

AERWAY HAY AND PASTURE



SALFORD

40
YEARS
EST. 1978

AERWAY HAY & PASTURE

HAY & PASTURE
AERATION

OVER SEEDING

BENEFITS OF SOIL AERATION

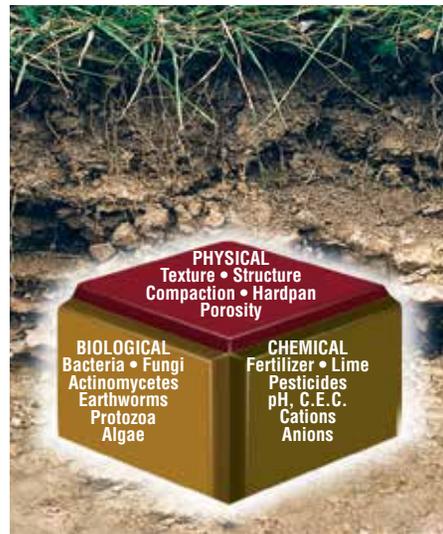


Tony Long – Rising Star, Texas
500 acres – Hay & Pasture

“ We first bought our AerWay to deal with compaction that comes with intense hay production. We could not be more pleased with the results. We have experienced higher yields due to decreased runoff and better absorption of valuable rainfall. With the high cost of fertilizer it is important to be efficient and AerWay has helped us do that. An added benefit we have found is that our fields are smoother and consequently we can travel at higher speeds saving valuable time and money. ”

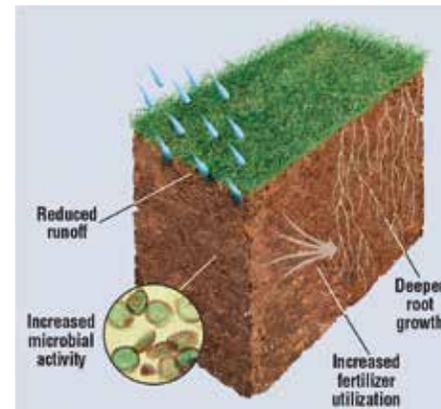
Revitalize Your Pastures With AerWay® Technology

Only patented AerWay® Shattertines lift and fracture tough soil to increase air and water movement. As the AerWay moves over the surface, the unique angles of the AerWay Shattertines crack and shatter compacted soil 8 inches and deeper to open new channels for air and water. Plants respond with stronger roots and better yields. Plus you will see improved fertilizer utilization, reduced runoff, and greater soil moisture retention. See for yourself why thousands of cattlemen and hay producers agree - there's nothing else like AerWay.



Soil Basics

Three systems - physical, biological and chemical - work together to make soil productive. Soil scientists agree that the physical condition of soil is the key to efficient biological and chemical activity, which in turn determines how much plant life the soil can support.



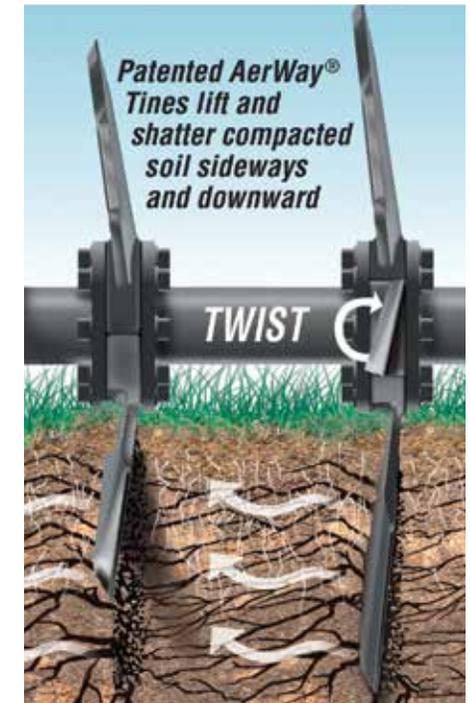
Soil Tillth: Why Compaction is a Producer's #1 Enemy

Soil tillth is a measurement of the balance between basic soil elements: air, mineral, water, and organic matter. The proper balance of these elements increase soil production by allowing efficient interaction of all the soil systems. Air and water balance in the soil is the key to good root growth.

Compaction stresses plants because air and water are “squeezed” from the soil. Biological and chemical activities which depend on air and water become severely restricted. Root growth is impaired, crop production suffers.

