Finger grapples

Powered work tool 2-26 tonnes



Heavy duty universal grapple

The Steelwrist finger grapple is a heavy duty universal grapple for handling challenging materials like stumps, debris, scrap and forest residue. It is ideal for forestry work, site preparation, demolition sorting and storm cleanup. Easily grip, lift and place objects using the finger grapple on the excavator.

Perfect for use with a tiltrotator

Steelwrist grapples are optimized for use with a tiltrotator. The tiltrotator enables you to tilt and rotate your work tool, making it easier to reach awkward angles and work in confined spaces, with more precise control over the handling of materials. This is very practical in tasks where accuracy is crucial, such as sorting and placing objects in areas where space is limited. The need for frequent repositioning of the excavator is reduced. The bracket has a 6 degree angle for level alignment with the tiltrotator rotation plane.

A grapple for handling a variety of materials

The FGX finger grapple has six bypassing fingers in high grade steel, to keep weight down while enhancing lifespan. The by-passing jaws close fully so that also thin objects can be handled with ease. Similarly to all other Steelwrist grapples it has low building height and large grip width. The hydraulic design is safe and robust with shock relief- and load holding valves.

Modular design for upgrade from S to SQ, following the Open-S (OS®) symmetrical standard

The grapple 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 grapple from S-type (from S50) 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. Naturally all SQ products comply with the Open-S standard.

Information

Finger grapples	FGX6	FGX8	FGX14	FGX20	FGX26
Bracket	S40, SQ40	S45, SQ45, S50, SQ50	S45, SQ45, S50, SQ50, S60, SQ60	S60, SQ60	S70, SQ70
Machine weight [lb]	4400-15400	13200-17600	13200-30800	26400-44000	39600-57200
Max Breakout torque [kNm]	50	70	80	180	240
Weight from [lb]	572	616	880	1441	1837
Width [inch]	24.57	24.57	27	31.14	32.87
Length [inch]	33.62	33.62	37.76	42.68	46.81
Height [inch]	17.72	17.72	20	22.36	24.21
Height, max open [inch]	24.57	24.57	27.17	32	32.44
Height, tip against tip [inch]	29.61	29.57	33	37.80	39.84
Gripper reach [inch]	57.13	57.13	64.25	72	79.76
Gripper reach, smallest object [inch]	4	4	4.21	4.69	5.87
Gripper force, tip against tip [kN]	9,8	9,8	17,5	19,8	25,3
Lifting capacity [lb]	6600	6600	13200	17600	22000
Oil Flow [gallons/min]	7	7	12	17	24
Max pressure [bar]	250	250	250	250	250