

Tilt couplers XT

Tilt- and Rotor Coupler 2-24 tonnes

Tilt couplers for excavators up to 52 800 lbs

With the Steelwrist tilt coupler you get a tilt function and a quick coupler solution that makes your excavator far more versatile. The tilt coupler has a robust design, based on the steel cast coupler, with large contact surfaces to the work tool, and a powerful tilt motor. The integrated quick coupler functionality allows the operator to change between different work tools easily and rapidly without leaving the cab. Installation is easy as no separate control system is required.

A tilt coupler on the excavator is perfect for a wide range of applications, such as grading, landscaping, ditch cleaning, trenching on slopes, for utility work and demolition. The bucket or work tool can be used with precision and reach into confined areas without repositioning the entire machine.

The XT tilt coupler – a robust tilt function for excavators between 4 400 and 52 800 lbs

The Steelwrist XT tilt coupler is based on the steel cast coupler as well as the robust direct fit top with expander pins for a playfree installation, and boasts an impressive high tilt torque. The ability to tilt the work tool up to 90° in each direction, allows the excavator to perform tasks that would otherwise require manual adjustments, and makes it easier to work in confined or hard-to-reach areas.

The coupler has Front Pin Lock or Front Pin Hook for safe work tool changes.

Add SQ functionality to enable quick changes of powered work tools

Available from XT10 and above, the tilt coupler can be equipped with Steelwrist SQ technology. This will allow you to change powered work tools such as breakers, crushers, shears, grapples as well as mechanical work tools in only seconds – all without leaving the cab. Naturally all SQ products comply with the Open-S standard. We believe in open standard interfaces, and this means that the SQ system allows you to use work tools from other brands following the Open-S standard.



⚙️ **Technical specification**

Tilt couplers	XT4	XT7	XT7	XT10	XT10	XT10	XT20	XT20	XT23	XT23
Quick coupler	S40	S40	S50	S45	S50	SQ50	S60	SQ60	S70	SQ70
Machine weight [lb]	4400-13200	4400-13200	11000-15400	11000-26400	11000-26400	11000-26400	26400-44000	26400-44000	39600-52800	39600-52800
Max Breakout torque [kNm]										
Weight from [lb]	209	319	418	462	462	462	792	836	1364	1430
Building height [inch]	14.49	15.51	17.32	17.52	19	19	20.28	20.28	24.61	24.61
Length [inch]										
Cylinder width [inch]										
Max tilt angle [degrees]	±90°	±90°	±90°	±60°	±60°	±60°	±60°	±60°	±60°	±60°
Max width dipper arm [inch]	6.30	7.87	9	9	9	10.87	13.15	13.15	15.75	15.75
Pin diameter [inch]	1.38-1.77	1.38-2	1.77-2.36	1.77-2.36	1.77-2.36	1.77-2.36	2.36-3.15	2.36-3.15	2.36-3.15	2.36-3.15
Pin distance [cc-measure] [inch]	5.12-10.63	9.25-13.58	8.66-14.37	8.66-14.37	8.66-14.37	8.66-14.37	23.62-18.11	11.81-18.11	10.63-19	10.63-19
Tilt Torque [kNm]	2,6	4,3	4,3	7,2	7,2	7,2	13,3	13,3	17,8	17,8
Holding Torque [kNm]	9,4	14,8	14,8	20,4	20,4	20,4	40,7	40,7	53,1	53,1
Lifting hook [lb]	6600	6600	6600	11000	11000	11000	11000	11000	17600	17600
Oil Flow [gallons/min]	2-7	4-8	4-8	5-15	5-15	5-15	7-21	7-21	9-28	9-28
Max pressure [bar]										
Max Pressure Separate AUX [bar]	210	210	210	210	210	270	350	350	350	350
Safety solution	FPH	FPH	FPH	FPL1	FPL2	FPL2	FPL2	FPL2	FPL2	FPL2