Mechanical Aeration with AerWay is the Answer

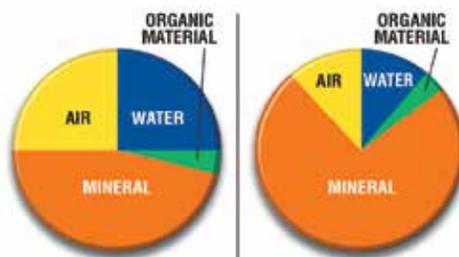
Since soil compaction is a physical problem, the best solution is mechanical aeration. The ideal type of aeration treatment is fast, efficient, cost effective, and easy to perform – just what you get with patented AerWay® Shattertine aeration.



AERWAY® GOES TO THE HEART OF THE PROBLEM BY RELIEVING COMPACTION

Air and Water Move Together

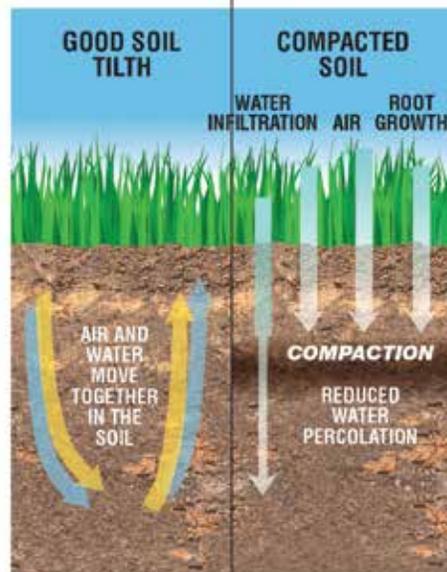
Correcting compaction makes a dramatic improvement in soil tilth. It is the most basic step you can take to improve crop production. That is because air and water move together in the soil profile. With proper air / water balance in the soil, all of the biological and chemical systems work at peak efficiency.



Compaction makes both wet and dry soil conditions more severe. It reduces the water holding capacity of soil which makes drought conditions worse, and inhibits drainage to make wet conditions more troublesome.

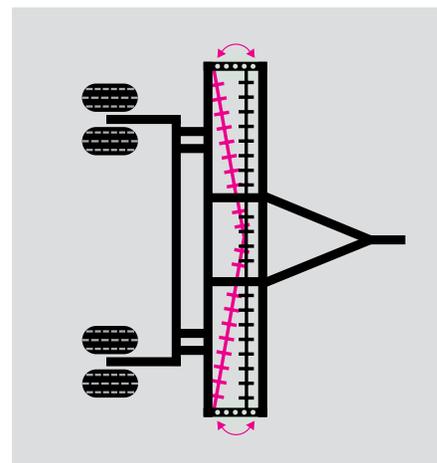
AerWay Tine Pattern Prevents Erosion

Unlike many other pasture aeration tools that have blades or shanks in a row the alternating position of the AerWay roller tines are arranged in an offset pattern. This unique tine arrangement ensures there is never a continuous furrow or groves in the soil that would channel water and cause erosion.



AerWay's® Quick Adjust Advantage

The patented AerWay® Quick Adjust rollers allow you to control the degree of aeration and renovation. For example the lesser swing angles are used for aeration and compaction relief and the more aggressive angle for renovation and overseeding.



0 Degree Roller Angle



5 Degree Roller Angle



10 Degree Roller Angle



AERWAY TOP DRESS SEEDER - AWATS

TOTAL PASTURE MANAGEMENT WITH ONE IMPLEMENT

The AerWay Topdress Seeder features a dedicated 10 ft. Quick Adjust Frame with an integral full width 10 bushel linear seed box. The seed box is driven by a 12 volt constant speed electric motor. The seeder will handle a wide variety of seeds as well as granular herbicides and insecticides.

Total Pasture Management with One Implement

AerWay's patented tines lift and shatter compacted soil. The quick adjust features allows you to easily vary the swing angle to achieve your desired seedbed. The seed box has a cam type meter for adjusting the opening for various seed types. The internal five blade rotor delivers the seed to the 20 drop tubes and bottom deflector plate. This ensures uniform seed distribution even on windy days. The optional finishing tool or harrow you select provides seed to soil contact.

Use All-Season

Because of its unique design when not being used as a seeder, the AWATS is used in pastures to relieve compaction or renovate old pastures after each hay cutting. Aeration allows increased water infiltration and plant simulations for greater growth.



Adjustable tine settings for aeration or renovation

TOPDRESS SEEDER SPECIFICATIONS AND OPTIONS



Maintenance-free 50mm (2 in.) Pillow Block Bearing



Clear Drop Tubes and Deflector Plate for seed dispersal



Seed Box Shut off Lever



Quick Adjust Swing Arms



AerWay's Aeration Topdress Seeder is shown with the optional carrier arms and chain harrow. The harrow provides better soil to seed contact thus improving conditions for successful germination.

