



MICRO-TRAK[®]
SYSTEMS, INC.

RETAIL PRICE SHEET

Base Product Group

Effective: January 1, 2012

All prices and specifications are subject to change without notice.

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Speed, Area and Distance Monitors

01000	Calc-An-Acre II w/magnetic wheel sensor	356.00
01001	Calc-An-Acre II Customized (choose ground speed sensor below)	307.00

Speed Sensors:

01410	Astro II GPS Speed Sensor (1 Hz)	326.00
01425	Astro 5 GPS Speed Sensor (5 Hz)	439.00
01526	Vansco Radar Speed Sensor	805.00
01530	* Hall-effect Magnetic Wheel Speed Sensor Kit (6 magnets)	155.30
01533	* Hall-Effect Magnetic Drive Shaft Speed Sensor Kit	81.60
01553	* DSA for Vehicle Applications and Ford Speed Interface for 1999 through 2001	23.90
01554	* Hall-effect Proximity Speed Sensor Kit w/15' extension cable	244.40
14810	* Radar Adapter for In-Cab John Deere M/P 150 Connector	40.10
14811	* Radar Adapter for In-Cab John Deere M/P 150 Connector w/y-cable	49.17
14812	* Radar Adapter for DICKEY-john AMP Connector w/y-cable	93.15
14813	* Radar Adapter for DICKEY-john CANNON Connector w/y-cable	93.15
14814	* Radar Adapter for DICKEY-john DEUTSCH Connector w/y-cable	93.15
14815	* Radar Adapter for DICKEY-john PACKARD Connector w/y-cable	93.15
14816	* Radar Adapter for DICKEY-john FORD Connector w/y-cable	93.15
14817	* Radar Adapter for Raven CONXALL Connector w/y-cable	93.15
14818	* Radar Adapter for Magnavox & Phillips PACKARD Connector w/y-cable	93.15
14926	* Radar Adapter for Vansco Radar	49.17
17811	Radar Adapter for In-Cab John Deere 30 Series 7-Pin Amp	92.25
18041	Radar Adapter for In-Cab John Deere 1-Pin MP280	15.30

Sod Cutting Monitors / Controllers

01404	Sod-Pro II Customized (choose ground speed sensor below)	481.00
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Speed Sensors:

01410	Astro II GPS Speed Sensor (1 Hz)	326.00
01425	Astro 5 GPS Speed Sensor (5 Hz)	439.00
01526	Vansco Radar Speed Sensor	805.00
01530	* Hall-effect Magnetic Wheel Speed Sensor Kit (6 magnets)	155.30
01533	* Hall-Effect Magnetic Drive Shaft Speed Sensor Kit	81.60
01553	* DSA for Vehicle Applications and Ford Speed Interface for 1999 through 2001	23.90
01554	* Hall-effect Proximity Speed Sensor Kit w/15' extension cable	244.40
14810	* Radar Adapter for In-Cab John Deere M/P 150 Connector	40.10
14811	* Radar Adapter for In-Cab John Deere M/P 150 Connector w/y-cable	49.17
14812	* Radar Adapter for DICKEY-john AMP Connector w/y-cable	93.15
14813	* Radar Adapter for DICKEY-john CANNON Connector w/y-cable	93.15
14814	* Radar Adapter for DICKEY-john DEUTSCH Connector w/y-cable	93.15
14815	* Radar Adapter for DICKEY-john PACKARD Connector w/y-cable	93.15
14816	* Radar Adapter for DICKEY-john FORD Connector w/y-cable	93.15
14817	* Radar Adapter for Raven CONXALL Connector w/y-cable	93.15
14818	* Radar Adapter for Magnavox & Phillips PACKARD Connector w/y-cable	93.15
14926	* Radar Adapter for Vansco Radar	49.17
17811	Radar Adapter for In-Cab John Deere 30 Series 7-Pin Amp	92.25
18041	Radar Adapter for In-Cab John Deere 1-Pin MP280	15.30

* These items always receive complete goods discounts and do not count as a unit for volume discounts.

Shaft Monitors**Standard (45 RPM with 1 Magnet):**

01323	* Shaft-Trak w/0 sensor kits	407.00
01330	* Shaft-Trak w/1 sensor kit	454.00
01331	* Shaft-Trak w/2 sensor kits	522.00
01332	* Shaft-Trak w/3 sensor kits	549.00
01333	* Shaft-Trak w/4 sensor kits	595.00
01334	* Shaft-Trak w/5 sensor kits	643.00
01335	* Shaft-Trak w/6 sensor kits	690.00

Low RPM Version (5 RPM with 1 Magnet):

01463	* Shaft-Trak Low RPM w/0 sensor kits	407.00
01464	* Shaft-Trak Low RPM w/1 sensor kits	454.00
01465	* Shaft-Trak Low RPM w/2 sensor kits	522.00
01466	* Shaft-Trak Low RPM w/3 sensor kits	549.00
01467	* Shaft-Trak Low RPM w/4 sensor kits	595.00
01468	* Shaft-Trak Low RPM w/5 sensor kits	643.00
01469	* Shaft-Trak Low RPM w/6 sensor kits	690.00

Optional Bin Level Sensor:

01544	* Bin Level Sensor Kit	92.50
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Twin Pump Control System**Console Kit:**

01454	Twin Pump Controller Customized	1,289.00
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Harness Kits:

01711	1 Pump 25' Harness Kit	256.00
01712	1 Pump 45' Harness Kit	399.00
01709	2 Pump 25' Harness Kit	386.00
01710	2 Pump 45' Harness Kit	611.00

Speed Sensors:

01410	Astro II GPS Speed Sensor (1 Hz)	326.00
01425	Astro 5 GPS Speed Sensor (5 Hz)	439.00
01526	Vansco Radar Speed Sensor	805.00
01530	* Hall-effect Magnetic Wheel Speed Sensor Kit (6 magnets)	155.30
01533	* Hall-Effect Magnetic Drive Shaft Speed Sensor Kit	81.60
01553	* DSA for Vehicle Applications and Ford Speed Interface for 1999 through 2001	23.90
01554	* Hall-effect Proximity Speed Sensor Kit w/15' extension cable	244.40
14810	* Radar Adapter for In-Cab John Deere M/P 150 Connector	40.10
14811	* Radar Adapter for In-Cab John Deere M/P 150 Connector w/y-cable	49.17
14812	* Radar Adapter for DICKEY-john AMP Connector w/y-cable	93.15
14813	* Radar Adapter for DICKEY-john CANNON Connector w/y-cable	93.15
14814	* Radar Adapter for DICKEY-john DEUTSCH Connector w/y-cable	93.15
14815	* Radar Adapter for DICKEY-john PACKARD Connector w/y-cable	93.15
14816	* Radar Adapter for DICKEY-john FORD Connector w/y-cable	93.15
14817	* Radar Adapter for Raven CONXALL Connector w/y-cable	93.15
14818	* Radar Adapter for Magnavox & Phillips PACKARD Connector w/y-cable	93.15
14926	* Radar Adapter for Vansco Radar	49.17
17811	Radar Adapter for In-Cab John Deere 30 Series 7-Pin Amp	92.25
18041	Radar Adapter for In-Cab John Deere 1-Pin MP280	15.30

Flowmeter Kits:

01500	* FM500 Flowmeter Kit .5-5 GPM (2-19 lpm) 500 PSI (35 Bar) MAX	329.00
01501	* FM750 GFN Flowmeter Kit 2-40 GPM (6-150 lpm) 150 PSI (7 Bar) MAX	329.00
01504	* FM750 SS Flowmeter Kit 2-40 GPM (6-150 lpm) 500 PSI (35 Bar) MAX	679.00
01507	* FM750 SS Flowmeter Kit (w/ceramic) 2-40 GPM (6-150 lpm) 500 PSI (35 Bar) MAX	595.00
01650	* FM750 LF (Low Flow) GFN Flowmeter Kit .5-12 GPM (1.9-45lpm) 150 PSI (10 Bar) MAX	406.00

* These items always receive complete goods discounts and do not count as a unit for volume discounts.

Effective: 1/1/2012

Complete Goods**Retail****Manual Control System****10-Amp (Max) Manual Control System**

Kit includes console, 10' power cable w/fuse, 20' motor cable and installation hardware

01067	MC-10 Manual Controller Kit	204.00
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10-Amp (Max) Accessories

14728	MC-10 Pressure Gauge Bracket (NO pressure gauge)	27.25
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10-Amp (Max) Motor Extension Cables

11560	5' Extension Cable	33.57
11561	10' Extension Cable	38.62
11671	15' Extension Cable	40.84
11672	20' Extension Cable	41.70

25-Amp (Max) Manual Control System

Kit includes console, 10' power cable w/fuse, 20' motor cable and installation hardware

01068	MC-25 Manual Controller Kit	392.00
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25-Amp (Max) Accessories

14778	MC-25 Run/Hold Cable - 30'	39.18
14799	MC-25 Pressure Gauge Bracket (NO pressure gauge)	18.90

25-Amp (Max) Motor Extension Cables

17445	10' Extension Cable	50.99
17446	20' Extension Cable	64.87

25-Amp (Max) Motor y-Cable

17501	Motor Y-Cable	42.75
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MC-10 & MC-25 Replacement Parts

17985	MC-10 10' Power Cable w/fuse	36.57
17986	MC-10 20' Motor Cable	29.12
17444	MC-25 10' Power Cable w/fuse	49.55
17871	MC-25 20' Power Cable w/fuse	129.00
17447	MC-25 2-pin M/P 280 15' Motor Cable	43.54
17448	MC-25 2-pin M/P 280 20' Motor Cable	54.58
17449	MC-25 2-pin M/P 280 25' Motor Cable	65.65
17450	MC-25 2-pin M/P 280 30' Motor Cable	76.75

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Complete Goods**Retail****Sprayer Monitors**

