



**2021 Confidential Price List  
for  
Machines & Accessories**

**Effective MARCH 15, 2021**

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**TERMS, CONDITIONS and NOTES**

**IMPORTANT NOTICE: These terms apply to all transactions with regards to Smithco products. Please read them carefully and understand them fully.**

**1 PRICES**

All prices listed in U.S. Dollars, SHIPMENTS ARE: Ex Works our factory in Cameron, Wisconsin or Humboldt, Kansas and subject to change without prior notice or incurring any obligations.

*NOTE: During 2021 we anticipate the costs of our products will increase due to inflation, tariffs and the possibility of design innovations. Instead of adding such changes now, we choose to simply notify you that the possibility of increased prices does exist. Be assured that we will make cost containment a priority. Should a price change become necessary, we regret that the current price, at the time the order is placed will apply. We regret that exceptions cannot be made. Thank you for your understanding.*

**2 CREDIT & PAYMENT**

All sales subject to completion of suitable financial arrangements.

**3 BATTERIES**

**Smithco gasoline & diesel powered products** are shipped without batteries. Batteries are supplied by local Smithco Dealers. Includes shipments to all the World.

**Smithco Electric Powered products, LITHIUM-ION Batteries & Charger are included** on all shipments.

**4 NORTH AMERICAN SHIPMENTS**

**All prices include crating / boxing or factory setup** for motor freight shipment within North America

**5 INTERNATIONAL SHIPMENTS**

**An additional charge (US\$250.00 per machine), for packaging (or setup) / loading / preparation & documentation costs will apply to all products shipped to destinations outside of North America.** This charge will appear as a line item on the invoice. SHIPMENTS EX WORKS, OUR FACTORY, CAMERON, WISCONSIN, 54822

**6 PACKAGING INFORMATION**

Spray Star 1110, 1200, 2000, 3180, 5200; Sweep Star 48, 60, V72E and V72 Big Vac, are shipped set-up and mobile within North America and to International destinations when containerized. (Not including dealer installed accessories/implements).

ALL OTHER SMITHCO PRODUCTS are shipped crated or boxed, without batteries for North American motor freight shipments or containerization for international ocean and air shipments.

**7 SPRAY BOOMS**

All Smithco built Spray Booms will be factory installed on Spray Star dedicated spray vehicles when ordered with a spray vehicle with the exception of plastic nozzle parts. Spray booms ordered without a spray vehicle will be set-up, adjusted then partially dis-assembled for efficient shipping and easy re-assembly at the dealer location.


**8 CE Certification**

**Most Smithco products** have been certified to meet the requirements of the European Machinery Directive and British standards for chemical spray vehicles and are qualified to carry the "CE" mark and certificate when ordered with the CE Certification Option. Please refer to the price book page for each product to determine the availability and cost of CE Certification for that product. If you have any questions, please contact International Sales at Smithco.

MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
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**SAND STAR: THE FINEST BUNKER RAKE BUILT IN THE WORLD NOW WITH YOUR CHOICE OF  
3 TYPES OF POWER: GASOLINE - DIESEL - 48 VOLT ELECTRIC**

**PRIME MOVER:** Includes system for Hydraulic operation of all Rear Mounted and Center Mounted implements listed on page 2 of this price list, Patented Speed Boss Ground Speed Control, Progressive Hydraulic-Throttle System ("Pro Pedal"), Remote Cyclo-Pac Air Cleaner & Hydraulic Center Implement lift / lower, Battery not included. Gasoline & Diesel models only.