Frame

- Main members 4 x 4 structural tubing.
- Weight tray 24.5 in. x 102 in. will accommodate up to five 750 lb. ballast blocks
- Sockets are provided on the rear of the frame to accommodate harrow carrier or tool bar arms

Rollers

- 3.00 in. Diameter rollers, tine spacing 7.50 in.
- Rollers operate on 50mm pillow block, permanently lubricated bearings
- For more aggressive cultivation the rollers can be adjusted from 0° to 10° in 2.50° increments

Wheel Kit

- Tongue, lift mechanism and wheels are supplied as standard equipment on the AWATS-100 AerWay
- Wheel & tire assemblies: 9.50 x 15 TL 8 ply mounted on 15 x 8 wheels – two supplied
- Tie rod cylinder 3.00 in. bore x 12 in. stroke supplied complete with mechanical lock out for parking the unit

Seed Box

- 10 ft. seed box has 20 drop tubes spaced 6 in. apart
- Deflector plate spaces the drop tube and spreads the seed in a uniform pattern
- 12 V constant speed electric drive supplied with tractor wiring harness
- Box capacity 13 ft³ (10 bushel) supplied with application rate charts

OPTIONAL EQUIPMENT

Chain Harrows

- AW-CH11-3, 11 ft. Chain Harrow Assembly

Harrow Carrier Arms

- AK-75742 Harrow Carrier Assembly, AWATS-10

Tool Bar

- AK-75743 Toolbar, 6 x 4 x 10 ft. AWATS-10

Hitch Kits

- AK-75782 Rear level ride Hitch Kit (Pull parallel to ground)
- AK-75041 Non level ride Hitch Kit (Tab Style)

