

X12 S50

チルトローテータ 7-12 トン

7トンから12トン級油圧ショベル、バックホーローダ 用チルトローテータ

The Steelwrist tiltrotator is designed to deliver the power and durability that is a must for mid-sized and larger excavators. Our tiltrotators have a low building height, high tilt angle and an unbeatable relationship between strength and weight thanks to steel casted components.

The tiltrotator enables you to rotate your work tool 360 degrees and tilt 45 degrees in each direction with top of the class precision and controllability. This facilitates your work and makes you flexible to take on a variety of challenging new jobs.

The coupler has Front Pin Lock safety solution, a mechanical lock of the front shaft which significantly limits the risk of an unintended drop of work tools.

It is possible to upgrade from S to SQ at a later stage, even if this was not ordered from the beginning. Steelwrist SQ is a high performing automatic oil connection technology used in quick couplers and tiltrotators on excavators to connect hydraulic work tools.

High flow hydraulics and Absolute Rotation sensor

With a tiltrotator that has high flow hydraulics you will be able to use the tiltrotator in a more fuel efficient way and it allows for efficient use of high flow work tools. A robust and easily calibrated Absolute Rotation sensor in the high flow swivel gives high accuracy data to Machine Control Systems.

Control System

Steelwrist supply two types of tiltrotator control systems. Quantum is an advanced control system where ergonomics, easy installation and fuel efficiency, remote support and automatic tool recognition are important parts of the system. The four hose proportional machine control is the more basic system. [Read more](#)

Tiltrotator options

Gripper Cassette

Equip the tiltrotator with a gripper cassette with a finger gripper that will make your excavator even more flexible. The gripper cassette can be retrofitted. [Read more](#)

Central lubrication

Our tiltrotators can be equipped directly from factory with central lubrication that fits all central lubrication systems on the market. Central lubrication can also be automatically connected to a work tool beneath the tiltrotator. [Read more](#)



測定・寸法

タイプ	S50/S50	Direct Fit/S50
幅 (ミリ)	565	565
長さ (ミリ)	625	689
構造物高さ (ミリ)	425	494
シリンダー幅 (ミリ)	676	678
重量 から (キロ)	310	352
グリップー付き幅 (ミリ)	580	580
グリップー付き長さ (ミリ)	764	829
グリップーリーチ (ミリ)	508	508
グリップー付き重量 から (キロ)	370	370
ピン間距離 (計測単位-cc) (ミリ)		240-365
ディッパーアームの最大幅 (ミリ)		272
ピン径 (ミリ)		40-60

技術スペック

タイプ	S50/S50	Direct Fit/S50
推奨機械重量 (トン)	7-12	7-12
上部ユニット	S50	Direct Fit
アタッチメント・カブラ	S50	S50
最大チルト角 (角度)	45	45
必要流量 (リッター/分)	70-90	70-90
圧 (bar)	210	210
グリップ無し追加油圧	2	2
グリップ付き追加油圧	1	1
回転速度 (r/m)	8	8
回転力 (kNm)	5,4	5,4
チルト力 (kNm)	29	29
ギヤハウジングの給脂	グリース	グリース