjusted by slackening off the clamps and rotating the post by hand.

Finally the post is clamped to the main steelwork and the clamps released. The Stovepipe Lifter is now ready to install the next assembly.

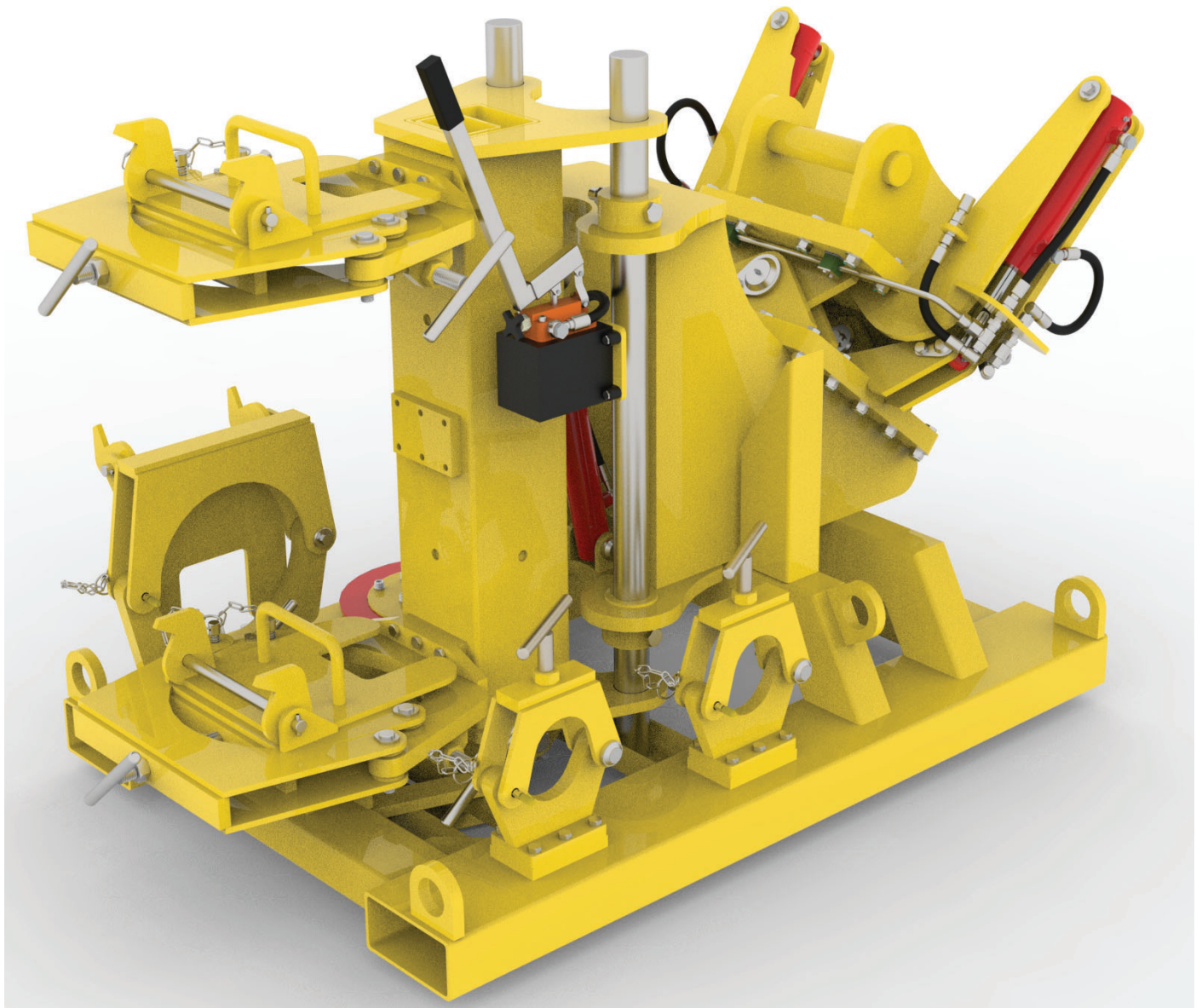
The SPL16-02 Stovepipe Lifter is ideal for fixing stovepipes to tunnel roof mountings and cantilever arm assemblies to OLE assemblies but has found many other uses in both rail and construction operations.



# Stillages

**S**PL16-02 Stovepipe Lifters are normally supplied with a transport / storage stillage.  
Two stillage types are available depending on the user's preference.

Both stillages incorporate fork-lift pockets, lash-down lugs and include locating features for all accessories.



# Specifications

Minimum round post diameter	65 mm
Maximum round post diameter	300 mm
Minimum square post size	50 mm
Maximum square post size	210 mm
Minimum post length	800 mm
Maximum post length	6,000 mm
Maximum post weight	1,000 kg
Hand pumped lift travel	200 mm







# Contact Details

**A**ll technical and sales enquiries should be directed to Thomson Engineering Design.

**Thomson Engineering Design Ltd  
Units 2a & 3 Crabtree Road  
Cinderford  
Gloucestershire  
UK  
GL14 2YN**

**Tel: +44 (0) 1594 82 66 11**

**Email:           sales@thomsondesignuk.com  
                     technical@thomsondesignuk.com**

## PLEASE NOTE

Whilst every care is taken to ensure that the contents of this document are true and accurate, the specifications of our products and the scope of our services are constantly changing as part of our policy of continuous improvement.

We recommend contacting the factory to ensure that details given are still current.

More than half our business comes from special products designed and built as one-off's and we are always pleased to discuss amended specifications should the product detailed here not meet your exact requirements.

