

X06 HS03

Tiltrotator 3-6 tonnes



A Steelwrist for the compact excavators

Steelwrist small tiltrotators are developed with a focus on flexibility, building height and low weight that is so important for compact excavators. With a Lehnhoff bottom the tiltrotator can be direct fitted or used with a sandwich Lehnhoff top.

With a steel casted structure, the weight can be reduced while strength is maximized. All you need to facilitate your work. Gear housing, bottom and top in solid cast steel, hardened shafts and piston rods, gripper cassette that can be retrofitted and and central lubrication as option. Delivered with control systems that fit your excavator regardless if you need a two of four hose solution.



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 three 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

Type	HS03/HS03	Direct Fit/HS03
Width (mm)	314	314
Length (mm)	519	580
Building height from (mm)	194	194
Cylinder width (mm)	456	487
Weight from (kg)	TBD	TBD
Width with gripper (mm)	459	459
Length with gripper (mm)	636	636
Gripper reach (mm)	425	425
Weight with gripper from (kg)	TBD	TBD

Technical specification

Type	HS03/HS03	Direct Fit/HS03
Recommended machine weight (tonnes)	4-6	4-6
Top unit	HS03	Direct Fit
Attachment coupler	HS03	HS03
Maximum tilt angle (degrees)	45	45
Necessary flow (litre/min)	25-50	25-50
Pressure (bar)	210	210
Hydraulic extras without grip	1	1
Hydraulic extras with grip	0	0
Rotational speed (r/m)	8	8
Rotational force (kNm)	4,9	4,9
Tilt power (kNm)	11	11
Lubrication of the gear housing	Grease	Grease