

X12 S50

Tiltrotator 7-12 tonnes

A tiltrotator for excavators and backhoe loaders between 6 and 12 tonnes

Steelwrist tiltrotator is designed to deliver the power and durability are a must for larger excavators. With a well thought-out design, raw power, precision and smoothness are combined in rotation and tilt functions. This facilitates your work and makes you flexible to take on a variety of challenging new job.

Gear housing, bottom and top in solid cast steel, hardened shafts and piston rods, dual acting tilt cylinders, gripper cassette with four finger gripper and central lubrication as options.



Tiltrotator options

Control Systems

XControl if you want to have complete freedom to run all functions simultaneously or four hose system with proportional control from the excavator. Both types of control systems meet the upcoming ISO13031.

Gripper Cassette

Our tiltrotators can be equipped with gripper cassette and four finger gripper that will make your excavator even more flexible. The gripper cassette can be retrofitted.

Central lubrication

Our tiltrotators can be equipped directly from factory with central lubrication that fit all central lubrication systems in the market. Read more here.

Type	S50/S50	Direct Fit/S50
Width (mm)	567	567
Length (mm)	625	689
Building height (mm)	425	494
Cylinder width (mm)	676	678
Weight from (kg)	285	327
Width with gripper (mm)	578	578
Length with gripper (mm)	765	829
Gripper reach (mm)	508	508
Weight with gripper from (kg)	370	370

⚙️ Technical specification

Type	S50/S50	Direct Fit/S50
Recommended machine weight (tonnes)	7-12	7-12
Top unit	S50	Direct Fit
Attachment coupler	S50	S50
Maximum tilt angle (degrees)	45	45
Necessary flow (litre/min)	70-90	70-90
Pressure (bar)	210	210
Hydraulic extras without grip	2	2
Hydraulic extras with grip	1	1
Rotational speed (r/m)	8	8
Rotational force (kNm)	5,4	5,4
Tilt power (kNm)	29	29
Lubrication of the gear housing	Grease	Grease