AERWAY CLASSIC - AW

**VERSATILITY WITH
GREAT VALUE
RENOVATE PASTURES
VERY DEPENDABLE
BOOST YIELDS**



FEATURES AND SPECIFICATIONS



Solid Steel Shafts



Quick Adjust Swing Arms

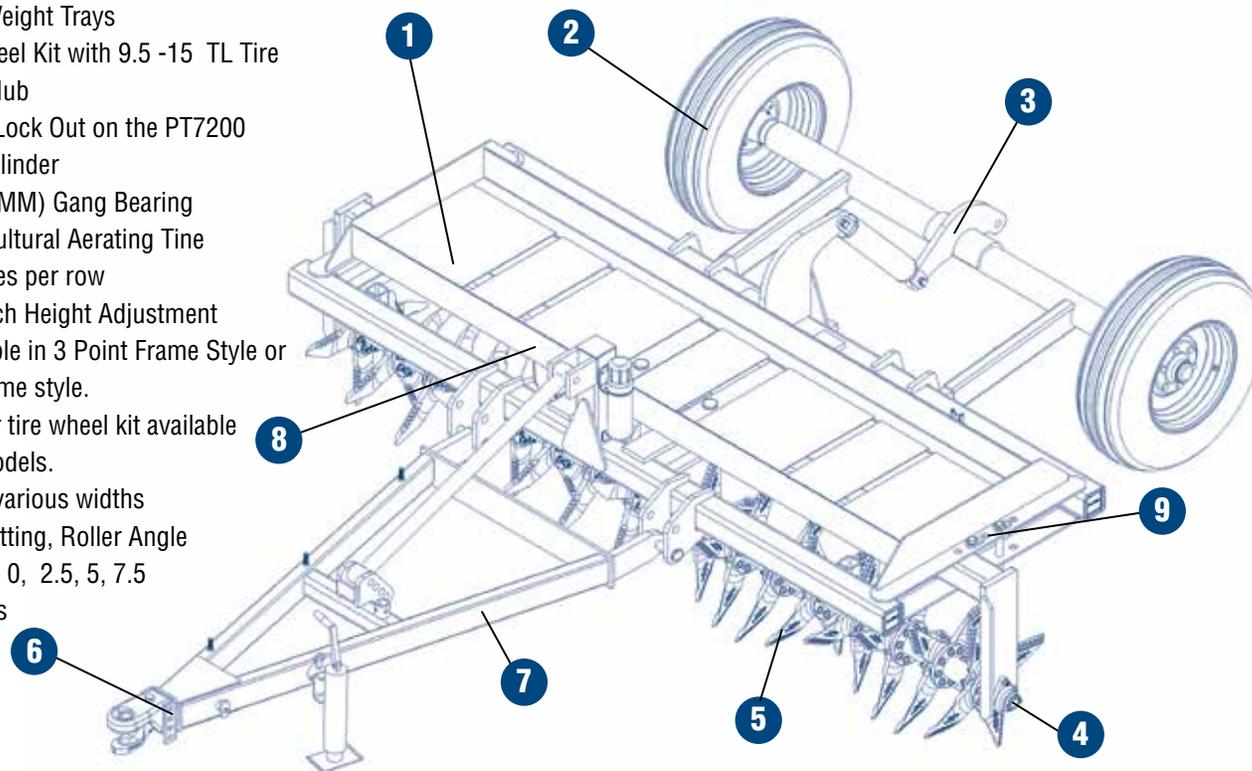


Heavy Duty Bearings



Optional Pull-type Wheel Kit

1. Integrated Weight Trays
2. Optional Wheel Kit with 9.5 -15 TL Tire with 6 Bolt Hub
3. Mechanical Lock Out on the PT7200 Wheel Kit Cylinder
4. 1 3/8 in. (35MM) Gang Bearing
5. 8.0 in. Agricultural Aerating Tine with four tines per row
6. Drawbar Hitch Height Adjustment
7. Available in 3 Point Frame Style or Pull-type frame style.
- 7a. Optional four tire wheel kit available for select models.
8. Available in various widths
9. Simple, 5 Setting, Roller Angle Adjustment. 0, 2.5, 5, 7.5 & 10 degrees



AW Series Specifications (Quick Adjust)					
Model Number	Cultivation Width	Travel Width	# of Tines	Weight	Horsepower Required
AW060Q	6 ft.	5 ft. 10 in.	32	1400 lbs	40-60
AW100Q	10 ft.	10 ft. 8 in.	64	2100 lbs	75-100
AW120Q	12 ft.	11 ft. 10 in.	72	2500 lbs	100-130
AW150Q	15 ft.	15 ft. 2 in.	96	3100 lbs	130-160

**HORSEPOWER REQUIREMENTS (6-10 HP/FT) MAY VARY DEPENDING ON FIELD CONDITIONS.*

AERWAY 8FT. PULL-TYPE - AW080H



The AerWay 8 ft. Pull-Type model is developed to maximize hay and pasture productivity by increasing air, fertilizer, and water movement into the soil profile. Patented AerWay Shattertines gently lift and shatter tough soils 8 in. and deeper to increase air and water movement.

Drawbar Attachment

- Can be used as a clevis on conventional drawbars or as a ring on tractors equipped with a clevis hitch.
- Can be bolted at alternate heights to accommodate various tractor drawbar heights and to maintain a level AerWay when operating in the field.

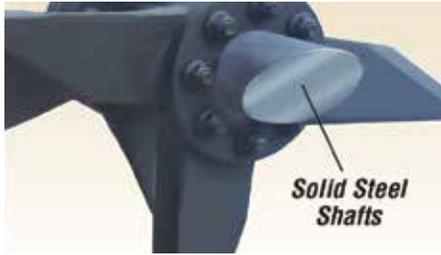
Frame

- Hollow structural steel, welded construction.
- Frame size 34 in. x 89.5 in..
- Four drop down jack legs.
- Weight tray with checker plate floor – 26 in. x 83.5 in..
- Unit overall width 96 in..

Rollers

- Two 41.50 in. rollers.
- Greaseable outboard bearing – two supplied per roller.
 - Rollers can be set at 2.5°, 5° or 7.5° of offset.
 - 7.5 in. tine spacing.
 - Cultivation width of 7 ft. 7 in..