45-001	<b>SAND-STAR I</b> <i>POWER:</i> 16hp/12kW OHV Gasoline engine. <i>DRIVE:</i> Hydraulic, 2 wheel parallel <i>STEERING:</i> Manual / mechanical	980	\$20,425.00
45-002	<b>SAND-STAR II</b> <i>POWER:</i> 18hp/14kW OHV Gasoline engine. <i>DRIVE:</i> 3 Wheel Parallel Drive with Smithco 2WD-3WD Traction Assist, increased transport speed <i>STEERING:</i> Manual / mechanical	1005	\$21,165.00
45-204	<b>SAND-STAR IV</b> <i>POWER:</i> 18hp/14kW OHV Gasoline engine. <i>DRIVE:</i> 3 Wheel Series/parallel drive & Traction Assist, <i>STEERING:</i> Hydraulic power	1005	\$23,692.00
45-205	<b>SAND-STAR DIESEL</b> <i>POWER:</i> 18hp/14kW 2-Cylinder DIESEL, Tier 4 compliant engine <i>DRIVE:</i> 3 Wheel Series/parallel drive & Traction Assist, <i>STEERING:</i> Hydraulic power <i>NOTE:</i> Fully CE compliant, no extra charge required Includes Certified ROPS w/ Seat belts (45-004)	1150	\$29,583.00
8510	<b>SAND STAR E</b>  <b>ALL NEW FOR 2021</b> <i>PRIME MOVER:</i> Includes Lithium-Ion battery & charger pack, & system for electric operation of rear implements. <i>POWER:</i> 5kW, Continuous Duty Electric Motor <i>DRIVE:</i> 48 Volt A/C. Lithium ion batteries; geared transaxle <i>STEERING:</i> Manual/mechanical <i>NOTE:</i> Fully CE compliant, no extra charge required	974	\$24,593.00

45-501-A	<b>SAND STAR "ZEE" GOLF BUNKER &amp; BALL FIELD RAKE</b> <b>(NOTE: LIMITED AVAILABILITY)</b> <i>(PRIME MOVER, Zero Turn Radius, 3-wheel configuration, Smithco Engineered Roll-Over Protection)</i> <i>DRIVE:</i> Twin Hydro-Static drive system, dual wheel motors <i>POWER:</i> 22hp (16 kW) Twin cylinder Gas Engine <i>STEERING:</i> Uses two hydraulic pumps with operator handles	990	\$14,199.00
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**SAND STAR PRIME MOVER OPTIONS**

45-004-A	Certified ROPS w/Seat Belts	70	\$696.00
45-390	LED Light Package (Front & Rear) F/ Gas & Diesel Engine Models	8	\$400.00
851-100	LED Light Package (Front & Rear) F/ Electric Models	8	\$400.00
45-650-A	Optional Elect./Hydraulic Lift/Lower for Ctr Mtd. Implements ("ZEE Model Only")	20	\$1,773.00
851-105	Lithium Ion battery package for Sand Star E (Replacement). Not for shipment outside of North America	159	\$2,000.00

<b>TIRE OPTION</b>	<i>Knobbed sand tires are std. equipment on Sand Star. Turf Trac R/S tires available at no addl. cost. Specify 3 ea. TURF TIRES on order (PN 48-265). Tire option must be part of original order.</i>	N/A	N/A
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Bid Term: 2/22/19 - 2/21/21; Extended to 2/21/22

MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
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**Rear Mounted Implements for SAND STAR & Super Star Bunker & Ball Field Rakes**

**FOR GOLF APPLICATIONS**

13-298Q	Fan Rake Assembly	36	\$900.00
13-319	Fan Rake Add On for 13-758Q 13-438 Rake Assembly	20	\$358.00
13-684	Brush Attachment for 13-438, 13-758, 42-132	20	\$636.00
13-740	Brush Attachment for 42-130, 45-503, 45-511	20	\$642.00
13-758Q	Pro Rake	66	\$1,199.00
42-130Q	84" (213 cm) Tournament Rake	85	\$2,186.00
42-132Q	72" (189 cm) Tournament Rake	75	\$2,053.00
42-391Q	72" (189 cm) Tournament Rake w/Flex-Brush Raking System	90	\$3,216.00
42-392Q	84" (213 cm) Tournament Rake w/Flex-Brush Raking System	100	\$3,352.00
45-503Q	84" Pro Rake	81	\$1,430.00
45-511Q	Serrated Rubber Flex Rake	69	\$1,342.00
42-586Q + 42-582	Spiker (Use RBS P/N 42-586Q & 42-582, See below)	180	\$1,788.00
41-501	Typhoon Pumping System	480	\$5,715.00
45-010	Box Grader	273	\$2,846.00