01020	Flow-Trak II w/FM750 GFN flowmeter, magnetic wheel sensor	979.00
01170	Flow-Trak II w/FM750 GFN flowmeter - NO SPEED SENSOR	839.00

Customized Systems:

01021	Flow-Trak II Customized (choose ground speed sensor and flowmeter kit below)	503.00
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Speed Sensors:

01410	Astro II GPS Speed Sensor (1 Hz)	326.00
01425	Astro 5 GPS Speed Sensor (5 Hz)	439.00
01526	Vansco Radar Speed Sensor	805.00
01530	* Hall-effect Magnetic Wheel Speed Sensor Kit	155.30
01533	* Hall-Effect Magnetic Drive Shaft Speed Sensor Kit	81.60
01553	* DSA for Vehicle Applications and Ford Speed Interface for 1999 through 2001	23.90
01554	* Hall-effect Proximity Speed Sensor Kit w/15' extension cable	244.40
14810	* Radar Adapter for In-Cab John Deere M/P 150 Connector	40.10
14811	* Radar Adapter for In-Cab John Deere M/P 150 Connector w/y-cable	49.17
14812	* Radar Adapter for DICKEY-john AMP Connector w/y-cable	93.15
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14814	* Radar Adapter for DICKEY-john DEUTSCH Connector w/y-cable	93.15
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14816	* Radar Adapter for DICKEY-john FORD Connector w/y-cable	93.15
14817	* Radar Adapter for Raven CONXALL Connector w/y-cable	93.15
14818	* Radar Adapter for Magnavox & Phillips PACKARD Connector w/y-cable	93.15
14926	* Radar Adapter for Vansco Radar	49.17
17811	Radar Adapter for In-Cab John Deere 30 Series 7-Pin Amp	92.25
18041	Radar Adapter for In-Cab John Deere 1-Pin MP280	15.30

Flowmeter Kits:

01500	* FM500 Flowmeter Kit .5-5 GPM (2-19 lpm) 500 PSI (35 Bar) MAX	329.00
01501	* FM750 GFN Flowmeter Kit 2-40 GPM (6-150 lpm) 150 PSI (7 Bar) MAX	329.00
01504	* FM750 SS Flowmeter Kit 2-40 GPM (6-150 lpm) 500 PSI (35 Bar) MAX	679.00
01507	* FM750 SS Flowmeter Kit (w/ceramic) 2-40 GPM (6-150 lpm) 500 PSI (35 Bar) MAX	595.00
01650	* FM750 LF (Low Flow) GFN Flowmeter Kit .5-12 GPM (1.9-45lpm) 150 PSI (10 Bar) MAX	406.00
01505	* FM1000 SS Flowmeter Kit 3.5-70 GPM (13-265 lpm) 500 PSI (35 Bar) MAX	645.00
01515	* FM270 Flowmeter Kit 3.5-70 GPM (13-265 lpm) 175 PSI (13 Bar) MAX	541.00
01514	* FM10/100 Flowmeter Kit 10-100 GPM (40-400 lpm) 175 PSI (13 Bar) MAX	561.00
01506	* FM1500 SS Flowmeter Kit 10-130 GPM (40-500 lpm) 500 PSI (35 Bar) MAX	850.00
01519	* FM1500 SS LF(Low Flow) Flowmeter Kit 3.5-70 GPM (13-265lpm) 500 PSI (35 Bar) MAX	886.00
01511	* FM2000 P Flowmeter Kit 19-198 GPM (75-750 lpm) 285 PSI (20 Bar) MAX	981.00
01512	* FM3000 PSS Flowmeter Kit 40-396 GPM (150-1500 lpm) 855 PSI (60 Bar) MAX	1,604.00
01513	* FM3000 P Flowmeter Kit 40-396 GPM (150-1500 lpm) 855 PSI (60 Bar) MAX	1,285.00

FlowMate Monitors / Volume Counter

01740	FlowMate Flow Monitor w/FM750 Low Flow (LF) GFN	670.00
01741	FlowMate Flow Monitor w/FM750 GFN	630.00

Customized Systems:

01739	FlowMate Flow Monitor Customized (choose flowmeter kit below)	303.00
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Flowmeter Kits:

01500	* FM500 Flowmeter Kit .5-5 GPM (2-19 lpm) 500 PSI (35 Bar) MAX	329.00
01501	* FM750 GFN Flowmeter Kit 2-40 GPM (6-150 lpm) 150 PSI (7 Bar) MAX	329.00
01504	* FM750 SS Flowmeter Kit 2-40 GPM (6-150 lpm) 500 PSI (35 Bar) MAX	679.00
01507	* FM750 SS Flowmeter Kit (w/ceramic) 2-40 GPM (6-150 lpm) 500 PSI (35 Bar) MAX	595.00
01650	* FM750 LF (Low Flow) GFN Flowmeter Kit .5-12 GPM (1.9-45lpm) 150 PSI (10 Bar) MAX	406.00
01505	* FM1000 SS Flowmeter Kit 3.5-70 GPM (13-265 lpm) 500 PSI (35 Bar) MAX	645.00
01515	* FM270 Flowmeter Kit 3.5-70 GPM (13-265 lpm) 175 PSI (13 Bar) MAX	541.00
01514	* FM10/100 Flowmeter Kit 10-100 GPM (40-400 lpm) 175 PSI (13 Bar) MAX	561.00
01506	* FM1500 SS Flowmeter Kit 10-130 GPM (40-500 lpm) 500 PSI (35 Bar) MAX	850.00
01519	* FM1500 SS LF(Low Flow) Flowmeter Kit 3.5-70 GPM (13-265lpm) 500 PSI (35 Bar) MAX	886.00
01511	* FM2000 P Flowmeter Kit 19-198 GPM (75-750 lpm) 285 PSI (20 Bar) MAX	981.00
01512	* FM3000 PSS Flowmeter Kit 40-396 GPM (150-1500 lpm) 855 PSI (60 Bar) MAX	1,604.00
01513	* FM3000 P Flowmeter Kit 40-396 GPM (150-1500 lpm) 855 PSI (60 Bar) MAX	1,285.00

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Effective: 1/1/2012

Complete Goods

Retail

GPS Speed Sensors

Astro II GPS Speed Sensors (1 Hz):

01410	Astro II w/3-pin M-T Base I & II M/P	326.00
01411	Astro II w/3-pin MT-3000/5000 W/P	326.00
01412	Astro II w/2-pin Round M-T Old Style Calc-An-Acre, Flow-Trak, Speed-O-Meter	326.00
01413	Astro II w/4-pin DICKEY-john AMP	326.00
01414	Astro II w/4-pin DICKEY-john PACKARD	326.00
01415	Astro II w/3-pin Raven CONXALL	326.00
01416	Astro II w/4-pin Magnavox & Phillips PACKARD	326.00
01417	Astro II w/3-pin Spraying Systems #844 DEUTSCH	326.00
01419	Astro II w/3-pin Spraying Systems #855 DEUTSCH (round shell)	326.00
01420	Astro II w/3-pin Hiniker CANNON	357.00

Astro 5 GPS Speed Sensors (5 Hz):

01425	Astro 5 w/3-pin M-T Base I & II M/P	439.00
01426	Astro 5 w/3-pin MT-3000/5000 W/P	439.00
01427	Astro 5 w/2-pin Round M-T Old Style Calc-An-Acre, Flow-Trak, Speed-O-Meter	439.00
01428	Astro 5 w/4-pin DICKEY-john AMP	439.00
01429	Astro 5 w/4-pin DICKEY-john PACKARD	439.00
01430	Astro 5 w/3-pin Raven CONXALL	439.00
01431	Astro 5 w/4-pin Magnavox & Phillips PACKARD	439.00
01432	Astro 5 w/3-pin Spraying Systems #844 DUETSCH	425.00
01433	Astro 5 w/3-pin Spraying Systems #855 DUETSCH (round shell)	425.00
01435	Astro 5 w/3-pin Hiniker CANNON	469.00
01437	Astro 5 w/3-pin M-T Base I & II M/P w/DB 9	469.00

Astro Adapter Cables:

17338	3-pin M/P to MT-3000/5000 3-pin W/P Adapter Cable	49.71
17433	3-pin M/P to 4-pin AMP Adapter Cable	157.75
17536	3-pin W/P to 3-Pin M/P Adapter Cable	32.20

Complete Automatic Liquid Rate Controllers

≈ Compatible systems for VRA and as-applied maps.

‡ For use with Hardi Sprayers

SprayMate II Controllers:

01171	≈ SprayMate II w/FM750 GFN flowmeter, 1" servo valve - NO SPEED SENSOR	1,272.00
01340	≈ SprayMate II w/FM750 GFN flowmeter, 1" servo valve, magnetic wheel sensor	1,411.00

MT-2405 F II Controllers:

01224	≈ MT-2405 F II w/FM750 GFN flowmeter, 1" servo valve, magnetic wheel sensor	1,281.00
01262	‡ ≈ MT-2405 FTW II w/FM750 GFN flowmeter, 1" servo valve, magnetic wheel sensor	1,281.00

MT-3405/3407 F II Controllers:

01172	≈ MT-3405 F II w/FM750 GFN flowmeter, 1" servo valve - NO SPEED SENSOR	1,617.00
01240	≈ MT-3405 F II w/FM750 GFN flowmeter, 1" servo valve, magnetic wheel sensor	1,754.00
01255	‡ ≈ MT-3405 FTW II w/FM750 GFN flowmeter, 1" servo valve, magnetic wheel sensor	1,779.00
01149	≈ MT-3407 F II Complete w/FM750 GFN, 1" Servo - & Mag Speed	1,999.00
01154	≈ MT-3407 F II Complete w/FM750 GFN, 1" Servo - NO Speed	1,807.00

MT-3405 D Controller order information on page A-6.

MT-9000 Controller order information on page A-8 and A-11.

