



UNDERSLUNG CRANE

**RED ROOSTER
LIFTING**

RAISING EXPECTATIONS

The **STREET UNDERSLUNG TRAVELLING CRANES** are available in single girder or double girder construction and in either single span or multi-span configuration. This is just part of Red Rooster Lifting's full range of Street equipment available.



Underslung travelling cranes are a great option when supporting steel work is not possible and optimum hook coverage is required.

Street has a standard range of pre-engineered single span underslung cranes with spans up to 30m but our multi-span solutions can provide full hook coverage of buildings in excess of 100 m wide. We manufacture underslung cranes with lifting capacities up to 20t however as we explain below our top selling models are 10t and less.

All Street underslung cranes may be specified with a range of optional smart features and software to increase productivity, reduce cycle times, to prevent human error and to monitor and extend the life of the crane. Smart features include load dependent speeds, sway control to limit load swing, over-speed protection, design working period (DWP) monitor and other condition monitoring devices.

OTHER ADVANTAGES UNDERSLUNG CRANES HAVE OVER TOP RUNNING CRANES:

- Allows for hoists to operate close to the end carriage or end of beam.
- Allows crane beam to get closer to the factory wall or the end of the crane runway.
- Introduces the possibility of cantilevered crane beam such that the hoist runs beyond the end carriage and track beam.

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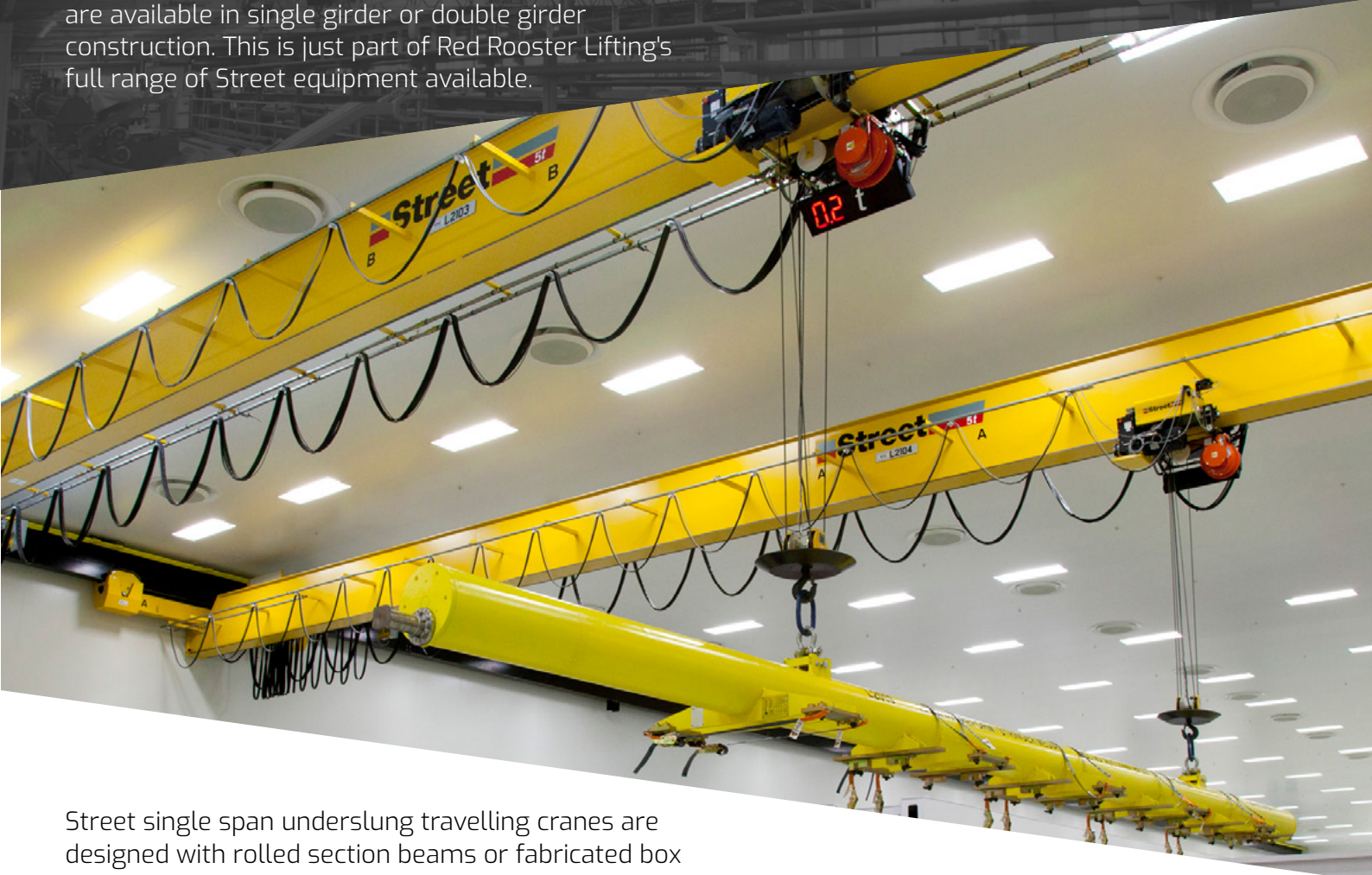
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UNDERSLUNG CRANE SINGLE SPAN



RAISING EXPECTATIONS

The **STREET SINGLE SPAN UNDERSLUNG CRANES** are available in single girder or double girder construction. This is just part of Red Rooster Lifting's full range of Street equipment available.



Street single span underslung travelling cranes are designed with rolled section beams or fabricated box beams depending on capacity and span. A variable girder connection design allows us to optimise the available height of lift in each application. The suspended end carriage design introduces the possibility of cantilevers (lateral overhangs) to provide increased hook coverage by allowing the hoist and load to travel beyond the runway track line.

Street underslung travelling cranes can be specified with a variety of operator control systems including control from a push button pendant suspended from and mobile across the crane bridge or fully remote radio control. Street underslung travelling cranes may be equipped with either Street ZX wire rope hoists or Street LX chain hoists and most have capacities of 10 t or less because of the limitations of supporting structures.

ADVANTAGES OF STREET SINGLE SPAN SINGLE UNDER-SLUNG CRANES WITH ZX HOISTS.

- Extra hoist brake safety.
- Additional protection against overloading.
- No external hoist gears.
- Double band rope guide.
- Hoist gear inspection facility.
- Unique fail-safe hoist drum.
- Variable speed travel and traverse.
- No external trolley gears.
- Sturdy trolley side rollers.
- Trolley reaction roller obviates the need for counter weight.

