

## Top Loading Clamps



TLC 315

Branch Saddle Adaptor

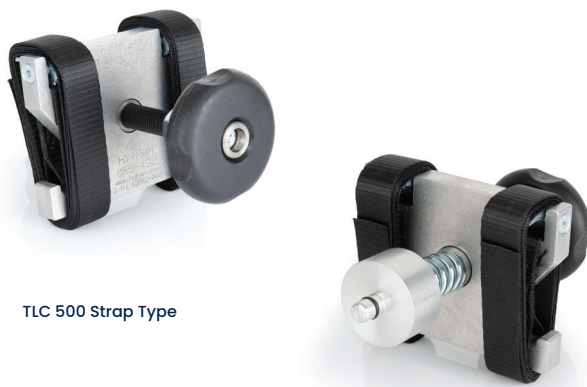
### TLC315 Pillar Type Top Loading Clamp

These Hy-Ram Pillar Clamps locate in the 12mm hexagonal drive on the cutter of the tapping saddle. For saddles without an integral cutter, Saddle Adaptors are available.

All Clamps are of robust design and incorporate a 'correct load' indicator and a vee base to ensure correct pipe location

Product Code	Description	Size Diameter Range
089-000430	TLC315	Up to 315mm dia. pipe
089-000343	Adaptor	63, 90mm Branch Saddle Adaptor
089-000344	Adaptor	63, 90, 125mm Branch Saddle Adaptor

\* Important: Top Loading Clamps should be periodically calibrated in line with manufacturers' recommendations. Refer to Hy-Ram Portable Saddle Clamp tester for more information see below.



TLC 500 Strap Type

### TLC500 Strap Type Top Loading Clamp

The Hy-Ram Strap Clamp locates in the 12mm Hexagonal drive on the cutter of the tapping saddle and is especially useful where trench space is tight.

For any size of pipe (up to 500mm diameter).

(For saddles without an integral cutter, an Adaptor is available)

Product Code	Description	Size Diameter Range
089-000432	TLC 500 (Strap type)	Up to 500mm dia. pipe
089-000343	Adaptor	63, 90mm Branch Saddle Adaptor
089-000344	Adaptor	63, 90, 125mm Branch Saddle Adaptor

\* Important: Top Loading Clamps should be periodically calibrated in line with manufacturers' recommendations. Refer to Hy-Ram Portable Saddle Clamp tester for more information see below.

## Portable Saddle Clamp Tester



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Portable Saddle Clamp Tester

### Portable Saddle Clamp Tester

Hy-Ram developed portable Calibration / Test Unit for ensuring that Top Loading Pillar and Strap Type Clamps for Electrofusing Tapping Tees are applying the correct load in compliance with the relevant specification.

Saddle Clamps are extensively used in both the Gas and Water industry in order to ensure the optimum interface force between the Electrofusion fitting (tapping, branch and purge saddle) and the pipe.

Common types of Saddle Clamps include the Pillar Clamp and the Strap Type Clamp. Both designs include a 'load cell' which should deliver the optimum interface force (1.4 - 1.5 kN), once the unit is adjusted in accordance with the instructions. (Normally the indicator pin becoming 'flush' with the top surface of the hand-wheel). In time, the spring within this 'load cell' can weaken and in line with manufacturers recommendations clamps should be recalibrated.

Being battery operated for field use, the Hy-Ram Portable Saddle Clamp Tester is supplied in a bespoke plastic carry-case and can be used to recalibrate clamps from any manufacturer.

Product Code	Description
189-000019	Portable Saddle Clamp Tester