NH3 Controller order information on page A-9, A-10 and A-11.

GSC-1000 Controller order information on page A-12.

RoadMaster Controller order information on page A-13 and A-14.

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Effective: 1/1/2012

Customized Automatic Liquid Rate Controllers

Order from A, B, C, D, E, F and G to build custom systems.

≈ Compatible systems for VRA and as-applied maps.

‡ For use with Hardi Sprayers

A: Consoles w/main harness:

01341	≈ SprayMate II Customized (3 boom switches)	662.00
01226	≈ MT-2405 F II Customized (use with existing boom switches)	539.00
01261	‡ ≈ MT-2405 FTW II Customized (use with existing boom switches)	539.00
01264	≈ MT-3403 F II Customized (3 boom switches)	807.00
01241	≈ MT-3405 F II Customized (5 boom switches)	1,032.00
01254	‡ ≈ MT-3405 FTW II Customized (5 boom switches)	1,032.00
01583	≈ MT-3407 F II Customized (7 boom switches)	1,250.00

Controller Options

01619	Trak-Record II w/GPS Input (includes 128 meg Flash Drive)	552.00
01189	Wireless Remote Kit	415.00

Dual Channel Rate Controllers:

01185	≈ MT-3405 D Customized (5 boom switches)	1,783.00
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Channel 1 Options:

01132	NH3500 Kit 1000-6000 lbs. (454-2722 kg) NH3/hour	3,295.00
01133	Liquifier Kit up to 12000 lbs. (up to 5454 kg) NH3/hour	4,495.00
01625	NH3500 Kit 600-2800 lbs. (273-1273 kg) NH3/hour - Low Rate Kit	3,395.00
01664	Liquifier MAX Kit up to 21000 lbs. (up to 9545 kg) NH3/hour	9,995.00
01665	Liquifier MAX Kit up to 21000 lbs. (up to 9545 kg) NH3/hour - Multi-Section*	10,275.00

Channel 2 Options:

17165	* Channel 2 Local Speed Adapter Cable	89.00
17184	* Channel 2 Liquid Harness	260.35
17316	* Parallel Boom Harness Kit	793.30
01101	NH3500 Kit 1000-6000 lbs. (454-2722 kg) NH3/hour	3,395.00
01097	Liquifier Kit up to 12000 lbs. (up to 5454 kg) NH3/hour	4,495.00
01643	NH3500 Kit 600-2800 lbs. (273-1273 kg) NH3/hour - Low Rate Kit	3,395.00
01660	Liquifier MAX Kit up to 21000 lbs. (up to 9545 kg) NH3/hour	9,995.00

B: Speed Sensors:

01410	Astro II GPS Speed Sensor (1 Hz)	326.00
01425	Astro 5 GPS Speed Sensor (5 Hz)	439.00
01437	Astro 5 GPS Speed Sensor (5 Hz) w/DB 9	469.00
01526	Vansco Radar Speed Sensor	805.00
01531	* Hall-effect Magnetic Wheel Speed Sensor Kit (6 magnets)	155.30
01533	* Hall-Effect Magnetic Drive Shaft Speed Sensor Kit	81.60
01553	* DSA for Vehicle Applications and Ford Speed Interface for 1999 through 2001	23.90
01554	* Hall-effect Proximity Speed Sensor Kit w/15' extension cable	244.40
14810	* Radar Adapter for In-Cab John Deere M/P 150 Connector	40.10
14811	* Radar Adapter for In-Cab John Deere M/P 150 Connector w/y-cable	49.17
14812	* Radar Adapter for DICKEY-john AMP Connector w/y-cable	93.15
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14818	* Radar Adapter for Magnavox & Phillips PACKARD Connector w/y-cable	93.15
14926	* Radar Adapter for Vansco Radar	49.17
17811	Radar Adapter for In-Cab John Deere 30 Series 7-Pin Amp	92.25
18041	Radar Adapter for In-Cab John Deere 1-Pin MP280	15.30

Customized Automatic Liquid Rate Controller Pricing continued on next page.

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Effective: 1/1/2012

Customized Automatic Liquid Rate Controllers cont.**C: Flowmeter Kits:**

01500	* FM500 Flowmeter Kit .5-5 GPM (2-19 lpm) 500 PSI (35 Bar) MAX	329.00
01501	* FM750 GFN Flowmeter Kit 2-40 GPM (6-150 lpm) 150 PSI (7 Bar) MAX	329.00
01504	* FM750 SS Flowmeter Kit 2-40 GPM (6-150 lpm) 500 PSI (35 Bar) MAX	679.00
01507	* FM750 SS Flowmeter Kit (w/ceramic) 2-40 GPM (6-150 lpm) 500 PSI (35 Bar) MAX	595.00
01650	* FM750 LF (Low Flow) GFN Flowmeter Kit .5-12 GPM (1.9-45lpm) 150 PSI (10 Bar) MAX	406.00
01505	* FM1000 SS Flowmeter Kit 3.5-70 GPM (13-265 lpm) 500 PSI (35 Bar) MAX	645.00
01515	* FM270 Flowmeter Kit 3.5-70 GPM (13-265 lpm) 175 PSI (13 Bar) MAX	541.00
01514	* FM10/100 Flowmeter Kit 10-100 GPM (40-400 lpm) 175 PSI (13 Bar) MAX	561.00
01506	* FM1500 SS Flowmeter Kit 10-130 GPM (40-500 lpm) 500 PSI (35 Bar) MAX	850.00
01519	* FM1500 SS LF (Low Flow) Flowmeter Kit 3.5-70 GPM (13-265lpm) 500 PSI (35 Bar) MAX	886.00
01511	* FM2000 P Flowmeter Kit 19-198 GPM (75-750 lpm) 285 PSI (20 Bar) MAX	981.00
01512	* FM3000 PSS Flowmeter Kit 40-396 GPM (150-1500 lpm) 855 PSI (60 Bar) MAX	1,604.00
01513	* FM3000 P Flowmeter Kit 40-396 GPM (150-1500 lpm) 855 PSI (60 Bar) MAX	1,285.00

D: Flow Control (servo) Valve Kits:

00745	* 3/4" M-T Servo Valve Kit 150 PSI (10 Bar) MAX	262.00
00746	* 3/4" High Pressure M-T Servo Valve Kit 300 PSI (21 Bar) MAX	308.00
14928	* 1" Servo Valve Model 2005 150 PSI (10 Bar) MAX	269.00
14957	* 1" High Pressure Servo Valve Model 2005 300 PSI (21 Bar) MAX	315.00
17088	* 1" Servo Valve Model 2005 (aqueous ammonia) 150 PSI (10 Bar) MAX	269.00
17380	* Control (servo) Valve Amplifier Module	169.00
01564	* Flanged Servo Valve Kit (1" butterfly, 1.5" threads) 150 PSI (10 Bar) MAX	380.00
01565	* Flanged Servo Valve Kit (1.5" butterfly, 1.5" threads) 150 PSI (10 Bar) MAX	380.00
01566	* Flanged Servo Valve Kit (aqueous ammonia) (1" butterfly, 1.5" threads) 150 PSI (10 Bar) MAX	380.00
01567	* Flanged Servo Valve Kit (aqueous ammonia) (1.5" butterfly, 1.5" threads) 150 PSI (10 Bar) MAX	380.00

E: Electric Motor Driver Kits:

18008	* 10-Amp Standard Electric Motor Driver Kit	342.00
18108	* 10-Amp PWM Electric Motor Driver Kit	342.00
01757	* 40-Amp Standard Electric Motor Driver Kit	512.00
01758	* 40-Amp PWM Electric Motor Driver Kit	512.00
18110	* 70-Amp PWM Electric Motor Driver Kit	923.00

F: Hydraulic Flow Control (servo) Valve Kits:

17247	* 1 GPM Hydraulic Control Valve 1.0 sec. valve 3000 PSI (206 Bar) MAX	875.00
17253	* 5 GPM Hydraulic Control Valve 1.0 sec. valve 3000 PSI (206 Bar) MAX	875.00
13859	* 5 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	875.00
17564	* 10 GPM Hydraulic Control Valve 1.0 sec. valve 3000 PSI (206 Bar) MAX	875.00
14885	* 10 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	875.00
13857	* 15 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	875.00
13860	* 20 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	988.00
13858	* 35 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	988.00
17160	* Optional Adjustable Pressure Relief	155.00

G: Hydraulic Motor / Shutoff Valve Assemblies:

17576	* 4.9 CID Hydraulic Motor/Shutoff Valve Assembly (no sprockets)	1,480.00
17356	* 9.6 CID Hydraulic Motor/shutoff Valve Assembly (no sprockets)	1,580.00

* These items always receive complete goods discounts and do not count as a unit for volume discounts.

Effective: 1/1/2012

MT-9000 Customized Automatic Liquid Rate Controllers

Order from A, B, C, D, E, F, G and H to build custom systems.

≈ Compatible systems for VRA and as-applied maps.