FEATURES AND SPECIFICATIONS



Solid Steel Shafts



Adjustable tine settings for Aeration or Renovation

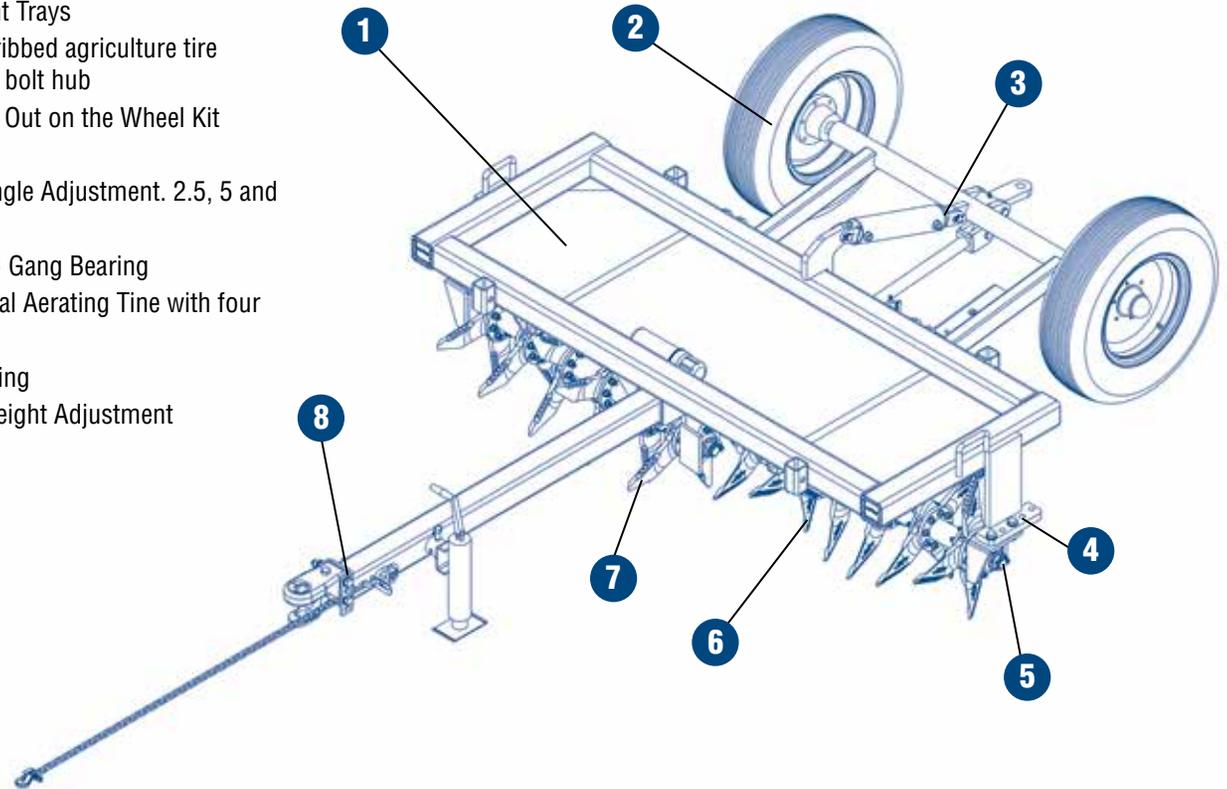


Heavy Duty Bearings



Standard Pull-type Wheel Kit

1. Integrated Weight Trays
2. 9.5 x 15 – 8 ply ribbed agriculture tire mounted to a six bolt hub
3. Mechanical Lock Out on the Wheel Kit Cylinder
4. Manual Roller Angle Adjustment. 2.5, 5 and 7.5 degrees
5. 1 3/8 in. (35MM) Gang Bearing
6. 8.0 in. Agricultural Aerating Tine with four tines per row
7. 7.5 in. Tine Spacing
8. Drawbar Hitch Height Adjustment



AW Series Specifications (8 ft. Pull-type)					
Model Number	Cultivation Width	Travel Width	# of Tines	Weight	Horsepower Required*
AW080H	7 ft.7 in.	8 ft.	48	1780 lbs	35-65

*HORSEPOWER REQUIREMENTS (6-10 HP/FT) MAY VARY DEPENDING ON FIELD CONDITIONS.

Hydraulics

- 3 in. bore x 12 in. stroke double acting cylinder with manual lockout

Lift Frame

- One piece welded construction
- Axle spindles with six bolt hubs

Wheels

- 9.5 x 15 – 8 ply ribbed agriculture tire mounted to a six bolt hub
- Quantity: Two supplied

Accessories

- Socket for SMV sign provided

Finish

- Unit is sandblasted and painted AerWay Yellow

Weight

- 1,780 lbs

C-FLEX - AWS STRAIGHT FRAME & AWF FOLDING FRAME

Rising input costs along with uncertain commodity prices are placing greater demands on today's farmers. AerWay® owners have told us that they get Versatility, Value & Savings, Dependability and Increased Yields from their AerWay System. AerWay not only meets your requirements – it exceeds them!

Extremely Versatile – The AerWay's Quick Adjust feature allows you to vary the roller swing angle between 0° and 10°. This enables you to "fine tune" your setting for aeration, renovation, overseeding or pre-working your fields, for better retention of fertilizer, liquid manure, rainfall or irrigation.

Great Value, Saves Resources – One implement that can do many jobs. The AerWay is used to get the maximum benefit out of your inputs, and helps to achieve a better root system that results in higher yields. Fewer field passes saves even more time and money when combining the tool with AerWay attachments such as harrows or seeders.

Use All-Season – Start your spring off right by using the AerWay to aerate, warm, and loosen soils. During the remainder of the season the AerWay can be used to relieve compaction or renovate after each hay cutting. The AerWay will also boost your rotational and intensive grazing program as the increased productivity will let you graze animals on fewer acres.

