

# X14

## Tiltrotator 10-14 tonnes

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### A tiltrotator for machines between 10 and 14 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.

## Measurement

<b>Type</b>	S45	Direct Fit
<b>Width (mm)</b>	618	618
<b>Length (mm)</b>	724	724
<b>Building height (mm)</b>	455	455
<b>Cylinder width (mm)</b>	685	685
<b>Weight from (kg)</b>	380	380
<b>Width with gripper (mm)</b>	636	636
<b>Length with gripper (mm)</b>	814	814
<b>Gripper reach (mm)</b>	508	508
<b>Weight with gripper from (kg)</b>	443	443

## Technical specification

<b>Type</b>	S45	Direct Fit
<b>Recommended machine weight (tonnes)</b>	10-14	140-14
<b>Top unit</b>	S45	Direct Fit
<b>Attachment coupler</b>	S45	S45
<b>Maximum tilt angle (degrees)</b>	45	45
<b>Necessary flow (litre/min)</b>	80-100	80-100
<b>Pressure (bar)</b>	210	210
<b>Hydraulic extras without grip</b>	2	2
<b>Hydraulic extras with grip</b>	1	1
<b>Rotational force (kNm)</b>	7,8	7,8
<b>Tilt power (kNm)</b>	41	41
<b>Lubrication of the gear housing</b>	Grease	Grease