Tilt couplers XT

Tilt- and Rotor Coupler 2-24 tonnes

Tilt couplers for excavators up to 24 tonnes

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 2 and 24 tonnes

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.

Information

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 [ton]	2-6	2-6	5-7	5-12	5-12	5-12	12-20	12-20	18-24	18-24
Max Breakout torque [kNm]										
Weight from [kg]	95	145	190	210	210	210	360	380	620	650
Building height [mm]	368	394	440	445	481	481	515	515	625	625
Length [mm]										
Cylinder width [mm]										
Maximum tilt angle [degrees]	±90°	±90°	±90°	±60°	±60°	±60°	±60°	±60°	±60°	±60°
Max width dipper arm [mm]	160	200	230	230	230	276	334	334	400	400
Pin diameter [mm]	35-45	35-50	45-60	45-60	45-60	45-60	60-80	60-80	60-80	60-80
Pin distance [cc-measure] [mm]	130-270	235-345	220-365	220-365	220-365	220-365	600-460	300-460	270-485	270-485
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 [ton]	3	3	3	5	5	5	5	5	8	8
Oil Flow [l/min]	9-28	15-30	15-30	19-58	19-58	19-58	26-78	26-78	35-105	35-105
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