

2012 Buyer's Guide

**All prices are effective
11/1/11**

**Richway Industries, Ltd.
Janesville, Iowa
USA**

VERSA TRAC™
Patent # 6,314,996

**BOOM
TRACKER™**

TRACRITE™
INTEGRATED
TECHNOLOGY

MiniTrac™
2000 Series

TurfTracker™

NOZZLE STOP™

Goodmark™

TurfMarker™

RICHWAY

Innovative Spraying Accessories Since 1973

(800) 553-2404
www.richway.com

2012 Foam Marker Price List

VERSA TRAC™

Patent # 6,314,996

Pump-mix models combine dynamic on-the-go foam injection. No more foam mixing. Water is supplied from the sprayer's fresh water tank.

Model #	Std Unit
VTD-2010	1700.00
VTO-2010	1550.00
VTD-2030	1790.00
VTN-2030	1645.00



Model VTD-2030

For Precision Farm and Commercial Spraying

12 to 15 GPM Foam Output, Unlimited Boom Length
Use with Field Speeds of up to 20 mph

**Highest Ever Foam Output, Spray All Day Foam Capacity
Integrated Foam Tank, Low Profile and Compact**

BOOM TRACKER™

Equip big boom and high speed sprayers with these high performance boom-mix models.



Model BTS-2250

8 to 10 GPM Foam Output, Unlimited Boom Length
Use with Field Speeds of up to 20 mph

Mild Steel, Powder Coated Units

BTD-Units:

Powder Coated, Mild Steel
Diaphragm air compressor

Model #	Std Unit
BTD-2060	1615.00
BTD-2100	1645.00
BTD-2130	1695.00
BTD-2250	1755.00
BTD-2400	1835.00

BTR-Units:

Powder Coated, Mild Steel
Rotary Vane air compressor

Model #	Std Unit
BTR-2060	2135.00
BTR-2100	2175.00
BTR-2130	2225.00
BTR-2250	2285.00
BTR-2400	2365.00

BTN-Units:

Powder Coated, Mild Steel
Onboard air

Model #	Std Unit
BTN-2060	1645.00
BTN-2100	1685.00
BTN-2130	1745.00
BTN-2250	1805.00
BTN-2400	1875.00

Stainless Steel Units

BDS-Units:

Stainless Steel
Diaphragm air compressor

Model #	SSteel
BDS-2060	1725.00
BDS-2100	1775.00
BDS-2130	1855.00
BDS-2250	1985.00
BDS-2400	2085.00

BRS-Units:

Stainless Steel
Rotary Vane air compressor

Model #	SSteel
BRS-2060	2265.00
BRS-2100	2305.00
BRS-2130	2395.00
BRS-2250	2525.00
BRS-2400	2685.00

BNS-Units:

Stainless Steel
Onboard air

Model #	SSteel
BNS-2060	1775.00
BNS-2100	1815.00
BNS-2130	1905.00
BNS-2250	2015.00
BNS-2400	2195.00



2012 Foam Marker Price List



The integrated power unit and tank boom-mix model are ideal for small to mid-size sprayers operating at speeds up to 12 mph.

8 GPM Foam Output, Mid-Sized Boom Length Use with Field Speeds of up to 12 mph



Model TRD-2170

Model #	Std Unit	Single Drop Units	
TRD-2040	1210.00	TRD-2040-SD	1035.00
TRD-2100	1230.00	TRD-2100-SD	1055.00
TRD-2170	1255.00	TRD-2170-SD	1085.00
TRD-2200	1295.00	TRD-2250-SD	1190.00
TRD-2250	1360.00		

Stainless Steel= call for pricing

TracRite models 2100, 2170, & 2250 are all configured for horizontal mounting. TracRite model 2200 is configured for vertical mounting.

TracMaster™

Our versatile center-mix models make a perfect choice for sprayers up to 60 ft. and single drop spreaders.

Due to the popularity and economics of the TracRite series, TracMaster units have been in less demand. Units & parts are still available. Call for unit pricing.

MiniTrac™ 2000 Series

An affordable, compact foam marker for pasture sprayers & ATV's. For boom lengths up to 45'.