‡ For use with Hardi Sprayers

A: Consoles w/main harness:

01091	≈ MT-9000 Customized (6 boom switches)	1,338.00
01081	‡ ≈ MT-9000 FTW Customized (6 boom switches)	1,338.00

MT-9000 Options:

01619	* Trak-Record II w/GPS Input (includes 128 meg Flash Drive)	552.00
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B: Speed Sensors

01410	Astro II GPS Speed Sensor (1 Hz)	326.00
01425	Astro 5 GPS Speed Sensor (5 Hz)	439.00
01550	* DSA for Vehicle Applications	151.60
01527	Vansco Radar Speed Sensor	805.00
01531	* Hall-effect Magnetic Wheel Speed Sensor Kit (6 magnets)	155.30
01532	* Hall-Effect Magnetic Speed Sensor Kit (2 magnets) (SOM-97-LR)	81.60
01554	* Hall-effect Proximity Speed Sensor Kit w/15' extension cable	244.40
14019	* Radar Interface for Vansco Radar	76.00
14214	* Radar Interface for In-Cab John Deere M/P 150 Connector	76.00
14215	* Radar Interface for DICKEY-john AMP Connector	117.00
14216	* Radar Interface for DICKEY-john CANNON Connector	117.00
14217	* Radar Interface for DICKEY-john DEUTSCH Connector	117.00
14218	* Radar Interface for DICKEY-john FORD Connector	117.00
14219	* Radar Interface for DICKEY-john PACKARD Connector	117.00
14220	* Radar Interface for Magnavox & Phillips PACKARD Connector	117.00
14221	* Radar Interface for Raven CONXALL Connector	117.00
14222	* Radar Interface for In-Cab John Deere M/P 150 Connector w/y-cable	117.00
17880	* Radar Interface for In-Cab John Deere 30 Series 7-pin Amp for LR products	117.17

C: Flowmeter Kits:

01500	* FM500 Flowmeter Kit .5-5 GPM (2-19 lpm) 500 PSI (35 Bar) MAX	329.00
01501	* FM750 GFN Flowmeter Kit 2-40 GPM (6-150 lpm) 150 PSI (7 Bar) MAX	329.00
01504	* FM750 SS Flowmeter Kit 2-40 GPM (6-150 lpm) 500 PSI (35 Bar) MAX	679.00
01507	* FM750 SS Flowmeter Kit (w/ceramic) 2-40 GPM (6-150 lpm) 500 PSI (35 Bar) MAX	595.00
01650	* FM750 LF (Low Flow) GFN Flowmeter Kit .5-12 GPM (1.9-45lpm) 150 PSI (10 Bar) MAX	406.00
01505	* FM1000 SS Flowmeter Kit 3.5-70 GPM (13-265 lpm) 500 PSI (35 Bar) MAX	645.00
01515	* FM270 Flowmeter Kit 3.5-70 GPM (13-265 lpm) 175 PSI (13 Bar) MAX	541.00
01514	* FM10/100 Flowmeter Kit 10-100 GPM (40-400 lpm) 175 PSI (13 Bar) MAX	561.00
01506	* FM1500 SS Flowmeter Kit 10-130 GPM (40-500 lpm) 500 PSI (35 Bar) MAX	850.00
01519	* FM1500 SS LF (Low Flow) Flowmeter Kit 3.5-70 GPM (13-265lpm) 500 PSI (35 Bar) MAX	886.00
01511	* FM2000 P Flowmeter Kit 19-198 GPM (75-750 lpm) 285 PSI (20 Bar) MAX	981.00
01512	* FM3000 PSS Flowmeter Kit 40-396 GPM (150-1500 lpm) 855 PSI (60 Bar) MAX	1,604.00
01513	* FM3000 P Flowmeter Kit 40-396 GPM (150-1500 lpm) 855 PSI (60 Bar) MAX	1,285.00

D: Flow Control (servo) Valve Kits:

00745	* 3/4" M-T Servo Valve Kit 150 PSI (10 Bar) MAX	262.00
00746	* 3/4" High Pressure M-T Servo Valve Kit 300 PSI (21 Bar) MAX	308.00
14928	* 1" Servo Valve Model 2005 150 PSI (10 Bar) MAX	269.00
14957	* 1" High Pressure Servo Valve Model 2005 300 PSI (21 Bar) MAX	315.00
17088	* 1" Servo Valve Model 2005 (aqueous ammonia) 150 PSI (10 Bar) MAX	269.00
17380	* Control (servo) Valve Amplifier Module	169.00
01564	* Flanged Servo Valve Kit (1" butterfly, 1.5" threads) 150 PSI (10 Bar) MAX	380.00
01565	* Flanged Servo Valve Kit (1.5" butterfly, 1.5" threads) 150 PSI (10 Bar) MAX	380.00
01566	* Flanged Servo Valve Kit (aqueous ammonia) (1" butterfly, 1.5" threads) 150 PSI (10 Bar) MAX	380.00
01567	* Flanged Servo Valve Kit (aqueous ammonia) (1.5" butterfly, 1.5" threads) 150 PSI (10 Bar) MAX	380.00

MT-9000 Customized Automatic Liquid Rate Controller Pricing continued on next page.

* These items always receive complete goods discounts and do not count as a unit for volume discounts.

MT-9000 Customized Automatic Liquid Rate Controllers cont.**E: Electric Motor Driver Kits:**

18008	* 10-Amp Standard Electric Motor Driver Kit	342.00
18108	* 10-Amp PWM Electric Motor Driver Kit	342.00
17873	* 40-Amp Standard Electric Motor Driver Kit	512.00
18010	* 40-Amp PWM Electric Motor Driver Kit	512.00
18110	* 70-Amp PWM Electric Motor Driver Kit	923.00

F: Hydraulic Flow Control (servo) Valve Kits:

17247	* 1 GPM Hydraulic Control Valve 1.0 sec. valve 3000 PSI (206 Bar) MAX	875.00
17253	* 5 GPM Hydraulic Control Valve 1.0 sec. valve 3000 PSI (206 Bar) MAX	875.00
13859	* 5 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	875.00
17564	* 10 GPM Hydraulic Control Valve 1.0 sec. valve 3000 PSI (206 Bar) MAX	875.00
14885	* 10 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	875.00
13857	* 15 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	875.00
13860	* 20 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	988.00
13858	* 35 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	988.00
17160	* Optional Adjustable Pressure Relief	155.00

G: Pressure Sensor Kits:

01555	* Pressure Sensor Kit - Liquid and NH3 250 PSI (17 Bar) MAX (MT-9000 <u>ONLY</u>)	472.00
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H: Hydraulic Motor / Shutoff Valve Assemblies:

17576	* 4.9 CID Hydraulic Motor/Shutoff Valve Assembly (no sprockets)	1,480.00
17356	* 9.6 CID Hydraulic Motor/shutoff Valve Assembly (no sprockets)	1,580.00

Complete Automatic NH3 Rate Controllers

Includes console, main harness, wheel speed sensor, NH3 plumbing control panel, hardware and instructions.

≈ Compatible systems for VRA and as-applied maps.

01138	≈ MT-NH3 II w/NH3500 Kit 1000-6000 lbs. (454-2722 kg) NH3/hour	4,095.00
01137	≈ MT-NH3 II w/Liquifier Kit up to 12000 lbs. (up to 5454 kg) NH3/hour	5,295.00
01343	≈ SprayMate II w/NH3500 Kit 1000-6000 lbs. (454-2722 kg) NH3/hour	4,095.00
01344	≈ SprayMate II w/Liquifier Kit up to 12000 lbs. (up to 5454 kg) NH3/hour	5,295.00
01227	≈ MT-2405 F II w/NH3500 Kit 1000-6000 lbs. (454-2722 kg) NH3/hour	4,195.00
01238	≈ MT-2405 F II w/Liquifier Kit up to 12000 lbs. (up to 5454 kg) NH3/hour	5,395.00
01242	≈ MT-3405 F II w/NH3500 Kit 1000-6000 lbs. (454-2722 kg) NH3/hour	4,295.00
01246	≈ MT-3405 F II w/Liquifier Kit up to 12000 lbs. (up to 5454 kg) NH3/hour	5,595.00
01063	≈ MT-9000 w/NH3500 Kit 1000-6000 lbs. (454-2722 kg) NH3/hour	4,595.00
01066	≈ MT-9000 w/Liquifier Kit up to 12000 lbs. (up to 5454 kg) NH3/hour	5,795.00

*** NOTE: For P/N's 01580, 01581, 01582 and 01585 Shut-off Valves NOT Included**

* These items always receive complete goods discounts and do not count as a unit for volume discounts.

Effective: 1/1/2012

Customized Automatic NH3 Rate Controllers

Order from A, B, and C to build custom systems.

To add NH3 control to an existing M-T controller order from B and C.

≈ Compatible systems for VRA and as-applied maps.

A: Console Kit:

01144	≈ MT-NH3 II Customized for NH3	728.00
01342	≈ SprayMate II Customized for NH3	674.00
01229	≈ MT-2405 F II Customized for NH3	590.00
01244	≈ MT-3405 F II Customized for NH3	838.00

Controller Options

01619	Trak-Record II w/GPS Input (includes 128 meg Flash Drive)	552.00
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B: Speed Sensors:

01410	Astro II GPS Speed Sensor (1 Hz)	326.00
01425	Astro 5 GPS Speed Sensor (5 Hz)	439.00
01437	Astro 5 GPS Speed Sensor (5 Hz) w/DB 9	469.00
01526	Vansco Radar Speed Sensor	805.00
01531	* Hall-effect Magnetic Wheel Speed Sensor Kit (6 magnets)	155.30
01533	* Hall-Effect Magnetic Drive Shaft Speed Sensor Kit	81.60
01554	* Hall-effect Proximity Speed Sensor Kit w/15' extension cable	244.40
14810	* Radar Adapter for In-Cab John Deere M/P 150 Connector	40.10
14811	* Radar Adapter for In-Cab John Deere M/P 150 Connector w/y-cable	49.17
14812	* Radar Adapter for DICKEY-john AMP Connector w/y-cable	93.15
14813	* Radar Adapter for DICKEY-john CANNON Connector w/y-cable	93.15
14814	* Radar Adapter for DICKEY-john DEUTSCH Connector w/y-cable	93.15
14815	* Radar Adapter for DICKEY-john PACKARD Connector w/y-cable	93.15
14816	* Radar Adapter for DICKEY-john FORD Connector w/y-cable	93.15
14817	* Radar Adapter for Raven CONXALL Connector w/y-cable	93.15
14818	* Radar Adapter for Magnavox & Phillips PACKARD Connector w/y-cable	93.15
14926	* Radar Adapter for Vansco Radar	49.17
17811	Radar Adapter for In-Cab John Deere 30 Series 7-Pin Amp	92.25
18041	Radar Adapter for In-Cab John Deere 1-Pin MP280	15.30

