



VERTI-KNIFE

00181



The Verti-Knife 1800 is a multi-functional tool that uses four sets of cutting discs on a rotating cartridge at variable spacing and depths. It is the ultimate root zone management tool for all surfaces and can work at depths from 0-6" at high working speeds.

The Verti-Knife has 5 basic functions and positions. Simple and quick adjustments fine-tune the Verti-Knife for the right function and working depth.

VERTI-KNIFE 1800

5 POSITIONS

Position 1: Surface Aeration

Working depth 0-1 1/2"
Disc diameter 8"
Disc thickness 1/8"
Number of Discs 18
Disc Spacing 4"

18 minidisks are ideally used when roots are shallow and when minimal surface disturbance is required.

Position 2: Intense Surface Aeration

Working depth 0-1 1/2"
Disc diameter 8"
Disc thickness 1/8"
Number of Discs 35
Disc Spacing 2"

35 minidisks can be adjusted for very intense aeration.

Position 3-R6: Deep Aeration

Working depth 1"-6"
Disc diameter 18"
Disc thickness 3/16"
Number of Discs 6
Disc Spacing 12"

6 minidisks can penetrate the soil up to 6".

Position 4: Fairway Surface Aeration-R17

Working depth 0-1 1/2"
Disc diameter 8"
Disc thickness 3/16"
Number of Discs 17
Disc Spacing 4"

17 minidisks are ideally used for hard soils.

Position 5: Rolling

For smoothly rolling the turf area.



WORKING SPECIFICATIONS

Working width	59" (1.5 m)
Working depth	0" - 6" (0 mm - 154 mm)
Weight	1,450 lbs (657.7 kg)
Tractor required	35 hp (26 kW), min lift cap - 1,850 lbs (839.1 kg)
Tractor speed	Ground driven to 8+ mph (12.8+ km/h)
Knife thickness	3/16" (4.7 mm)
Knife spacing	(position 1) 18 discs, 4" (101.6 mm) spacing (mini discs x 1) (position 2) 35 discs, 2" (50.8 mm) spacing (mini discs x 2) (position 3) 6 discs, 12" (304.8 mm) spacing (R6-standard discs) (position 4) 17 discs, 4" (101.6 mm) spacing (R17-fairway discs) (position 5) Convenient movement in storage
3-point connection	Cat 1 and 2
Standard Items	Rear roller, Easily adjustable depth control with side mounted single lever adjustment, Multiple disc cassette

FEATURES / BENEFITS

FEATURE	BENEFIT
Fewer moving parts	Low maintenance
Single lever adjustments	Ease of operation, adjust in the field without tools
Unlimited working speed	High productivity
Variable depth & spacing	Use 1 machine for all turf applications
Continuous slitting	Destroy thatch & black layer while improving drainage
4 blade settings	Can be used on fairways, greens, tees, and/or sportsturf
Cleaner operation	Little or no surface disruption, doesn't stop play



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