**Smithco Roller-Brush-Spiker System (all components require 42-586Q Main Frame**

42-586Q	RBS Main Frame with Qwitch implement lift.	50	\$839.00
42-581	RBS Roller Set (3) only (Requires #42-586Q Main Frame), above	85	\$1,466.00
42-585	RBS Brush Set (3) only (Requires #42-586Q Main Frame), above	20	\$579.00
42-582	RBS Spiker Set (3) only (Requires #42-586Q Main Frame), above	130	\$949.00

**FOR BALLFIELD & CONSTRUCTION APPLICATIONS**

26-007Q	Professional Infield Finisher	63	\$1,170.00
26-008Q	Flex Action Infield Finisher-Leveler w/ Drag mat	110	\$3,399.00
43-002Q	Flex Action Field Finisher w/ Brush	110	\$3,529.00
43-008	Drag Mat Kit (Mat and carrier)	51	\$1,466.00
43-009	Cocoa Mat & Frame (for fine infield finish)	180	\$2,459.00
13-740	Brush (only) for Flex Action Finisher-Leveler	10	\$642.00
45-010-A	Box Grader	273	\$2,793.00
45-176-A	Drag Mat w/Finisher Brush	140	\$1,666.00

**Center Mounted Implements for Sand Star Series (Only)**

**FOR GOLF APPLICATIONS**

45-006-A	Sand Cultivator (Straight Blades)	20	\$1,119.00
45-008-A	Sand Cultivator (with Spring Tine Teeth)	20	\$1,626.00
45-014-A	Weed Cultivator (with horizontal feet)	25	\$1,649.00
45-175-A	Adjustable Disc Edger	50	\$1,963.00
85-006	Sand Cultivator (Straight Blades) w/925-110 Actuator <b>f/8510</b>	20	\$1,715.00
85-008	Sand Cultivator (with Spring Tine Teeth) w/925-110 Actuator <b>f/85</b>	20	\$2,212.00

**FOR BALLFIELD & CONSTRUCTION APPLICATIONS**

45-007-A	Infield Scarifier (with gauge wheels, vertical blades)	40	\$1,408.00
45-011-A	Infield Scarifier (with gauge wheels, chisel blades)	40	\$2,089.00
45-012-A	Construction Leveling Blade w/push arms	10	\$476.00
45-013-A	Infield Scarifier (with spring tine teeth, gauge wheels)	40	\$1,809.00
45-173-A	Infield Scarifier (with chisel blades, no gauge wheels)	50	\$1,742.00
45-177-A	Nail Scarifier (with gauge wheels for infield scarifying)	45	\$2,133.00
45-195-A	Grader Blade Kit (for 45-007 & 45-011)	10	\$383.00
45-360-A	Scarifier w/extra long blades, gauge wheels	42	\$2,263.00

<b>85-007</b>	Infield Scarifier(Verticle blades) w/925-110 Actuator for <b>8510</b>	40	\$1,999.00
<b>85-013</b>	Infield Scarifier (with Spring Tine Teeth) w/925-110 Actuator for <b>8</b>	40	\$2,392.00

