SOIL STABILIZERS

STABI/H

Excellence in soil stabilization.

The STABI/H is the FAE soil stabilizer for the most demanding professionals. It operates up to 22 in 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.

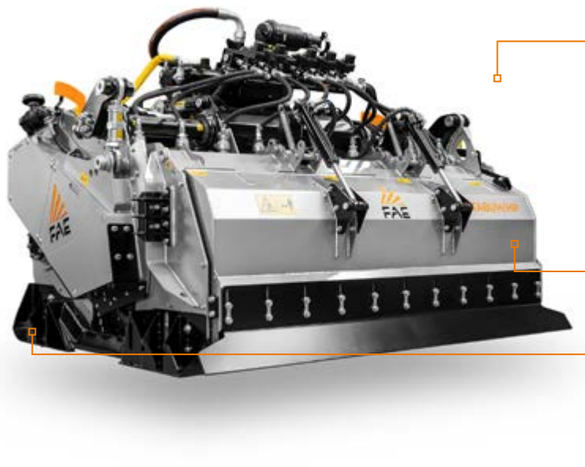
The exclusive variable geometry chamber allows the rotor to penetrate the soil using the movable frame, which is hydraulically adjustable with superior accuracy right from the tractor's cab. Compared to a traditional machine, there is less traction stress, which means a lower power demand and less fuel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

300-500 hp

Depth 22 in max

Variable displacement chamber





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

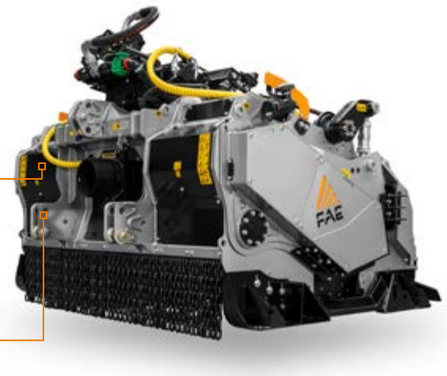
Hydraulic rear hood with new anti-clogging system
for high productivity and lower fuel consumption



Solid mobile rotor
for stabilization with low power absorption

Cogged belt transmission with reduction gear assembly

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





Protections internes et latérales en Hardox® interchangeables

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
to level and compact the crushed material, creating a uniform base



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
IIVT - CVT or creeper transmission mandatory	

MODEL	STABI/H-225	STABI/H-250	STABI/H/HP-225	STABI/H/HP-250
Engine (hp)	300-400	300-400	350-500	350-500
PTO (rpm)	1000	1000	1000	1000
Working width (in)	90	100	90	100
Total width (in)	105	114	105	114
Weight (lbs)	16094	16424	16204	16535
Rotor diameter (in)	48.6	48.6	48.6	48.6
Working depth (in) (Max.1-Max.2)	6-22	6-22	6-22	6-22
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)