

X20 S60

Tiltrotator 16-20 ton

A tiltrotator for machines in the middleweight class, between 16 and 20 tonnes

Steelwrist tiltrotator is designed to deliver the power and durability that is a must for larger excavators. 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 jobs.

Gear housing, bottom and top in solid cast steel, hardened shafts and piston rods, dual acting tilt cylinders. Control system, 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

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Type	S60/S60	Direct Fit/S60
Width (mm)	690	690
Length (mm)	816	872
Building height (mm)	508	562
Cylinder width (mm)	733	733
Weight from (kg)	445	473
Width of grip (mm)	717	717
Height with grapple (mm)	1003	1062
Gripper opening tolerance (mm)	820	820
Weight with grip from (kg)	560	588
Pin distance (cc-measure) (mm)		330-460
Width dipper arm (mm)		334
Shaft diameter dipper (mm)		60-80

Technical specification

Type	S60/S60	Direct Fit/S60
Recommended machine weight (tonnes)	16-20	16-20
Top unit	S60	Direct Fit
Attachment coupler	S60	S60
Maximum tilt angle (degrees)	45	45
Necessary flow (litre/min)	100-120	100-120
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)	8,8	8,8
Tilt power (kNm)	47	47
Lubrication of the gear housing	Grease	Grease