**Front Mounted Implements for Sand Star Series (Only)**

**FOR GOLF, BALLFIELD & CONSTRUCTION APPLICATIONS**

<b>45-005-A</b>	40" (102 cm) Hydraulic Plow F/Sand Star I, II, IV	70	\$3,925.00
<b>45-009-A</b>	40" (102 CM) Aluminum Manual Plow		\$1,461.00
<b>45-019-A</b>	60" (155 cm) Aluminum Manual Plow	100	\$2,095.00
<b>45-179-A</b>	40" (102 cm) Adjustable Angle, Manually Operated Plow	70	\$2,650.00
<b>45-180-A</b>	60" (155 cm) Adjustable Angle Manually Operated Plow	100	\$2,909.00
<b>45-200-A</b>	40" (102 cm) Hydraulic Angle Plow	75	\$4,329.00
<b>45-206-A</b>	40" (102 cm) Hydraulic Plow F/Sand Star V	70	\$4,329.00

MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
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**IMPLEMENTS FOR SAND STAR "ZEE" SERIES**

**(NOTE: LIMITED AVAILABILITY)**

<b>13-740</b>	Brush Attachment for 42-130, 45-503, 45-511	20	\$642.00
<b>26-007Q</b>	Pro Infield Finisher	63	\$1,170.00
<b>26-008Q</b>	Flex Action Field Finisher w/ Drag Mat	110	\$3,399.00
<b>42-392Q</b>	84" (213 cm) Tournament Rake w/Flex-Brush Raking	100	\$3,103.00
<b>43-002Q</b>	Flex Action Field Finisher w/ Brush	110	\$3,529.00
<b>45-503-A</b>	84" Pro Rake	81	\$1,430.00
<b>45-504-A</b>	Center Grader Blade (Attaches to: 45-506-A; 45-507-A)	10	\$415.00
<b>45-505-A</b>	Infield Scarifier ( <i>with spring tine teeth</i> )	40	\$1,243.00
<b>45-506-A</b>	Sand Cultivator (with straight blades)	20	\$1,155.00
<b>45-507-A</b>	Infield Scarifier ( <i>with vertical blades</i> )	40	\$1,295.00
<b>45-509-A</b>	Infield Scarifier ( <i>with chisel blades</i> )	40	\$1,400.00
<b>45-510-A</b>	Light Kit	8	\$462.00
<b>45-511-A</b>	Serrated Rubber Flex Rake	69	\$1,342.00
<b>45-650-A</b>	Optional Elect./Hydraulic Lift/Lower for Ctr Mtd. Implements	20	\$1,773.00

**SWEEP STAR 60 RIDING TURF SWEEPER**

MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
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**SWEEP STAR 60**

**4 wheel QUAD or 3 wheel TRI PRIME MOVER 60' (153 cm) Sweeping Width** 3-Cubic Yard (2.3 Cu. M) capacity, high lift dump and terrain following sweeper head with double gauge wheels. Hydraulic drive with Gasoline or Diesel Power, High lift dump raises to 75" (190 cm) Electric start with 12 volt battery. Smithco engineered roll-over protection w/ seat belts

**4 WHEEL QUAD MODELS with POWER STEERING & HYDRAULIC SWEEPER REEL DRIVE**

<b>76-750AB</b>	<b>SWEEP STAR 60 Brush Reel (Quad)</b> <i>35 hp (26 kW) 2-cylinder gasoline engine</i>	2,400	<b>\$51,758.00</b>
<b>76-750AF</b>	<b>SWEEP STAR 60 Finger Reel (Quad)</b> <i>35 hp (26 kW) 2-cylinder gasoline engine</i>	2,400	<b>\$51,758.00</b>

**3 WHEEL TRI MODELS with Mechanical Steering & Sweeper Reel Drive**

<b>76-000DB</b>	<b>SWEEP STAR 60 Brush Reel (Gasoline)</b> <i>35 hp (26 kW) 2-cylinder gasoline engine</i>	2200	<b>\$46,719.00</b>
<b>76-000DF</b>	<b>SWEEP STAR 60 Finger Reel (Gasoline)</b> <i>35 hp (26 kW) 2-cylinder gasoline engine</i>	2200	<b>\$46,719.00</b>
<b>77-100CB</b>	<b>SWEEP STAR 60 Brush Reel (Diesel)</b> <i>19 hp (14 kW) 3-cylinder, Liquid Cooled, DIESEL engine</i>	2300	<b>\$54,196.00</b>
<b>77-100CF</b>	<b>SWEEP STAR 60 Finger Reel (Diesel)</b> <i>19 hp (14 kW) 3-cylinder, Liquid Cooled, DIESEL engine</i>	2300	<b>\$54,196.00</b>