Very Dependable – Designed and built to withstand demanding field conditions and provide years of reliable service.

Increased Yields – AerWay users are getting top yields with lower input costs. Better quality grass or hay results in more weight gain and healthier animals.



FEATURES AND SPECIFICATIONS



Solid Steel Shafts



Quick Adjust Swing Arms

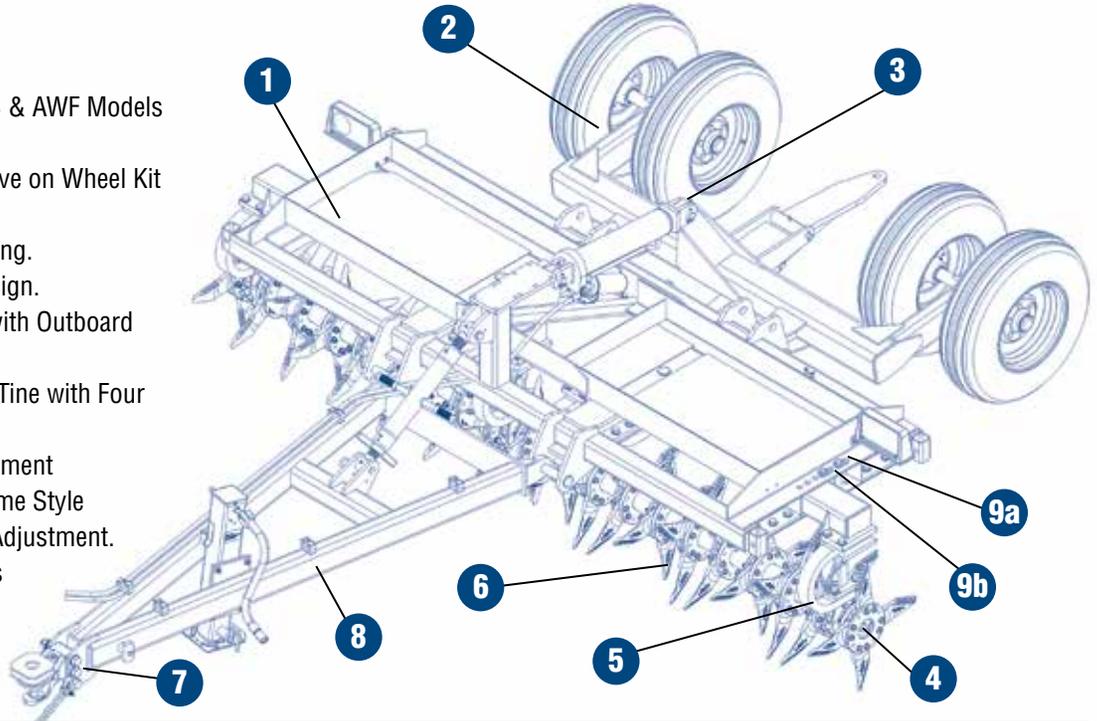


C-Flex Load Dampening System



Heavy Duty Maintenance Free Trunnion Bearings

1. Integrated Weight Trays
2. Optional Wheel Kits for AWS & AWF Models (call for more information)
3. Built in Counter Balance Valve on Wheel Kit Cylinders
4. 2 in. (50mm) Trunnion Bearing. Maintenance / Lube free Design.
5. C-Flex Obstacle Protection with Outboard Star Aerator Tines
6. 8.0 in. Agricultural Aerating Tine with Four Tines per Row
7. Drawbar Hitch Height Adjustment
8. Also Available in 3 Point Frame Style
- 9a. AWS - Simple Roller Angle Adjustment. 0, 2.5, 5, 7.5 and 10 degrees
- 9b. AWF - Simple Roller Angle Adjustment. 2.5, 5 and 7.5 degrees



AWS Series Specifications (Straight Frame / Quick Adjust)					
Model Number	Cultivation Width	Travel Width	# of Tines	Weight	Horsepower Required*
AWST125	12.5 ft.	12 ft. 2 in.	80	2515 lbs	75-125
AWST150 - 2 Rollers	15 ft.	14 ft. 8 in.	96	2800 lbs	90-150
AWST200	20 ft.	19 ft. 8 in.	128	4200 lbs	120-200

AWSS150 HAS FOUR SHORT ROLLERS • AWST150 HAS TWO LONG ROLLERS

AWF Series Specifications (Folding Frame / Quick Adjust)					
Model Number	Cultivation Width	Travel Width	# of Tines	Weight	Horsepower Required*
AWFT200	20 ft.	10 ft. 9 in.	128	5475 lbs	120-200
AWFT25N	25 ft.	10 ft. 9 in.	160	6300 lbs	150-250
AWFS300	30 ft.	15 ft. 9 in.	192	7475 lbs	180-300

**HORSEPOWER REQUIREMENTS (6-10 HP/FT) MAY VARY DEPENDING ON FIELD CONDITIONS.*

The AerWay family of AWM Models have been designed to satisfy the demands of farmers working smaller sized acreages. AerWay's adjustable roller settings allow the user to choose the degree of compaction relief, cultivation, aeration, and/or residue incorporation.