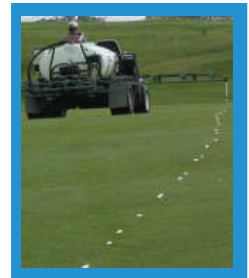
Includes redesigned mini collector heads



Model MTD-2020

MTD-Units:

Model #	Std Unit
MTD-2020	625.00
MTD-2020SD	520.00
MTD-2040	665.00
MTD-2040SD	560.00



Mini Trac™ units MTD-03, MTD-045, & MTD-06 have been discontinued. The Trac Rite™ units listed above offer a better value and performance thus eliminating the need for those units. Parts are still available for the older MiniTrac™ models.

Tank Descriptions:

- Tank Capacity:
- 2020 = 02 Gallon
- 2040 = 04 Gallon
- 2060 = 06 Gallon
- 2100 = 10 Gallon
- 2130 = 13 Gallon
- 2170 = 17 Gallon
- 2200 = 20 Gallon
- 2250 = 25 Gallon
- 2400 = 40 Gallon

Call Toll Free
(800) 553-2404
U.S. & Canada

Richway Industries

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2012 Turf Foam Marker Price List



4 models of economical foam markers designed for home and smaller turf applications. Units for both sprayers and spreaders. Push type and self-propelled units for up to 18' booms.



TT-1101

TTR-901 \$ 63.00

Single drop foam marker for spreaders & sprayers. Includes: single tank (60 oz), power unit, tubing, and all mounting components.

TTR-1101 \$ 63.00

Dual drop foam marker for spreaders or sprayers up to 36" wide. Includes: single tank (32 oz), power unit, tubing, and all mounting components.

TTR-3301 \$ 210.00

Turf care professional, spreader or sprayer up to 8' wide, speeds up to 6 mph, single tank (60 oz), single, heavy duty air pump power unit, remote switch control, 12 volt powered. Can be configured for single or dual drop.

TTR-4401 \$ 320.00

Turf care professional, spreader or sprayer up to 18' wide, speeds up to 6 mph, dual tanks (60 oz each), high output long life dual air pumps integrated with remote mounted switchbox, up to one hour run time, 12 volt powered.



1, 2 and 4 gallon foam markers designed for the turf professional. Dual drop units for sprayers up to 30' booms. Single drop units for broadcast spreaders. High output with flow control. 1 gallon unit can be configured as either a single or dual drop unit for sprayers up to 8'.



TF-2012



TF-2020

TF-2012 \$ 480.00

1 gallon unit, control switch for on/off, 8' battery cable, 8' quick switch cable, drop hose, mini collectors, and foam tubing. Run time 45 minutes to 1 hour.

TF-2020 \$ 625.00

2 gallon unit, Control switch for on/off and left/right foam switching, flow control valve, 8' battery cable, 12' quick disconnect power cable, 40' airline, 40' liquid line, foamheads, and brackets

TF-2020SD \$ 520.00

2 gallon single drop unit, Control switch for on/off foam switching, flow control valve, 8' battery cable, 12' quick disconnect power cable, 10' airline, 10' liquid line, foamhead, and brackets

TF-2040 \$ 665.00

4 gallon unit, Control switch for on/off and left/right foam switching, flow control valve, 8' battery cable, 12' quick disconnect power cable, 40' airline, 40' liquid line, foamheads, and brackets

TF-2040SD \$ 560.00

4 gallon single drop unit, Control switch for on/off foam switching, flow control valve, 8' battery cable, 12' quick disconnect power cable, 10' airline, 10' liquid line, foamhead, and brackets

Tank Descriptions:

Tank Capacity:
2012 = 01 Gallon
2020 = 02 Gallon
2040 = 04 Gallon



Richway Industries

504 N. Maple P.O. Box 508
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(800) 553-2404 Fax # (319) 987- 2251
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VERSA TRAC Foam Marker

**In Cab Control
Precise Metering & Mixing**



Model VTN-2010
1 Gallon Foam Concentrate Tank



Model VTD-2030
3 Gallon Foam Concentrate Tank

The GPS Companion

**Eliminates Foam
Mixing & Guessing**

**Adjust the foam mix
ratio and foam drop
frequency on the go,
providing real time
in-cab variability.**

**Utilize your rinse water
source and eliminate the
need for a large foam tank.**

**12 to 15 GPM
Foam Output**

**Unlimited
Boom Length**

**Use with Field
Speeds of
8-20 mph**

Innovative Spraying Accessories Since 1973

Operating Source: On-Board-Air (VTN) or Diaphragm Compressor (VTD)