C: NH3 Plumbing Control Panel Kits w/Main Harness

01101	NH3500 Kit for MT-NH3 II 1000-6000 lbs. (454-2722 kg) NH3/hour	3,395.00
01097	Liquifier Kit for MT-NH3 II up to 12000 lbs. (up to 5454 kg) NH3/hour	4,495.00
01643	NH3500 Kit for MT-NH3 II 600-2800 lbs. (273-1273 kg) NH3/hour- Low Rate Kit	3,395.00
01660	Liquifier MAX Kit for MT-NH3 II up to 21000 lbs. (up to 9545 kg) NH3/hour	9,995.00
01113	NH3500 Kit for SprayMate II 1000-6000 lbs. (454-2722 kg) NH3/hour	3,295.00
01098	Liquifier Kit for SprayMate II up to 12000 lbs. (up to 5454 kg) NH3/hour	4,495.00
01645	NH3500 Kit for SprayMate II 600-2800 lbs. (273-1273 kg) NH3/hour- Low Rate Kit	3,395.00
01661	Liquifier MAX Kit for SprayMate II up to 21000 lbs. (up to 9545 kg) NH3/hour	9,995.00
01580	NH3500 Kit for SprayMate II 1000-6000 lbs. (454-2722 kg) NH3/hour - Multi-Section Kit *	3,500.00
01581	Liquifier Kit for SprayMate II up to 12000 lbs. (up to 5454 kg) NH3/hour - Multi-Section Kit *	4,695.00
01662	Liquifier MAX Kit for SprayMate II up to 21000 lbs. (up to 9545 kg) NH3/hour- Multi-Section Kit*	10,275.00
01102	NH3500 Kit for MT-2405F II 1000-6000 lbs. (454-2722 kg) NH3/hour	3,495.00
01108	Liquifier Kit for MT-2405 F II up to 12000 lbs. (up to 5454 kg) NH3/hour	4,695.00
01644	NH3500 Kit for MT-2405F II 600-2800 lbs. (273-1273 kg) NH3/hour- Low Rate Kit	3,595.00
01663	Liquifier MAX Kit for MT-2405F II up to 21000 lbs. (up to 9545 kg) NH3/hour	10,185.00
01132	NH3500 Kit for MT-3405F II 1000-6000 lbs. (454-2722 kg) NH3/hour	3,295.00
01133	Liquifier Kit for MT-3405F II up to 12000 lbs. (up to 5454 kg) NH3/hour	4,495.00
01625	NH3500 Kit for MT-3405F II 600-2800 lbs. (273-1273 kg) NH3/hour - Low Rate Kit	3,395.00
01664	Liquifier MAX Kit for MT-3405F II up to 21000 lbs. (up to 9545 kg) NH3/hour	9,995.00
01582	NH3500 Kit for MT-3405F II 1000-6000 lbs. (454-2722 kg) NH3/hour - Multi-Section Kit *	3,565.00
01585	Liquifier Kit for MT-3405F II up to 12000 lbs. (up to 5454 kg) NH3/hour - Multi-Section Kit *	4,665.00
01665	Liquifier MAX Kit for MT-3405F II up to 21000 lbs. (up to 9545kg) NH3/hour - Multi-Section Kit*	10,275.00

* **NOTE: For P/N's 01580, 01581, 01582 and 01585 Shut-off Valves NOT Included**

* These items always receive complete goods discounts and do not count as a unit for volume discounts.

NH3 Plumbing Control Panel Kits for Older M-T Controllers

01120	NH3500 Kit for MT3405 F w/pigtail harness 1000-6000 lbs. (454-2722 kg) NH3/hour	3,295.00
01124	Liquifier Kit for MT-3405 F w/pigtail harness up to 12000 lbs. (up to 5454 kg) NH3/hour	4,495.00
01111	NH3500 Kit for MT-9000 w/pigtail harness 1000-6000 lbs. (454-2722 kg) NH3/hour	3,355.00
01118	Liquifier Kit for MT-9000 w/pigtail harness up to 12000 lbs. (up to 5454 kg) NH3/hour	4,495.00
00140	NH3500 Kit for MT-3000 1000-6000 lbs. (454-2722 kg) NH3/hour	3,275.00
00260	Liquifier Kit for MT-3000 up to 12000 lbs. (up to 5454 kg) NH3/hour	4,495.00

MT-9000 Customized Automatic NH3 Rate Controllers

Order from A, B, and C to build custom systems.

To add NH3 control to an existing MT-9000 controller order from B and C.

≈ Compatible systems for VRA and as-applied maps.

A: Consoles w/main harness:

01065	≈ MT-9000 Customized for NH3	1,290.00
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MT-9000 Options:

01619	Trak-Record II w/GPS Input(includes 128 meg Flash Drive)	552.00
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B: Speed Sensors

01410	Astro II GPS Speed Sensor (1 Hz)	326.00
01425	Astro 5 GPS Speed Sensor (5 Hz)	439.00
01527	Vansco Radar Speed Sensor	805.00
01531	* Hall-effect Magnetic Wheel Speed Sensor Kit (6 magnets)	155.30
01532	* Hall-Effect Magnetic Speed Sensor Kit (2 magnets) (SOM-97-LR)	81.60
01554	* Hall-effect Proximity Speed Sensor Kit w/15' extension cable	244.40
14019	* Radar Interface for Vansco Radar	76.00
14214	* Radar Interface for In-Cab John Deere M/P 150 Connector	76.00
14215	* Radar Interface for DICKEY-john AMP Connector	117.00
14216	* Radar Interface for DICKEY-john CANNON Connector	117.00
14217	* Radar Interface for DICKEY-john DEUTSCH Connector	117.00
14218	* Radar Interface for DICKEY-john FORD Connector	117.00
14219	* Radar Interface for DICKEY-john PACKARD Connector	117.00
14220	* Radar Interface for Magnavox & Phillips PACKARD Connector	117.00
14221	* Radar Interface for Raven CONXALL Connector	117.00
14222	* Radar Interface for In-Cab John Deere M/P 150 Connector w/y-cable	117.00
17880	* Radar Interface for In-Cab John Deere 30 Series 7-pin Amp for LR products	117.17

C: NH3 Plumbing Control Panel Kits:

01093	NH3500 Kit for MT-9000 1000-6000 lbs. (454-2722 kg) NH3/hour	3,295.00
01094	Liquifier Kit for MT-9000 up to 12000 lbs. (up to 5454 kg) NH3/hour	4,195.00

* These items always receive complete goods discounts and do not count as a unit for volume discounts.

GSC-1000 Customized Automatic Dry / Hydraulic Rate Controllers

Order from A, B, C, D and E to build custom systems.

≈ Compatible systems for VRA and as-applied maps.

A: Consoles w/main harness:

01402	≈ GSC-1000 Customized (standard control)	1,028.00
01403	≈ GSC-1000 Customized (PWM control)	1,028.00

GSC-1000 Options

01619	Trak-Record II w/GPS Input (includes 128 meg Flash Drive)	552.00
01189	Wireless Remote Kit	415.00

B: Speed Sensors

01410	Astro II GPS Speed Sensor (1 Hz)	326.00
01425	Astro 5 GPS Speed Sensor (5 Hz)	439.00
01437	Astro 5 GPS Speed Sensor (5 Hz) w/DB 9	469.00
01526	Vansco Radar Speed Sensor	805.00
01531	* Hall-effect Magnetic Wheel Speed Sensor Kit (6 magnets)	155.30
01533	* Hall-Effect Magnetic Drive Shaft Speed Sensor Kit	81.60
01553	* DSA for Vehicle Applications and Ford Speed Interface for 1999 through 2001	23.90
01554	* Hall-effect Proximity Speed Sensor Kit w/15' extension cable	244.40
14810	* Radar Adapter for In-Cab John Deere M/P 150 Connector	40.10
14811	* Radar Adapter for In-Cab John Deere M/P 150 Connector w/y-cable	49.17
14812	* Radar Adapter for DICKEY-john AMP Connector w/y-cable	93.15
14813	* Radar Adapter for DICKEY-john CANNON Connector w/y-cable	93.15
14814	* Radar Adapter for DICKEY-john DEUTSCH Connector w/y-cable	93.15
14815	* Radar Adapter for DICKEY-john PACKARD Connector w/y-cable	93.15
14816	* Radar Adapter for DICKEY-john FORD Connector w/y-cable	93.15
14817	* Radar Adapter for Raven CONXALL Connector w/y-cable	93.15
14818	* Radar Adapter for Magnavox & Phillips PACKARD Connector w/y-cable	93.15
14926	* Radar Adapter for Vansco Radar	49.17
17811	Radar Adapter for In-Cab John Deere 30 Series 7-Pin Amp	92.25
18041	Radar Adapter for In-Cab John Deere 1-Pin MP280	15.30

C: Flow Sensors

01554	* Hall-effect Proximity Speed Sensor Kit w/15' extension cable	244.40
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D: Hydraulic Flow Control (servo) Valve Kits:

17247	* 1 GPM Hydraulic Control Valve 1.0 sec. valve 3000 PSI (206 Bar) MAX	875.00
17253	* 5 GPM Hydraulic Control Valve 1.0 sec. valve 3000 PSI (206 Bar) MAX	875.00
13859	* 5 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	875.00
17564	* 10 GPM Hydraulic Control Valve 1.0 sec. valve 3000 PSI (206 Bar) MAX	875.00
14885	* 10 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	875.00
13857	* 15 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	875.00
13860	* 20 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	988.00
13858	* 35 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	988.00
17160	* Optional Adjustable Pressure Relief	155.00
17961	* PWM Hydraulic Flow Control Valve 0-8 GPM	462.00

E: Hydraulic Motor / Shutoff Valve Assemblies:

17576	* 4.9 CID Hydraulic Motor/Shutoff Valve Assembly (no sprockets)	1,480.00
17356	* 9.6 CID Hydraulic Motor/shutoff Valve Assembly (no sprockets)	1,580.00

* These items always receive complete goods discounts and do not count as a unit for volume discounts.