**SWEEP STAR 60 ACCESSORIES**

<b>76-271</b>	<b>Dust &amp; Dirt Filtration Package All 3-Wheel Models</b> <i>For air discharge openings (factory or dealer installed)</i>	40	<b>\$369.00</b>
<b>77-328</b>	<b>Complete Brush Reel Assembly All 3-Wheel Models</b>	110	<b>\$2,976.00</b>
<b>76-329</b>	<b>Complete Rubber Finger Reel Assembly All 3-Wheel Models</b>	110	<b>\$2,976.00</b>
<b>76-751</b>	<b>Dust &amp; Dirt Filtration Package 76-750 Models</b> <i>For air discharge openings (factory or dealer installed)</i>	40	<b>\$479.00</b>
<b>76-752</b>	<b>Complete Brush Reel Assembly 76-750 Models</b>	110	<b>\$3,189.00</b>
<b>76-753</b>	<b>Complete Rubber Finger Reel Assembly 76-750 Models</b>	110	<b>\$3,189.00</b>
<b>76-442K</b>	<b>CE Compliance Option 76-000 &amp; 77-100 Models</b>	1	<b>\$650.00</b>
<b>76-744</b>	<b>CE Compliance Option 76-750 Models</b>	1	<b>\$650.00</b>

**SWEEP STAR 48**

**RIDING SELF-PROPELLED SWEEPER 48" (123 cm) SWEEPING WIDTH**

1.6-Cubic Yard (1.2 Cu. M) capacity, high lift dump and terrain following sweeper head with double gauge wheels. Hydraulic drive with 18 hp (13 kW) 2-Cylinder gasoline engine, High lift dump raises to 65" (190 cm) Electric start with 12 volt battery. Smithco Engineered Roll-over protection device with seat belts. Dust & dirt filtration filters standard.

<b>48-500AB</b>	<b>SWEEP STAR 48H Brush Reel</b>	1900	<b>\$38,532.00</b>
<b>48-500AF</b>	<b>SWEEP STAR 48H Finger Reel</b>	1900	<b>\$38,532.00</b>

**SWEEP STAR 48 ACCESSORIES**

<b>48-502</b>	<b>Brush Reel Kit</b>	105	<b>\$2,865.00</b>
<b>48-503</b>	<b>Finger Reel Kit</b>	105	<b>\$2,865.00</b>
<b>48-501</b>	<b>Hopper Dust Shield</b>	20	<b>\$513.00</b>
<b>48-223K</b>	<b>CE Compliance Option</b>	1	<b>\$650.00</b>

# SWEEPER-VACUUM ENGINE POWERED PULL-TYPE SWEEPER-VAC

MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
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### SWEEP STAR V-62-C

<b>78-200-C</b>	<b>BASE UNIT:</b> 4 Cubic Yard (3 Cu. Meter) Debris Hopper Capacity, 62 inch (158 cm) terrain following sweeper head, 25 hp (19 kW) Vanguard two cylinder, gasoline engine, mechanical drive vacuum impeller, hydraulic drive sweeper head. Electric start, battery not included.	2225	\$24,848.00
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**NOTE: (Must be ordered with one hitch kit and one sweeper head below)**

### HITCH KITS (Specify one)

<b>78-206</b>	Clevis Hitch (for tractor applications)	75	\$1,898.00
<b>78-209</b>	Ball Hitch	75	\$1,898.00

### SWEEPER HEADS (Specify one)

<b>78-210</b>	Nylon Brush Sweeper Head	230	\$7,002.00
<b>78-211</b>	Rubber Finger Sweeper Head	230	\$6,510.00

