Sorting grapples

Powered work tool 2-26 tonnes



A heavy-duty grapple for tough tasks

The sorting grapple is excellent for handling tougher materials like rocks, large stones, timber and scrap, as well as for recycling, sorting and medium-duty demolition. It is light in weight but still strong, and has a compact design.

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.

Compact and robust grapple with enhanced grip design

The sorting grapple has a lightweight yet strong construction, and an impressive grip width that makes it possible to handle larger items with ease. Small objects can be picked up efficiently thanks to the tip-to-tip closing of the grip and the refined shape of the tip. The hydraulic design is safe and robust with shock relief- and load holding valves.

Modular design for upgrade to SQ/Open-S

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 S40) 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.

Technical specification

Sorting grapples	SGX6	SGX8	SGX14	SGX20	SGX26
Bracket	S40, SQ40	S45, SQ45, S50, SQ50	S45, SQ45, S50, SQ50, S60, SQ60	S60, SQ60, S65, SQ65	S70, SQ70, S70/55, SQ70/55
Machine weight [ton]	2-7	6-8	6-14	12-20	18-26
Max Breakout torque [kNm]	70	70	80	180	240
Weight from [kg]	251	253	376	597	744
Width [mm]	514	514	606	686	755
Length [mm]	859	859	955	1085	1191
Height, max open [mm]	584	584	632	717	791
Height, tip against tip [mm]	782	782	858	973	1068
Gripper reach [mm]	1646	1646	1839	2084	2281
Gripper reach, smallest object [mm]	468	468	506	577	639
Gripper force, tip against tip [kN]	10	10	15	20	25
Gripper area [m2]	0,2	0,2	0,25	0,35	0,43
Lifting capacity [kg]	3000	3000	6000	8000	10000
Oil Flow [l/min]	23	23	43	60	81
Max pressure [bar]	250	250	250	250	250