Frame – Three standard width configurations are available: 6.25 ft., 7.5 ft. and 10 ft. The frame of the AerWay is a structural steel weldment with integral weight trays. The AerWay is available as either a 3-Point (AWM3) or a Pull-type (AWMP) configuration.

Rollers – The rollers use four tines per row at 7.5 in. spacing. Each roller shaft is supported by two 50mm (2 in.) Pillow Block bearings.

Tillage – Rollers can be adjusted to 0°, 2.5° and 5° settings to vary the extent of aeration or cultivation.

AWMP Hydraulics – 3 in. bore x 12 in. stroke double acting cylinder with manual lockout.

AWMP Wheels – 9.5 in. X 15 in. – 8 ply ribbed agricultural tire mounted to six bolt hub. Quantity: Two supplied.

**COMPACTION RELIEF
SAVES RESOURCES
GREAT VALUE
DURABLE
CULTIVATE & AERATE**



FEATURES AND SPECIFICATIONS



Solid Steel Shafts

Solid Steel Shafts



50mm (2 in.) Pillow Block Bearing

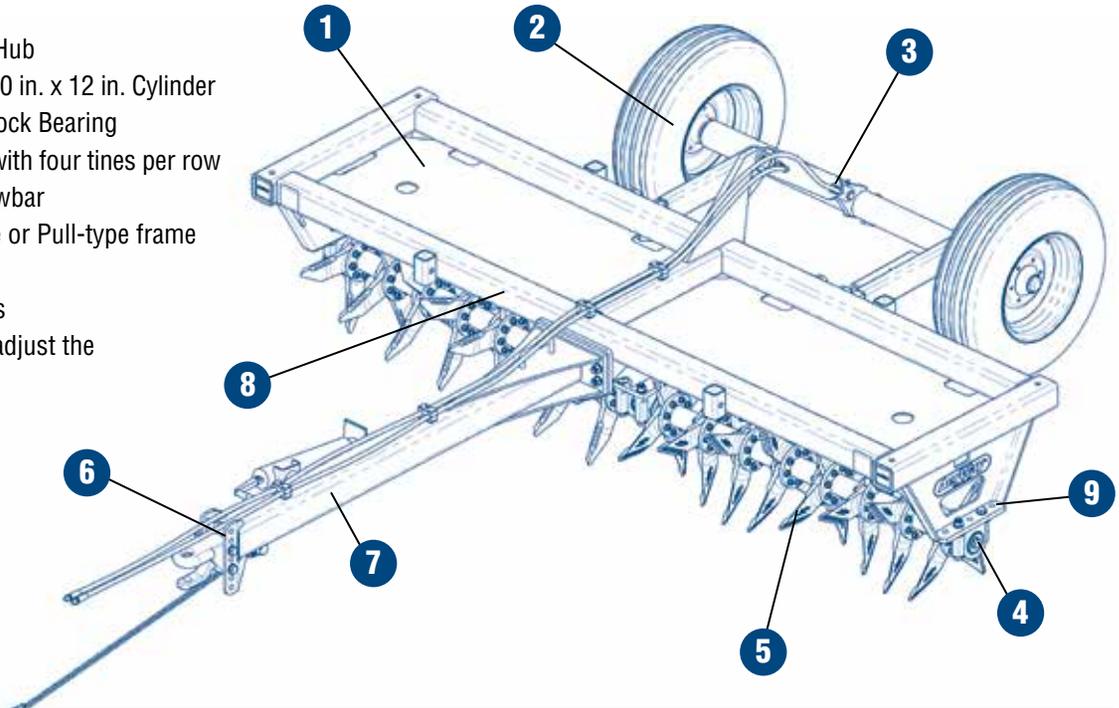


Centre Roller Support



Manual adjustment of the Roller

1. Integrated Weight Trays
2. 9.5 x 15 TL Wheel 6 Bolt Hub
3. Mechanical Lock Out on 3.0 in. x 12 in. Cylinder
4. 50mm or 2.0 in. Pillow Block Bearing
5. 8.0 in. Agricultural Tines, with four tines per row
6. Height Adjustment of Drawbar
7. Available in 3-Point Frame or Pull-type frame style
8. Available in various widths
9. Easy Access to manually adjust the roller work angle