### ACCESSORIES

<b>78-207</b>	Hydraulic Lift System for Sweeper Head <i>(Dealer installed)</i>	150	\$3,388.00
<b>78-214</b>	Hydraulic Lift System for Sweeper Head <i>(Factory installed)</i>	150	\$4,183.00
<b>78-208</b>	Dust & Dirt Filtration System for Model 78-200B & Model 78-500	25	\$990.00
<b>78-205</b>	12.5 ft. (4 m) Hand Held Vacuum Hose <i>with Suction Nozzle</i>	25	\$1,846.00
<b>78-215</b>	Electric Brake Kit for 78-200 with 78-209 Only	30	\$2,583.00
<b>78-441</b>	CE Compliance Option	1	\$630.00

### SWEEP STAR V62-V TURF VACUUM (Complete)

<b>78-500</b>	<b>BASE UNIT INCLUDING VACUUM HEAD:</b> 4 Cubic Yard (3 Cu. Meter) Debris Hopper Capacity, 62 inch (158 cm) terrain following sweeper head (included) 23 hp (17 kW) Vanguard two cylinder, gasoline engine, mechanical drive vacuum impeller, Electric/hydraulic tailgate lift & dump. Clevis Hitch, Electric start, battery not included.	2395	<b>\$17,512.00</b>
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### ACCESSORIES

<b>78-208</b>	Dust & Dirt Filtration System for Model 78-500	25	\$898.00
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MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
<b>BIG-VAC &amp; VERTICUT</b>			
	<i>Tractor PTO Drive</i>		

7 Cubic Yard (6 Cu. Meter) Debris Hopper Capacity, 72 inch (188 cm) terrain following sweeper head, tractor PTO drive (40 hp minimum). Mechanical drive vacuum impeller, hydraulic drive to rubber finger and verticut reels. Shipped set-up and mobile. Includes hitch to tractor. Factory set-up charge required for international shipment, see page #1

<b>72-000</b>	<b>Sweep Star V72(Big Vac) Base Unit</b> <i>Hopper, PTO drive system, hydraulic system, hitch system and controls</i>	<b>3500</b>	<b>\$30,469.00</b>
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**NOTE: (Must be ordered with one sweeper head, 72-001, 72-002, or 72-005 below)**

**SWEeper HEADS** (Hydraulic drive reels. Order a minimum of one)

<b>72-001</b>	Combination Sweeper-Verticut Head	1000	<b>\$11,506.00</b>
<b>72-002</b>	Rubber Finger Sweeper Head	700	<b>\$7,285.00</b>
<b>72-005</b>	Nylon Brush Sweeper Head	700	<b>\$7,285.00</b>

**ACCESSORIES**

<b>72-003</b>	25 ft. (8m) Hand Held Vacuum Hose With suction nozzle	40	<b>\$2,050.00</b>
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<b>BIG-VAC. V72-E</b>			
	<i>Engine Drive</i>		

7 Cubic Yard (6 Cu. Meter) Debris Hopper Capacity, 72 inch (188 cm) terrain following sweeper head, 35 hp (26 kw) twin cylinder Vanguard gasoline engine drive. Mechanical drive vacuum impeller, hydraulic drive sweeper head. Includes hitch to tractor. Shipped set-up and mobile, factory set-up charge required for international shipment, see page #1

<b>73-000</b>	<b>Sweep Star V72E (Big Vac) Base Unit</b> <i>Hopper, Vacuum System, Engine Drive &amp; Control System</i>	<b>2950</b>	<b>\$33,565.00</b>
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**NOTE: (Must be ordered with one sweeper head, (72-002 or 72-005) , below)**

**SWEeper HEADS** (Hydraulic drive reels. Order a minimum of one)

<b>72-002</b>	Rubber Finger Sweeper Head	700	<b>\$7,285.00</b>
<b>72-005</b>	Nylon Brush Sweeper Head	700	<b>\$7,285.00</b>

