

Wire Rope Hoists



ZX wire rope hoists with capacities up to 80 tonnes

Street ZX hoist is an all-purpose workhorse but with some genuine differences.

The first generation Street ZX wire rope hoist was first developed in the late 1990s and very quickly became the best selling hoist product that Street has ever produced, firmly establishing us as a global hoist manufacturer. The unique design developed a strong reputation for reliability and endurance, with an unparalleled record in a vast range of applications and environments worldwide.

Every function of the latest generation ZX hoist has been reviewed and a whole series of innovations applied to provide new levels of user-friendliness and performance. The result is an easy to operate, high endurance hoist incorporating state-of-the-art technology.



ZX low headroom wire rope hoist with single monorail trolley - Capacities up to 15 tonnes.

This extensive range of low headroom monorail hoists are mounted on a single trolley with four flangeless wheels and guide rollers, designed to run on the bottom flange of a single beam or girder. A reaction roller precludes the need for a counterweight thus reducing the wheel loads. This construction provides a higher top hook position in a restricted headroom compared to a hoist of standard headroom construction.

The following unique features enhance safety, performance and reliability or reduce lifetime costs by enabling inspection and service tasks to be executed in less time.

- Hoist gearbox brake which holds the load even if other components fail.
- Double band rope guide eliminates 'slack rope' problems.
- All hoist gears including final reduction inside the gearbox with oil bath lubrication.
- Unique torque-arm overload device also prevents damage if free drum rotation is restricted.
- Hoist gearbox cover allows inspection of gears without dismantling the hoist.
- Hoist coupling portal allows inspection of motor coupling without dismantling the hoist.
- Fail-safe hoist drum with internal safety shaft and retention spigots.
- External removable fan-cooled motors with cooling fins on all motions of the crane.
- Step-less speed control on the traverse motion.



ZX low headroom wire rope hoist with double monorail trolley - Capacities up to 25 tonnes.

Most crane and hoist manufacturers offer standard headroom monorail hoists above 12 or 15 tonnes but by incorporating a double trolley design Street offer low headroom construction in capacities up to 25 tonnes. Each trolley runs on four flangeless wheels with guide rollers and a reaction roller obviates the need for a counterweight thus reducing the wheel loads. This construction provides a higher top hook position in a restricted headroom compared to a standard headroom hoist. All hoists in this range are on the ZX8 chassis with either two or four falls of rope and multiple brake/motor/gearbox/drum diameter combinations to provide a very large number of speed, duty and height of lift options.



ZX wire rope hoist with double girder trolley - Capacities up to 80 tonnes

ZX hoists mounted on a double girder trolley are available with a single scrolled hoist drum in all capacities up to 32 tonnes and in all capacities up to 80 tonnes with a double scrolled hoist drum. A double scrolled hoist drum costs more than a single scroll drum but provides true vertical lift and equal trolley wheel loads. The equal wheel loads reduce the cost and size of crane girders such that the overall crane solution with a double scrolled hoist is the most economic at larger capacities and the true vertical lift is a big advantage in some applications. Hoists in this range are on the ZX6, ZX8 or ZX10 chassis with either 2, 4, 6, 8, 12 and 16 falls of rope and multiple brake/motor/gearbox/drum diameter combinations to provide a very large number of speed, duty and height of lift options.



ZX wire rope hoist with base mounting - Capacities up to 80 tonnes

Base mounted ZX hoists are available with a single scrolled hoist drum in all capacities up to 32 tonnes and in all capacities up to 80 tonnes with a double scrolled hoist drum. Base mounted hoists are the most economic solution when fixed position hoisting is required and can be mounted on a variety of structures. Base mounted hoists are also suitable for replacement hoists on existing trolleys. Hoists in this range are on the ZX6, ZX8 or ZX10 chassis with either 2, 4, 6, 8, 12 and 16 falls of rope and multiple brake/motor/gearbox/drum diameter combinations to provide a very large number of speed, duty and height of lift options.