Foam Delivery: Collector Deflectors™ and Foam Streamers™ standard

Tank Capacities: Integrated design for either 1 or 3 gallon foam concentrate tank

Standard With Versa Trac Models: In-cab control box with on/off and left/right foam switching and variable foam mix ratio and foam drop frequency, fully serviceable boom mounted foamhead and diaphragm valve assembly for nearly instant foam side switching.



www.richway.com P.O. Box 508, Janesville, Iowa 50647 USA
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Boom-Mix Foam Generation System

**BOOM
TRACKER™**



Model BTD-2250

Designed For Large Custom Application Machines

Nearly Instant Foam Side Switching

Convenient, In-Cab Control

Low Maintenance

Quality Components

For Big Booms and High Speed Spraying

Precision molded foamheads are highly versatile and fully serviceable.

8 to 10 GPM
Foam Output

Unlimited
Boom Length

Use with Field
Speeds of
8 - 20 mph

Innovative Spraying Accessories Since 1973

Operating Source: Diaphragm Compressor (BTD), Rotary Vane Compressor (BTR) or On-Board-Air (BTN)

Foam Delivery: Collector Deflectors™ and Foam Streamers™ standard on BTR and BTN Models, Collector Heads™ and Foam Streamers™ standard on BTD Models

Tank Capacities: 6, 10, 13, 25, 40 40 gallon tank available only in BTR and BTN models

Standard With All Boom Tracker Models: In-cab control box with on/off & left/right foam switching, fully serviceable boom mounted foamhead. BTR & BTN models have in-cab foam frequency adjustment. BTR model has boom mounted air actuated diaphragm valve for nearly instant foam side switching.

RICHWAY

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Integrated Technology System
TRACRITE™

INTEGRATED
TECHNOLOGY



Model TRD-2170

Economical Boom-Mix

Integrated 4,10, 17, 20 & 25
Gallon Tank and Power Unit

On/Off, Left/Right In-Cab Control

Single Drop Optional

Consistent Foam Output

Richway Quality

For small to mid-range
boom lengths

Innovative Foam Generation Technology at an Economical Price

Up to 8 GPM
Foam Output

Use with Field
Speeds up to
12 mph

Innovative Spraying Accessories Since 1973

Operating Source: 12 Volt DC diaphragm compressor with peristaltic liquid pump.

Tank Capacity: 4, 10, 17, 20, & 25 gallon poly tank with 4" easy fill cap opening.

Mounting: (4) 3/8" machine screw inserts molded into the tank bottom.

Foamheads: Richway's exclusive, fully serviceable boom mounted foamheads provide consistent foam quality and is easy to clean.

Foam Delivery: Collector Heads & Foam Streamers included with every unit.

Flow Control: Foam frequency adjustment valve mounted on the power unit.

Side Switching: In-cab control plate with on/off and left/right foam switching

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MiniTrac™ 2000 Series



Model MTD-2020

Economically Designed

Compact Design

Quality Components

Low Maintenance

Simple & Convenient

An affordable,
compact foam marker
for pasture sprayers
& ATV's

Available as dual and
single drop models.

Includes redesigned mini collector heads

Baseball Sized
Foam Drops

Outfits Booms
up to 45'

Use with Field
Speeds
up to 7 mph

Innovative Spraying Accessories Since 1973

Foam Delivery: Boom-end miniature Foamhead providing baseball sized foam drops

Tank Capacities: 2 & 4 gallon tanks integrated with power unit

Standard With Dual Drop Boom Mix Series Mini Trac Models: In-cab control switch for on/off and left/right foam switching, flow control valve, 8' battery cable, 12' quick disconnect power cable, 55' airline, 55' liquid line, miniature foamheads, and brackets

Standard With Single Drop Boom Mix Series Mini Trac Models: In-cab control switch for on/off foam switching, flow control valve, 8' battery cable, 12' quick disconnect power cable, 10' airline, 10' liquid line, miniature foamhead, and brackets



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Goodmark™

Foam Marking Concentrate

Goodmark foam concentrate is high in active ingredients for optimum hard water tolerance, high expansion, and maximum field life.



