

## 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 grille

MODEL	STABI/H-225	STABI/H-250	STABI/H/HP-225	STABI/H/HP-250
<b>Tractor</b> (hp)	300-400	300-400	350-500	350-500
<b>PTO</b> (rpm)	1000	1000	1000	1000
<b>Working width</b> (mm)	2293	2533	2293	2533
<b>Total width</b> (mm)	2664	2904	2664	2904
<b>Weight</b> (Kg)	7300	7450	7350	7500
<b>Rotor diameter</b> (mm)	1235	1235	1235	1235
<b>Working depth</b> (mm)(Max. 1 - Max. 2)	165-560	165-560	165-560	165-560
<b>No. teeth</b> 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)