AWM Series Specifications (Pull-type Models / Manual Adjust)

Model Number	Cultivation Width	Travel Width	# of Tines	Weight	Horsepower Required*
AWMP-063-AG-4	6.25 ft.	6.75 ft. (81 in.)	40	2000 lbs	38-63
AWMP-075-AG-4	7.5 ft.	8 ft. (96 in.)	48	2150 lbs	45-75
AWMP-100-AG-4	10 ft.	10.5 ft. (126 in.)	64	2450 lbs	60-100

AWM Series Specifications (Three Point Models / Manual Adjust)

Model Number	Cultivation Width	Travel Width	# of Tines	Weight	Horsepower Required*
AWM3-063-AG-4	6.25 ft.	6.75 ft. (81 in.)	40	1200 lbs	38-63
AWM3-075-AG-4	7.5 ft.	8 ft. (96 in.)	48	1350 lbs	45-75
AWM3-100-AG-4	10 ft.	10.5 ft. (126 in.)	64	1650 lbs	60-100

*HORSEPOWER REQUIREMENTS (6-10 HP/FT) MAY VARY DEPENDING ON FIELD CONDITIONS.

CHAIN HARROWS

***HEAVIEST HARROW IN
THE INDUSTRY
STRONGER HIP JOINTS
SUPERIOR PASTURE
RENOVATION
EXCELLENT SEED BED
PREPARATION***



AERWAY® CARRIER UNITS ARE DESIGNED TO BE PRACTICAL, DURABLE AND EASY TO USE.

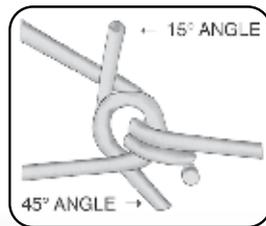
The unit base is 2 in. heavy square tubing mounted to the frame. The 6 foot carriers are easily removed by a single pin. When the AerWay is down, simply raise the rear of the harrow, secure on the rear hook. Then, lift the front bar of the harrow and secure with the chain. A three point hitch lift frame is also available.

The Harrow is ideal for:

- Horse and cattle farmers spreading manure.
- Preparing seed beds (can also be trailed behind disc).
- Covering seed (ideally suited for winter rye grass).
- Incorporating herbicides.
- Harrowing fertilizer on hay fields to get faster, more vigorous regrowth.
- Root raking, land leveling and landscaping with the addition of 3-point lift frame.

Teeth are provided on both sides

- 3-inch teeth are angled 45 degrees for better trash harrowing and lighter harrowing action on one side.
- 3-inch teeth are angled 15 degrees on the opposite side for more rigid harrowing action.
- The unique tooth arrangement of the harrow is self-cleaning under most conditions.



Pull-type Harrow Caddys
Swivel Pull-type Caddys are available in widths of 17 ft. wide to 26 ft. wide.



Drag Chain Harrows
5/8 in. diameter, Drag Harrows are available from 5 ft. wide to 26 ft. wide x 84 in. deep.

Chain Harrow Specifications

Model Number	Chain Harrow Width
AW-CH07-3	7 ft.
AW-CH09-3	9 ft.
AW-CH11-3	11 ft.
AW-CH13-3	13 ft.
AW-CH15-3	15 ft.
AW-CH17-3	17 ft.
AW-CH19-3	19 ft.
AW-CH22-3	22 ft.
AW-CH24-3	24 ft.
AW-CH26-3	26 ft.

SALFORD

INDEPENDENT SERIES

I-1100
I-1200
I-2100
I-2200
I-4100
I-4200

AERWAY

HAY &
PASTURE
TILLAGE
ORCHARD/
VINEYARD
TURF

TILLAGE

5200
ENFORCER
9200 IN-LINE
RIPPER
MOLDBOARD
PLOWS
CULTIVATORS
UNIVERSAL
HARROWS

BBI SPREADERS

MAGNASPREAD
PULL-TYPE
MAGNASPREAD
CHASSIS MOUNT
ENDURANCE
LIBERTY
GRASSHOPPER
CRICKET
TROOPER

VALMAR APPLICATORS

55/56 SERIES
FERTI-Go
1255 PULL-TYPE
245/246 PULL-TYPE
6700 CHASSIS
MOUNT
5500 PULL-TYPE
8600 PULL-TYPE
8700 PULL-TYPE
9620 PULL-TYPE

VALMAR APPLICATORS

455 FORAGE
PRESERVATIVE
APPLICATOR
ST-4, ST-6, ST-10
PATHFINDER CART

SEEDING

525 AIR DRILLS
AIR CARTS

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