Effective: 1/1/2012

RoadMaster Customized Automatic Anti-ice/De-ice Rate Controllers

Order from A, B, C, D, E, F and G to build custom systems.

≈ Compatible systems for VRA and as-applied maps.

A: Consoles w/main harness:

01590	≈ RoadMaster Customized (standard control)	1,269.00
01591	≈ RoadMaster Customized (PWM control)	1,269.00

RoadMaster Options:

17560	* Blast/Run/Hold Remote Switch Box	152.80
01619	Trak-Record II w/GPS Input (includes 128 meg Flash Drive)	552.00
17809	Wireless Remote Kit	415.00

B: Speed Sensors:

01410	Astro II GPS Speed Sensor (1 Hz)	326.00
01425	Astro 5 GPS Speed Sensor (5 Hz)	439.00
01437	Astro 5 GPS Speed Sensor (5 Hz) w/DB 9	469.00
01526	Vansco Radar Speed Sensor	805.00
01531	* Hall-effect Magnetic Wheel Speed Sensor Kit (6 magnets)	155.30
01533	* Hall-Effect Magnetic Drive Shaft Speed Sensor Kit	81.60
01553	* DSA for Vehicle Applications and Ford Speed Interface for 1999 through 2001	23.90
01554	* Hall-effect Proximity Speed Sensor Kit w/15' extension cable	244.40
14810	* Radar Adapter for In-Cab John Deere M/P 150 Connector	40.10
14811	* Radar Adapter for In-Cab John Deere M/P 150 Connector w/y-cable	49.17
14812	* Radar Adapter for DICKEY-john AMP Connector w/y-cable	93.15
14813	* Radar Adapter for DICKEY-john CANNON Connector w/y-cable	93.15
14814	* Radar Adapter for DICKEY-john DEUTSCH Connector w/y-cable	93.15
14815	* Radar Adapter for DICKEY-john PACKARD Connector w/y-cable	93.15
14816	* Radar Adapter for DICKEY-john FORD Connector w/y-cable	93.15
14817	* Radar Adapter for Raven CONXALL Connector w/y-cable	93.15
14818	* Radar Adapter for Magnavox & Phillips PACKARD Connector w/y-cable	93.15
14926	* Radar Adapter for Vansco Radar	49.17
17811	Radar Adapter for In-Cab John Deere 30 Series 7-Pin Amp	92.25
18041	Radar Adapter for In-Cab John Deere 1-Pin MP280	15.30

C: Flowmeter Kits:

01500	* FM500 Flowmeter Kit .5-5 GPM (2-19 lpm) 500 PSI (35 Bar) MAX	329.00
01501	* FM750 GFN Flowmeter Kit 2-40 GPM (6-150 lpm) 100 PSI (7 Bar) MAX	329.00
01504	* FM750 SS Flowmeter Kit 2-40 GPM (6-150 lpm) 500 PSI (35 Bar) MAX	679.00
01507	* FM750 SS Flowmeter Kit (w/ceramic) 2-40 GPM (6-150 lpm) 500 PSI (35 Bar) MAX	595.00
01650	* FM750 LF (Low Flow) GFN Flowmeter Kit .5-12 GPM (1.9-45lpm) 150 PSI (10 Bar) MAX	406.00
01505	* FM1000 SS Flowmeter Kit 3.5-70 GPM (13-265 lpm) 500 PSI (35 Bar) MAX	645.00
01515	* FM270 Flowmeter Kit 3.5-70 GPM (13-265 lpm) 175 PSI (13 Bar) MAX	541.00
01514	* FM10/100 Flowmeter Kit 10-100 GPM (40-400 lpm) 175 PSI (13 Bar) MAX	561.00
01506	* FM1500 SS Flowmeter Kit 10-130 GPM (40-500 lpm) 500 PSI (35 Bar) MAX	850.00
01519	* FM1500 SS LF (Low Flow) Flowmeter Kit 3.5-70 GPM (13-265lpm) 500 PSI (35 Bar) MAX	886.00
01511	* FM2000 P Flowmeter Kit 19-198 GPM (75-750 lpm) 285 PSI (20 Bar) MAX	981.00
01512	* FM3000 PSS Flowmeter Kit 40-396 GPM (150-1500 lpm) 855 PSI (60 Bar) MAX	1,604.00
01513	* FM3000 P Flowmeter Kit 40-396 GPM (150-1500 lpm) 855 PSI (60 Bar) MAX	1,285.00

D: Flow Control (servo) Valve Kits:

00745	* 3/4" M-T Servo Valve Kit 150 PSI (10 Bar) MAX	262.00
00746	* 3/4" High Pressure M-T Servo Valve Kit 300 PSI (21 Bar) MAX	308.00
14928	* 1" Servo Valve Model 2005 150 PSI (10 Bar) MAX	269.00
14957	* 1" High Pressure Servo Valve Model 2005 300 PSI (21 Bar) MAX	315.00
17088	* 1" Servo Valve Model 2005 (aqueous ammonia) 150 PSI (10 Bar) MAX	269.00
17380	* Control (servo) Valve Amplifier Module	169.00
01564	* Flanged Servo Valve Kit (1" butterfly, 1.5" threads) 150 PSI (10 Bar) MAX	380.00
01565	* Flanged Servo Valve Kit (1.5" butterfly, 1.5" threads) 150 PSI (10 Bar) MAX	380.00
01566	* Flanged Servo Valve Kit (aqueous ammonia) (1" butterfly, 1.5" threads) 150 PSI (10 Bar) MAX	380.00
01567	* Flanged Servo Valve Kit (aqueous ammonia) (1.5" butterfly, 1.5" threads) 150 PSI (10 Bar) MAX	380.00

RoadMaster Customized Automatic Anti-ice / De-ice Rate Controller Pricing continued on next page.

* These items always receive complete goods discounts and do not count as a unit for volume discounts.

Effective: 1/1/2012

RoadMaster Customized Automatic Anti-ice / De-ice Rate Controllers cont.**E: Electric Motor Driver Kits:**

18008	* 10-Amp Standard Electric Motor Driver Kit	342.00
18108	* 10-Amp PWM Electric Motor Driver Kit	342.00
01757	* 40-Amp Standard Electric Motor Driver Kit	512.00
01758	* 40-Amp PWM Electric Motor Driver Kit	512.00
18110	* 70-Amp PWM Electric Motor Driver Kit	923.00

F: Hydraulic Flow Control (servo) Valve Kits:

17247	* 1 GPM Hydraulic Control Valve 1.0 sec. valve 3000 PSI (206 Bar) MAX	875.00
17253	* 5 GPM Hydraulic Control Valve 1.0 sec. valve 3000 PSI (206 Bar) MAX	875.00
13859	* 5 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	875.00
17564	* 10 GPM Hydraulic Control Valve 1.0 sec. valve 3000 PSI (206 Bar) MAX	875.00
14885	* 10 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	875.00
13857	* 15 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	875.00
13860	* 20 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	988.00
13858	* 35 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	988.00
17160	* Optional Adjustable Pressure Relief	155.00
17961	* PWM Hydraulic Flow Control Valve 0-8 GPM	462.00

G: Hydraulic Motor / Shutoff Valve Assemblies:

17576	* 4.9 CID Hydraulic Motor/Shutoff Valve Assembly (no sprockets)	1,480.00
17356	* 9.6 CID Hydraulic Motor/shutoff Valve Assembly (no sprockets)	1,580.00

Radar Speed Sensors

01526	Vansco Radar Speed Sensor w/ M-T Base II Adapter	805.00
01527	Vansco Radar Speed Sensor w/ M-T Base I Adapter	805.00
01528	Vansco Radar Speed Sensor w/4-pin AMP connector	785.00

Vansco Radar Adapter Cables:

‡ For use with 84C, FT 84C, FT 96C, 86S.

Ω For use with MT-3000, MT-5000, Trak-Net, ST-424.

\$ For use with C-97-LR, FT-97-LR, SOM-97-LR, SprayMate, MT-2400, MT-2405 F, MT-3400, MT-3405 F, MT-9000, MT-400, MT-400 W/S, MT-NH3.

£ For use with Calc-An-Acre II, Flow-Trak II, SprayMate II, MT-2405 F II, MT-3403/5/7 F II, MT-3405 D, ProPlant, MT-NH3 II, RoadMaster.

14019	\$ * Cable for Micro-Trak Products 1' (0.3m)	76.00
14024	‡ * Cable for Micro-Trak Products 1' (0.3m)	76.00
14025	Ω * Cable for Micro-Trak Products 1' (0.3m)	76.00
14026	* Cable for DICKEY-john CANNON Connector 1' (0.3m)	106.20
14027	* Cable for DICKEY-john PACKARD Connector 1' (0.3m)	106.20
14028	* Cable for DICKEY-john DEUTSCH Connector 1' (0.3m)	106.20
14029	* Cable for Magnavox PACKARD Connector 1' (0.3m)	106.20
14030	* Cable for Raven CONXALL Connector 1' (0.3m)	106.20
14031	* Cable for Spraying Systems DEUTSCH Connector 1' (0.3m)	106.20
14039	* Cable for DICKEY-john FORD Connector 1' (0.3m)	106.20
14380	* Cable for John Deere Performance Center (7000, 8000, 9000, Track Series) 1' (0.3m)	106.20
14926	£ * Cable for Micro-Trak Gen II Products 1' (0.3m)	49.17

* These items always receive complete goods discounts and do not count as a unit for volume discounts.

