

Tree shears

Powered work tool 4-7 tonnes

A tree shear for efficient and safe cutting

A tree shear on the excavator is a powerful work tool for cutting trees, branches, brush, and energy wood, significantly reducing the time required compared to manual cutting. It can be used in applications such as forestry, and to clear trees from power lines, roadsides, railways and canals. Using the tree shear is safer, faster and often more cost-effective.

The Steelwrist tree shear has a fixed blade and a powerful cylinder for the best cutting power and to ensure safe cutting. The two grapple arms are designed to give the best grip around the tree trunk. Thanks to the use of high quality steel the grapples are durable yet light in weight, minimizing wear on the excavator. The knife is located at the bottom of the shear to get as low to the stump as possible.



Work from the safety of the excavator cab

The excavator operator can cut and hold the tree safely using the tree shear, compared to the risks associated with chainsaw operations. The need for workers to be near dangerous cutting zones is eliminated. Installation and maintenance is easy, and learning to work with the tree shear is relatively straightforward.

Modular design for upgrade to SQ/Open-S

The tree shear is available with an interface following the symmetrical standard (S standard), which is the fastest growing standard internationally. Thanks to the modular design it is possible to upgrade the tree shear from S-type to SQ-type. Steelwrist SQ is our high performing automatic oil connection technology used to easily change and connect hydraulic work tools on the excavator. All SQ products comply with the Open-S standard.

Technical specification

Tree shears	TSX6	
Bracket	S40, SQ40	
Machine weight [ton]	4-7	
Max Breakout torque [kNm]	50	
Weight from [kg]	185	
Width [mm]	510	
Length [mm]	670	
Height [mm]	870	
Height, max open [mm]	1140	
Gripper reach [mm]	654	
Gripper reach, smallest object [mm]	67	
Cutting capacity, diameter [mm]	>180	
Oil Flow [l/min]	30	