We first formulated agricultural foam marking concentrates back in 1975

We understand how foam mixing ratios, spraying conditions, and water quality can greatly affect field performance. That's why we offer only one foam concentrate. Goodmark - it's just that simple.

Field Proven!

Selecting the right foam concentrate is an important first step to dependable and reliable performance from any foam marker.

Goodmark performs well with any foam marker

No additional softening agents typically necessary.

Available by the gallon, case, drum or pallet.



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Toll Free (800) 553-2404 Fax (319) 987-2251
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NOZZLE STOP™



Molded Nylon for High Strength & Light Weight.

Easy On/Off
Hex Style Caps.

Air-operated Nozzle Shut-off Valves For Precision Chemical Application

Quick Acting

Positive

Non-Clogging

Resists Abrasion

NOZZLE STOP™ is a trademark of Richway Industries, Ltd. USA

Put an end to unsightly burned spots, streaks, and costly boom drain.

Control Options

Independent Boom Control

Standard kit includes cab control box with psi regulator, gauge, boom section, master control switches, quick relief valves (QRV's), airline, and fittings.

Fence Row Nozzles

For use as an independent fence row nozzle control or add to an existing system.

Spray Monitor Interface

Improve your monitor accuracy. Richway offers two types of interface systems.

- Electric interface so your monitor directly controls NOZZLE STOP valves without a separate in-cab console.
- Pressure switches signal the monitor to indicate which boom sections are active.

Variable Rate Application

Ideal for multiple spray tips at one outlet or independently controlled 30"- 60" spacing

Foam Marker Control Kit

Replace electric solenoid valves with non-corrosive NOZZLE STOP's for foam switching.

Innovative Spraying Accessories Since 1973



WARNING!

Chemical mist or liquid can cause permanent eye or lung damage or death. If leak is detected, shut-off the sprayer pump immediately. Check for sleeve failure. Read and follow safety precautions and procedures in NOZZLE STOP operation handbook before use.

Dependable Shut-Off

Today's profit minded custom applicators depend on NOZZLE STOP. One of the commercial ag industry's most reliable & low cost methods for controlling costly nozzle drip.

Approximate Flow Rates	Liquid PSI	10	15	20	30	40	60
	GPM	30/33	37/40	43/43	52/55	60/63	74/77

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Quickly and easily mounted on any planter

Richway Nozzle Stop pinch valves were introduced in 1985 and quickly became the preferred method for controlling nozzles on “floater” sprayers. Because they are high flow, economical, reliable, fast acting, and non-clogging, custom applicators recognized them as superior to other methods for controlling liquid fertilizer. These same reasons make this smaller Richway Nozzle Stop pinch valve ideal for controlling fertilizer on all types of planting equipment.

If you are using air clutches on your planter, the Richway Nozzle Stop valves are especially easy to install. Simply tee into the control air line for each clutch, attach the Nozzle Stop and MEV in a convenient spot, attach the fertilizer lines and you’re done. In as little as 10 minutes per row. Two sizes for in-furrow and 2x2 application. You can use them separately or together.

Richway Rate Controllers

Provides uniform fertilizer delivery every time. It’s a low cost method to maintain constant flow at each row, regardless of how many rows are shut off. Systems available for both in-furrow and banding application rates. Available with GPS Speed Compensation for more accurate fertilizer application.

One system works with 12 volt DC diaphragm pumps for in-furrow pop-up applications. The other uses a motorized by-pass valve for returning excess flow to the tank for banding and higher flow applications.



By-Pass Valve Rate Controller

And

12 volt Electric Pump Controller

Set the desired pressure from your cab. As rows are turned off, the system adjusts to maintain the selected pressure. This is an economical solution for rate control when paired with the fertilizer shut off valves for individual or section row shut offs.

Maximum air pressure 90 psi.

Larger sizes available; up to 2 inch.

Kits and components available in a variety of configurations.

Nozzle Stops are “fail open” so loss of air pressure or sleeve failure will result in fertilizer flow.

RICHWAY

Agricultural spraying accessories since 1973

Nozzle Stop is a trademark of Richway

Mini Exhaust Valve (MEV)

The mini exhaust valve is a key element in Nozzle Stop systems. It speeds the opening of the pinch valve and because of its unique design incorporating an internal check valve, helps to protect your air circuit in the event of a Nozzle Stop sleeve failure. One required for each valve. Shown with push-in fittings.