Effective: 1/1/2012

Whirlwind Blockage Monitor

Order from A, B, C, D, E and F to build custom systems.

A: Consoles w/main harness:

01375	Whirlwind Console Kit	662.00
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Whirlwind Options:

01535	Run/Hold Sensor kit	123.90
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B: Blockage Monitoring:

Each module connects up to 16 blockage sensors. (256 sensors MAX per system)

01376	* Blockage Module Kit	369.00
01377	* 1" ID Blockage Sensor Kit	72.00
01378	* 1 1/4" ID Blockage Sensor Kit	72.00

C: Bin Level Monitoring:

Each module connects up to 4 bin level sensors . (1 module MAX per system)

01382	* Bin Level Module Kit	330.00
01544	* Bin Level Sensor Kit	92.50

D: Fan RPM Monitoring:

Each module connects up to 2 fan sensors (4 sensors MAX per system)

01381	* Fan RPM Module Kit	319.00
01539	Hall-effect RPM Sensor Kit	83.25
14536	Molded Shaft Adapter Kit w/10 magnets	45.75

E: Shaft RPM Monitoring:

Each module connects up to 2 fan sensors (4 sensors MAX per system)

01380	* Shaft RPM Module Kit	329.00
01539	Hall-effect RPM Sensor Kit	83.25
14536	Molded Shaft Adapter Kit w/10 magnets	45.75

F: Speed Sensors:

01410	Astro II GPS Speed Sensor (1 Hz)	326.00
01425	Astro 5 GPS Speed Sensor (5 Hz)	439.00
01526	Vansco Radar Speed Sensor	805.00
01530	* Hall-effect Magnetic Wheel Speed Sensor Kit (2 magnets)	155.30
01533	* Hall-Effect Magnetic Drive Shaft Speed Sensor Kit	81.60
01554	* Hall-effect Proximity Speed Sensor Kit w/15' extension cable	244.40
14810	* Radar Adapter for In-Cab John Deere M/P 150 Connector	40.10
14811	* Radar Adapter for In-Cab John Deere M/P 150 Connector w/y-cable	49.17
14812	* Radar Adapter for DICKEY-john AMP Connector w/y-cable	93.15
14813	* Radar Adapter for DICKEY-john CANNON Connector w/y-cable	93.15
14814	* Radar Adapter for DICKEY-john DEUTSCH Connector w/y-cable	93.15
14815	* Radar Adapter for DICKEY-john PACKARD Connector w/y-cable	93.15
14816	* Radar Adapter for DICKEY-john FORD Connector w/y-cable	93.15
14817	* Radar Adapter for Raven CONXALL Connector w/y-cable	93.15
14818	* Radar Adapter for Magnavox & Phillips PACKARD Connector w/y-cable	93.15
14926	* Radar Adapter for Vansco Radar	49.17
18041	Radar Adapter for In-Cab John Deere 1-Pin MP280	15.30

* These items always receive complete goods discounts and do not count as a unit for volume discounts.

Effective: 1/1/2012

Complete Goods**Retail****On-The-Go Yield and Moisture Monitors**

Order from A, B, C, D and E to build custom systems.

A: Consoles w/main harness:

00580	Grain-Trak Console Kit	1,445.00
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Grain-Trak Options:

17858	* Suction Cup Mounting Kit for Console	101.15
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B: Speed Sensors:

12364	* Magnetic Speed Sensor Kit (2 magnets)	103.30
01411	* Astro II w/3-pin W/P	326.00
01426	* Astro 5 w/3-pin W/P	439.00

C: Grain Flow Sensor Kits:

‡ Cutting an access hole in the clean grain elevator is required.

00590	‡ * Kit for CASE 1600 & 2100 Series (Universal)	1,396.00
00591	* Kit for CASE/IH 1400 Series	1,396.00
00595	* Kit for CASE 2100, 2300 (2144 #172845 & †, 2166 #180000 & †, 2188 #191483 & †)	1,396.00
00592	‡ * Kit for Gleaner L, M, N and R Series (Universal)	1,396.00
00593	Kit for FNH TR75, TR85, TR86, TR87, TR88	1,396.00
00594	Kit for FNH TR95, TR96, TR97, TR98	1,396.00
00586	Kit for Deere 6620, 7720, 8820 (8820 #464349 & †)	1,396.00
00587	Kit for Deere 8820 (8820 #464349 & †)	1,396.00
00588	Kit for Deere 9400, 9500	1,396.00
00589	Kit for Deere 9600	1,396.00
00596	Kit for Deere 9410, 9510	1,396.00
00597	Kit for Deere 9610	1,396.00
00592	‡ * Kit for all other Models (Universal)	1,396.00

D: Grain Moisture Sensor Kits:

‡ Cutting an access hole is required.

00581	‡ * DMC Moisture Sensor Kit	815.00
00625	‡ * DMC Elevator Side Mount Kit (North American combines and FNH TR Series)	959.00
00626	‡ * DMC Elevator Side Mount Kit (Most European combines and FNH TR Series)	926.00
00627	* Spacer Kit for 00625 Elevator Side Mount Kit for CASE 2100 and 2300 Series	82.49
12543	* Horizontal Auger Tube Extension Kit for Moisture Sensor (9" augers)	215.00
12544	* Horizontal Auger Tube Extension Kit for Moisture Sensor (8" augers)	215.00

E: Tilt / Slope Correction:

00582	* Tilt/Slope Sensor Kit (Corrects for up and down tilt error - not side to side - up to 35° tilt)	418.00
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F: Field Feature Marking / Mapping Interface:

00707	GeoMarker Field Feature Marking/Mapping Interface	581.00
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* These items always receive complete goods discounts and do not count as a unit for volume discounts.

Effective: 1/1/2012

NH3 Plumbing Control Panel Kits for Third Party Controllers

‡ Requires adapter cable P/N 17924 Part Number can be found on page B-37.

Topcon X20, X15, X10 w/30S ECU Kits:

17602	NH3500 Kit for Topcon X20, X15, X10 w/30S ECU	1000-6000 lbs. (454-2722 kg) NH3/hour	3,595.00
17603	Liquifier Kit for Topcon X20, X15, X10 w/30S ECU	up to 12000 lbs. (up to 5454 kg) NH3/hour	4,795.00
17807	NH3500 Kit for Topcon X20, X15, X10 w/30S ECU	600-2800 lbs. (273-1273 kg) NH3/hour - Low Rate Kit	3,685.00
01656	Liquifier MAX Kit for Topcon X20, X15, X10 w/30S ECU	up to 21000 lbs. (up to 9545 kg) NH3/hour	10,100.00

John Deere GS2 Kits:

17604	‡ NH3500 Kit for John Deere GS2	1000-6000 lbs. (454-2722 kg) NH3/hour	3,685.00
17605	‡ Liquifier Kit for John Deere GS2	up to 12000 lbs. (up to 5454 kg) NH3/hour	4,895.00
17808	‡ NH3500 Kit for John Deere GS2	600-2800 lbs. (273-1273 kg) NH3/hour - Low Rate Kit	3,785.00
01678	‡ Liquifier MAX Kit for John Deere GS2	up to 21000 lbs. (up to 9545 kg) NH3/hour	10,175.00

Trimble EZ Boom 2010 Kits:

17606	NH3500 Kit for Trimble EZ Boom 2010	1000-6000 lbs. (454-2722 kg) NH3/hour	3,595.00
17607	Liquifier Kit for Trimble EZ Boom 2010	up to 12000 lbs. (up to 5454 kg) NH3/hour	4,795.00
17810	NH3500 Kit for Trimble EZ Boom 2010	600-2800 lbs. (273-1273 kg) NH3/hour - Low Rate Kit	3,595.00
01676	Liquifier MAX Kit for Trimble EZ Boom 2010	up to 21000 lbs. (up to 9545 kg) NH3/hour	10,145.00

Raven 440/450 Kits:

17588	NH3500 Kit for Raven 440/450	1000-6000 lbs. (454-2722 kg) NH3/hour	3,595.00
17589	Liquifier Kit for Raven 440/450	up to 12000 lbs. (up to 5454 kg) NH3/hour	4,795.00
17806	NH3500 Kit for Raven 440/450	600-2800 lbs. (273-1273 kg) NH3/hour - Low Rate Kit	3,685.00
01658	Liquifier MAX Kit for Raven 440/450	up to 21000 lbs. (up to 9545 kg) NH3/hour	10,145.00

AgLeader INSIGHT Kits:

01666	NH3500 Kit for AgLeader INSIGHT	1000-6000 lbs. (454-2722 kg) NH3/hour	4,095.00
01667	Liquifier Kit for AgLeader INSIGHT	up to 12000 lbs. (up to 5454 kg) NH3/hour	5,065.00
01668	Liquifier MAX Kit for AgLeader INSIGHT	up to 21000 lbs. (up to 9545 kg) NH3/hour	10,115.00
01675	NH3500 Kit for AgLeader INSIGHT	600-2800 lbs. (273-1273 kg) NH3/hour - Low Rate Kit	4,085.00

Multi-Section NH3 Kits

* Kits DO NOT include shut-off valves. MUST be ordered separately

Topcon X20, X15, X10 w/30S ECU Kits:

01637	Multi-Section NH3500 Kit for Topcon X20, X15, X10	1000-6000 lbs. (454-2722 kg) NH3/hour	3,785.00
01641	Multi-Section Liquifier Kit for Topcon X20, X15, X10	up to 12000 lbs. (up to 5454 kg) NH3/hour	4,995.00
01657	Multi-Section Liquifier MAX Kit for Topcon X20, X15, X10	up to 21000 lbs. (up to 9545 kg) NH3/hour	10,340.00

John Deere GS2 Kits:

