

Redexim



A E R A T I O N



V e r t i - D r a i n

7416

The Verti-Drain 7416 incorporates the technology of the second-generation Verti-Drain line with new and improved features which include a new angle adjustment up to 25 degrees. The 7416 has a working width of 64" (1.6m) and is lighter weight than the 7516, thus can be used with smaller tractors.

FEATURE	BENEFIT
Unique adjustable parallelogram forced heave	Shatters compaction in any ground conditions. Versatile with single-point adjustment for optimum results and hollow coring
3-speed gearbox	Matches your tractor's ground speed exactly to achieve desired hole spacing. Creep speed tractor gear not essential
Sealed bearings not bushings	Long maintenance free life
Simple tine design	Easy to change and cheap to replace

AERATION

Verti-Drain 7416



SPECIFICATIONS	DESCRIPTION
Working width	64" (1.60 m)
Working depth	Up to 14" (350 mm)
Tractor speed@500 rev's at PTO Spacing 2 1/2" (65 mm) Spacing 5" (130 mm) Spacing 7 1/2" (195mm)	- Up to 0.55 mph (0.85 km/h) Up to 1.10 mph (1.75 km/h) Up to 1.60 mph (2.60 km/h)
PTO speed: (max)	Up to 500 rpm
Weight	1,914 lbs (870 Kg)
Hole spacing side-to-side	5" (130 mm) @ 3/4" (18 mm) holes 2.5" (65 mm) @ 1/2" (12 mm) holes
Hole spacing in driving direction	1" - 7 1/2" (25 mm - 195 mm)
Recommended tractor size	35 HP with lift capacity of minimum 2,310 lbs (1,050 Kg)
Capacity (maximum) Spacing 2 1/2" (65 mm) Spacing 5" (130 mm) Spacing 7 1/2" (195mm)	- Up to 14,921 sq ft (1,387 sq m)/ hour Up to 29,841 sq ft (2,773 sq m)/ hour Up to 44,762 sq ft (4,160 sq m)/ hour
Maximum tine size	Solid 3/4" x 12" (18 mm x 300 mm) Hollow 1 1/4" x 12" (25 mm x 250 mm)
Three point linkage	3- point CAT 1
Standard items	Set solid tines to 3/4" x 12" (18mm x 300mm) with adaptors Front and rear roller 3- speed gearbox

Accessories

PART	DESCRIPTION	NOTES	QTY
211.741.002	Turf Hold Down Kit	Aligns with 12mm tineholder holes	1
211.741.004	Turf Hold Down Kit	Aligns with 2 4mm tineholder holes	1
211.751.010	Pencil Tine Block Kit	Holds eight 8mm shank tines per head	1 kit
9200080	Core Collector	Pulls core to end of pass	1
211.731.010	Window Kit	Funnels cores into a straight line behind machine	1

Tine Selections

The 7416 has 6 tine heads, each with four 12mm & two 24mm tine mounts, max. depth 14"

PART #	DESCRIPTION	DEPTH	TOTAL	ID	OD	WALL	CORE	MOUNT	QTY.
SOLID TINES									
311.112.200	1/2 x 8 #	8	10	na	12mm	na	na	12mm	24
311.118.200	3/4 8	8	10	na	18mm	na	na	18mm	12
9990019	1/2 x 14	14	15-1/2	na	12m	na	na	12mm	24
2381837	1/2 x 10 #	10	12-1/2	na	12mm	na	na	12mm	24
2381841	3/4 x 10	10	12-3/4	na	18mm	na	na	18mm	12B
2381838	1/2 x 12 #	12	14	na	12mm	na	na	12mm	24
2382638	3/4 x 12	12	14	na	18mm	na	na	18mm	12B
311.112.150	1/2 x 6	6	8	na	12mm	na	na	12mm	24
311.108.150	5/16 x 6	6	8	na	8mm	na	na	8mm	24M/48*
311.105.125	3/16 x 5	5	5-3/4	na	5mm	na	na	5mm	24N
9990056	5/16 x 7	7	9	na	8mm	na	na	8mm	24M/48*
9990059	5/16 x 10	10	11-1/2	na	8mm	na	na	8mm	24M/48*
CORING TINES									
311.210.080	3/8 x 3-1/4	3-1/4	4-1/4	5/1	3/8	.045	1/4	8mm	24M/48*
311.210.127	3/8 x 5	5	6	5/16	3/8	.047	1/4	8mm	24M/48*
9990022	5/8 x 7	7	8	1/2	5/8	.062	3/8	12mm	24
9990023	3/4 x 10	10	11-3/4	9/16	3/4	.094	7/16	18mm	12B
9990024	1 x 10	10	11-3/4	9/16	3/4	.094	7/16	18mm	12B
9990034	1-1/4 x 12	12	14-1/2	7/8	1-1/4	.156	3/4	24mm	12
9990040	3/4 x 10	10	11-1/2	9/16	3/4	.094	7/16	12mm	24
9990076	1 x 6	6	7	3/4	1	.125	5/8	12mm	24
999F003	13/16 x 6	6	7-3/8	9/16	13/16	.105	1/2	12mm	24
999F005	5/8 x 6	6	7	1/2	5/8	.062	3/8	12mm	24
999F007	5/8 x 6 fixed shank	6	7	1/2	5/8	.062	3/8	12mm	24
ADAPTORS									
314.208.043	M-8mm to 12mm	na	na	8mm	12mm	na	na	na	24
314.205.043	N-5mm to 12mm	na	na	5mm	12mm	na	na	na	24
2451800	B-3/4 to 1 #	na	na	18mm	24mm	na	na	na	12
311.812.120	X-1/2 Verti-Drill	na	na	1/2	na	na	na	12mm	24
311.819.120	Y-3/4 Verti-Drill	na	na	3/4	na	na	na	18mm	12
VERTI-DRILLS									
311.812.230	1/2 x 10 Drill	10	10.5	na	1/2	na	na	12mm	24x
311.819.230	3/4 x 10 Drill	10	10.5	na	3/4	na	na	18mm	12Y&B