Electric Clutch Installations

With the electric power requirements of modern planters, there often is not enough power left to operate large electric solenoid valves required for the high flow rates of banding of starter fertilizer. By using the Richway “electric over air” solenoid valve, either 1/4” or 3/8” Nozzle Stop valves are controlled using the electric clutch signal to a small solenoid block. The Richway solenoid PWM control system eliminates high inrush current from firing all solenoids at one time. (Patent Pending) The solenoid tee’s into the wiring harness at the clutch using a Richway supplied adapter harness. The solenoid then controls a Nozzle Stop pinch valve with the seed clutch signal. A 70 psi air source is required, but is often already available. Richway offers a variety of valve sizes with the 1/4” commonly used for in-furrow, and 3/8” commonly used in banding applications.

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(800) 553-2404

Designed and built in the USA

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Form No. planterfert G08111RW

Planter Fertilizer Control Saves Expensive Fertilizer

Richway Nozzle Stop™ Pinch Valves

Turn off the fertilizer when you turn off the seed and save money by using Nozzle Stop™ valves on your planter

Prices

Complete Kits (per Row)

Air Clutch Equipped Planters

Pop-up (in-furrow) 1/4" Valves

Includes one valve with push-in fittings, one MEV, 1 in-line tee for splicing into airline and 4 feet 1/4" nylon tubing

NZPVK-02A \$85 per row

Banding (2x2 or dribble) 3/8" Valves

Includes one valve with threaded end caps and push-in actuation port fitting, one MEV, 1 in-line tee for splicing into airline and 4 feet 1/4" nylon tubing

NZPVK-03A \$95 per row

Combination pop-up and banding

Includes one each 1/4" & 3/8" valve, one MEV, 2 in-line tees for splicing into airline and 8 feet 1/4" nylon tubing

NZPVK-0203A \$130 per row

Electric Clutch Equipped Planters

Pop-up (in-furrow) 1/4" Valve Row Kit

NZPVK-02E-W (Weather Pack) \$195 per row

NZPVK-02E-D (Deustch)

Banding (2x2 or dribble) 3/8" Valve Row Kit

NZPVK-03E-W (Weather Pack) \$215 per row

NZPVK-02E-D (Deustch)

Combination pop-up and banding

Includes 1/4" and 3/8" Valves for dual products

NZPVK-0203E-W (Weather Pack) \$250 per row

NZPVK-0203E-D (Deustch)

Row Kits: Consists of Nozzle Stop valve, solenoid valve, wiring harness, check valve, 1/4" Tee and tubing. Must specify connectors reqd for seed clutch.

Rate Controllers

Computer Controlled By-Pass Valve System

For all pumps including ground driven piston pumps.

Provides constant flow rate at each row, even with some shut off. Uses by-pass valve to return material to tank.

NZPV-BPC-1 (No GPS) \$1320 NZPV-BPC-2 (W/ GPS) \$1620

12 volt DC Electric Pump Controller

Computer control of 12 volt DC pump up to 20 amps.

Provides constant flow rate at each row.

NZPV-12vdc-1 (NoGPS) \$1170 NZPV-12vdc-2 (W/GPS) \$1470

Parts

1/4" valve with push in ftgs	NZ-7066	\$40
1/4" valve with threaded fittings	NZ-6012	\$37
3/8" valve with threaded fittings	NZ-6056	\$49.50
3/8" vlv w/ thrded ends push-in actua	NZ-7103	\$53
1/4" replacement sleeve (EPDM)	NZ-6155	\$16.25
3/8" replacement sleeve (EPDM)	NZ-6158	\$20
QEV with push-in fittings & bracket	NZ-7081	\$39
MEV Twist Lock with push-in fittings	NZ-7120	\$27
Tubing 1/4" nylon per foot	NZ-0348	\$0.90
Fittings push-in tee (union)	NZ-0564	\$7.45
straight (tube x thd)	NZ-0632	\$3.95
elbow (tube x thd)	NZ-0395	\$5.60
Check Valve 1/4" push-to-connect	NZ-1998	\$14

Cables Call Factory

Other individual parts available



1/4" & 3/8" Valves



In-Cab Rate Control Display

Richway Industries, Ltd.

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Designed and built in the USA

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Prices effective 10-1-11 Subject to change without notice

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