

SOIL STABILIZERS

STABI/H

Excellence in soil stabilization.

The STABI/H is FAE's soil stabilizer for the most demanding professionals. It operates up to 56 cm deep and works with 300-500 hp tractors. The STABI/H is designed to prepare ground for building roads, highways, railroads, parking lots, sports complexes, office parks, industrial plants, and other infrastructure. The exclusive variable geometry

chamber allows the rotor to penetrate the soil using the movable frame, which is hydraulically adjustable with extreme accuracy right from the tractor's cab. Compared to a traditional machine, there is less traction stress, which means a lower power demand and less fuel needed.



300-500 hp



Depth 56 cm max



Variable displacement chamber



Variable geometry chamber
for precise earthworking and to obtain an optimized mixture

Hydraulic rear hood with new anti-clogging system
for high productivity and lower fuel consumption



Solid mobile rotor
for stabilization with low power absorption

Cogged belt transmission with reduction gear assembly

Oil cooling system for gearbox
(STABI/H/HP)



Interchangeable internal Hardox® protections



MAIN OPTIONS



Wide range of special teeth, screwed on with plates in wear-resistant Widia®, which are interchangeable and suitable for a variety of applications



FCS system for optimal soil mixing and moisture management



Dozing blade with springs system



Hydraulic top link

STANDARD EQUIPMENT

Hydraulic rear Hood with anti-clogging system	Side gearbox with oil cooling system
Interchangeable inner antiwear plates in Hardox®	Gearbox with freewheel
Enclosed machine body	Gearbox with oil cooling system (STABI/H/HP)
Variable displacement chamber	PTO shaft
Inside lateral protection	Friction clutches
Bolted on protection chains	Bolted-on rotor shafts (in forged steel)
Poly-Chain® belts transmission	Adjustable skids
Transmission with side gearbox	Dozing blade

OPTIONS

Multiple tooth options	Water spray system WSS High Flow
Hydraulic top link	FCS full control system
Dozing blades with spring system	Anti clogging grid

MODEL	STABI/H-225	STABI/H-250	STABI/H/HP-225	STABI/H/HP-250
Tractor (hp)	300-400	300-400	350-500	350-500
PTO (rpm)	1000	1000	1000	1000
Working width (mm)	2293	2533	2293	2533
Total width (mm)	2664	2904	2664	2904
Weight (Kg)	7300	7450	7350	7500
Rotor diameter (mm)	1235	1235	1235	1235
Working depth (mm)(Max. 1 - Max. 2)	165-560	165-560	165-560	165-560
No. teeth type A/3+STC/3+STC/3/SS	64+4+8	72+4+8	64+4+8	72+4+8

Data refers to machine as standard. The technical data in this catalogue may be altered without prior notice.
Max. 1: with rotor only **Max. 2:** maximum depth (maximum working depth depending on ground conditions).

ROTOR TYPE A



TOOTH A/3
(standard)



TOOTH A/3/HD
(option)



TOOTH F/3
(option)



ADAPTOR F/3 WITH PICK R/44
(option)



TOOTH STC/3/SS
(side scraper)



TOOTH STC/3
(side scraper)