01635	‡ Multi-Section NH3500 Kit for John Deere GS2	1000-6000 lbs. (454-2722 kg) NH3/hour	3,785.00
01639	‡ Multi-Section Liquifier Kit for John Deere GS2	up to 12000 lbs. (up to 5454 kg) NH3/hour	4,995.00
01679	‡ Multi-Section Liquifier MAX Kit for John Deere GS2	up to 21000 lbs. (up to 9545 kg) NH3/hour	10,340.00

Trimble EZ Boom 2010 Kits:

01636	Multi-Section NH3500 Kit for Trimble EZ Boom 2010	1000-6000 lbs. (454-2722 kg) NH3/hour	3,785.00
01640	Multi-Section Liquifier Kit for Trimble EZ Boom 2010	up to 12000 lbs. (up to 5454 kg) NH3/hour	4,995.00
01677	Multi-Section Liquifier MAX Kit for Trimble EZ Boom 2010	up to 21000 lbs. (up to 9545 kg) NH3/hour	10,340.00

Raven 440/450 Kits:

01638	Multi-Section NH3500 Kit for Raven 440/450	1000-6000 lbs. (454-2722 kg) NH3/hour	3,785.00
01642	Multi-Section Liquifier Kit for Raven 440/450	up to 12000 lbs. (up to 5454 kg) NH3/hour	4,995.00
01659	Multi-Section Liquifier MAX Kit for Raven 440/450	up to 21000 lbs. (up to 9545 kg) NH3/hour	10,340.00

AgLeader INSIGHT Kits:

01669	5-Section NH3500 Kit for AgLeader INSIGHT	1000-6000 lbs. (454-2722 kg) NH3/hour	4,395.00
01670	10-Section NH3500 Kit for AgLeader INSIGHT	1000-6000 lbs. (454-2722 kg) NH3/hour	4,460.00
01671	5-Section Liquifier Kit for AgLeader INSIGHT	up to 12000 lbs. (up to 5454 kg) NH3/hour	5,360.00
01672	10-Section Liquifier Kit for AgLeader INSIGHT	up to 12000 lbs. (up to 5454 kg) NH3/hour	5,420.00
01673	5-Section Liquifier MAX Kit for AgLeader INSIGHT	up to 21000 lbs. (up to 9545 kg) NH3/hour	10,415.00
01674	10-Section Liquifier MAX Kit for AgLeader INSIGHT	up to 21000 lbs. (up to 9545 kg) NH3/hour	10,475.00

* These items always receive parts discounts.

Effective: 1/1/2012

Liquid Control Kits for Third Party Controllers

Order from A, B, C, D, E :

‡ Requires adapter cable P/N 17924 Part Number can be found on page B-37.

A: Main Harness Kits:

17625	Topcon X20, X15, X10 w/30S ECU Harness Kit for Liquid	596.40
17626	‡ John Deere GS2 Harness Kit for Liquid	753.00
17962	‡ GS2 7-Section Liquid Control Harness	604.00
17627	Trimble EZ Boom 2010 Harness Kit for Liquid	687.00
17628	Raven 440/450 Harness Kit for Liquid	687.00
01651	AgLeader INSIGHT Kit for Liquid	809.00

B: Flowmeter Kits:

01500	* FM500 Flowmeter Kit .5-5 GPM (2-19 lpm) 500 PSI (35 Bar) MAX	329.00
01501	* FM750 GFN Flowmeter Kit 2-40 GPM (6-150 lpm) 150 PSI (7 Bar) MAX	329.00
01504	* FM750 SS Flowmeter Kit 2-40 GPM (6-150 lpm) 500 PSI (35 Bar) MAX	679.00
01507	* FM750 SS Flowmeter Kit (w/ceramic) 2-40 GPM (6-150 lpm) 500 PSI (35 Bar) MAX	595.00
01650	* FM750 LF (Low Flow) GFN Flowmeter Kit .5-12 GPM (1.9-45lpm) 150 PSI (10 Bar) MAX	406.00
01505	* FM1000 SS Flowmeter Kit 3.5-70 GPM (13-265 lpm) 500 PSI (35 Bar) MAX	645.00
01515	* FM270 Flowmeter Kit 3.5-70 GPM (13-265 lpm) 175 PSI (13 Bar) MAX	541.00
01514	* FM10/100 Flowmeter Kit 10-100 GPM (40-400 lpm) 175 PSI (13 Bar) MAX	561.00
01506	* FM1500 SS Flowmeter Kit 10-130 GPM (40-500 lpm) 500 PSI (35 Bar) MAX	850.00
01519	* FM1500 SS LF (Low Flow) Flowmeter Kit 3.5-70 GPM (13-265lpm) 500 PSI (35 Bar) MAX	886.00
01511	* FM2000 P Flowmeter Kit 19-198 GPM (75-750 lpm) 285 PSI (20 Bar) MAX	981.00
01512	* FM3000 PSS Flowmeter Kit 40-396 GPM (150-1500 lpm) 855 PSI (60 Bar) MAX	1,604.00
01513	* FM3000 P Flowmeter Kit 40-396 GPM (150-1500 lpm) 855 PSI (60 Bar) MAX	1,285.00

C: Flow Control (servo) Valve Kits:

00745	* 3/4" M-T Servo Valve Kit 150 PSI (10 Bar) MAX	262.00
00746	* 3/4" High Pressure M-T Servo Valve Kit 300 PSI (21 Bar) MAX	308.00
14928	* 1" Servo Valve Model 2005 150 PSI (10 Bar) MAX	269.00
14957	* 1" High Pressure Servo Valve Model 2005 300 PSI (21 Bar) MAX	315.00
17088	* 1" Servo Valve Model 2005 (aqueous ammonia) 150 PSI (10 Bar) MAX	269.00
01564	* Flanged Servo Valve Kit (1" butterfly, 1.5" threads) 150 PSI (10 Bar) MAX	380.00
01565	* Flanged Servo Valve Kit (1.5" butterfly, 1.5" threads) 150 PSI (10 Bar) MAX	380.00
01566	* Flanged Servo Valve Kit (aqueous ammonia) (1" butterfly, 1.5" threads) 150 PSI (10 Bar) MAX	380.00
01567	* Flanged Servo Valve Kit (aqueous ammonia) (1.5" butterfly, 1.5" threads) 150 PSI (10 Bar) MAX	380.00

D: Electric Motor Driver Kits:

18008	* 10-Amp Standard Electric Motor Driver Kit	342.00
18108	* 10-Amp PWM Electric Motor Driver Kit	342.00
01757	* 40-Amp Standard Electric Motor Driver Kit	512.00
01758	* 40-Amp PWM Electric Motor Driver Kit	512.00
18110	* 70-Amp PWM Electric Motor Driver Kit	923.00

E: Hydraulic Flow Control (servo) Valve Kits:

17247	* 1 GPM Hydraulic Control Valve 1.0 sec. valve 3000 PSI (206 Bar) MAX	875.00
17253	* 5 GPM Hydraulic Control Valve 1.0 sec. valve 3000 PSI (206 Bar) MAX	875.00
13859	* 5 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	875.00
17564	* 10 GPM Hydraulic Control Valve 1.0 sec. valve 3000 PSI (206 Bar) MAX	875.00
14885	* 10 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	875.00
13857	* 15 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	875.00
13860	* 20 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	988.00
13858	* 35 GPM Hydraulic Control Valve 3.5 sec. valve 3000 PSI (206 Bar) MAX	988.00
17160	* Optional Adjustable Pressure Relief	155.00
17961	* PWM Hydraulic Flow Control Valve 0-8 GPM	462.00

F: Hydraulic Motor / Shutoff Valve Assemblies:

17576	* 4.9 CID Hydraulic Motor/Shutoff Valve Assembly (no sprockets)	1,480.00
17356	* 9.6 CID Hydraulic Motor/shutoff Valve Assembly (no sprockets)	1,580.00

* These items always receive complete goods discounts and do not count as a unit for volume discounts.

Effective: 1/1/2012

NH3 Harness Kits for Third Party Controllers**Topcon X20, X15, X10 w/30S ECU Kits:**

01529		Topcon Single Section NH3 Harness Kit	613.00
01529		Topcon Five Section NH3 Harness Kit	613.00

John Deere GS2 Kits:

01589	‡	John Deere GS2 Single Section NH3 Harness Kit	541.00
01593	‡	John Deere GS2 Five Section NH3 Harness Kit	773.00

Trimble EZ Boom 2010 Kits:

01594		Trimble EZ Boom 2010 Single Section NH3 Harness Kit	474.00
01595		Trimble EZ Boom 2010 Five Section NH3 Harness Kit	654.00

Raven 440/450 Kits:

01596		Raven 440/450 Single Section NH3 Harness Kit	474.00
01597		Raven 440/450 Five Section NH3 Harness Kit	654.00

AgLeader INSIGHT Kits:

01586		AgLeader INSIGHT Single Section NH3 Harness Kit	490.00
01587		AgLeader INSIGHT Five Section NH3 Harness Kit	980.00
01588		AgLeader INSIGHT tEN Section NH3 Harness Kit	1,045.00

Adapter Cables for Third Party Auto Section Controllers (ASC)

‡ Requires 400 series Raven console adapter.

RINEX Technology AS7500:

17593		* RINEX T-Adapter for MT-2405 F II	183.25
17639		* RINEX T-Adapter for MT-3403/5/7 F II	247.37
17642		* RINEX T-Adapter for SprayMate II, GSC-1000	209.10
17697	‡	* 400 Series Auto Section Control Parallel Adapter Cable	294.00

Outback AutoMate

17697	‡	* 400 Series Auto Section Control Parallel Adapter Cable	294.00
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Raven AccuBoom and SmartBoom

17697	‡	* 400 Series Auto Section Control Parallel Adapter Cable	294.00
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TeeJet Centerline 230BP and BoomPilot

17891	‡	* T-Adapter, TeeJet 230 BP/BoomPilot	339.58
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* These items always receive complete goods discounts and do not count as a unit for volume discounts.