**ACCESSORIES**

<b>73-006</b>	25 ft. (8m) Hand Held Vacuum Hose <i>With suction nozzle</i>	40	<b>\$2,050.00</b>
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MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
<b>SPRAY STAR 1110 SERIES</b>			
<i>Hydraulic Drive Spray Vehicle</i>			
<i>110-Gallon ( 416 L) capacity "Perfect Solution" elliptical polyethylene spray tank with lifetime guarantee</i>			
<i>High volume STAINLESS STEEL centrifugal spray pump</i>			
<i>23 hp (19 kw) gasoline engine</i>			
<i>Hydraulic Power Steering, Large Turf Tires</i>			
<i>Smithco Operator Protection Structure with seat belts.</i>			
<i>Choice of manual, electric or field computer spray control system</i>			
<i>O-ring seal threadless spray system, Self-cleaning strainer, Speedometer</i>			
<i>CE &amp; British Sprayer Standards compliant (Optional at extra cost)</i>			
<b>1102</b> (Formerly 1008)	<b>SPRAY STAR 1110</b> <i>TeeJet Radion 8140 flow based Field computer spray control system with GPS speed sensor. Motorized ball valves for boom section control.</i>	1260	<b>\$39,560.00</b>
<b>1104</b> (Formerly 1002)	<b>SPRAY STAR 1110</b> <i>Smithco-Teejet 744 Electric, Pressure-based. 3 Motorized Ball Valves for individual boom section control. GPS speed sensor.</i>	1260	<b>\$35,042.00</b>
<b>1101</b> (Formerly 1010)	<b>SPRAY STAR 1110</b> <i>Manual spray control system, Manual boom section control</i>	1260	<b>\$33,122.00</b>
<b>SMITHCO SUPER BOOM</b>			
<i>Triangular structure spray boom. Electric / hydraulic outer boom section fold / deploy. Triple nozzle body, suitable for use with all TeeJet Flat Fan &amp; Turbo TurfJet )Nozzles. One Flat Fan nozzle included. Additional Nozzles available at extra cost at time of order at additional cost.)</i>			
<b>16-601</b>	<b>15 ft / 4.5 m</b> , Spray Width, 9 nozzles. 20 in. (50 cm) nozzle spacing	200	<b>\$7,639.00</b>
<b>17-835</b>	<b>15 ft / 4.5 m</b> , Spray Width, 17 nozzles. 10 in. (25 cm) nozzle spacing	275	<b>\$7,639.00</b>
<b>17-585</b>	<b>18.5 ft / 5.5 m</b> , Spray Width, 11 nozzles. 20" (50 cm) spacing	275	<b>\$8,265.00</b>
<b>17-623</b>	<b>DRIFT REDUCTION BOOM SHIELD</b> f/17-585 only	50	<b>\$1,770.00</b>
<b>ACCESSORIES (DEALER INSTALLED)</b>			
<b>10-365</b>	Water Fill Meter (Gallons)	10	<b>\$529.00</b>
<b>10-370</b>	Water Fill Meter (Liters)	10	<b>\$529.00</b>
<b>10-740</b>	Foam Marker (dealer installed)	10	<b>\$1,460.00</b>
<b>10-417</b>	Smithco Safe-Fill chemical education-induction system	30	<b>\$1,915.00</b>
<b>10-653</b>	Fresh Water Wash Tank, front mount (dealer installed)	30	<b>\$329.00</b>
<b>10-422</b>	Hose Reel Mounting Kit (use with any Super Boom)	40	<b>\$396.00</b>
<b>15-835</b>	Tank Rinsing Device	2	<b>\$279.00</b>
<b>10-734</b>	Wash System 16 Gal (60 l.) with electric pump	30	<b>\$1,282.00</b>
<b>16-129</b>	Manual Rewind Hose Reel, 200-foot/61-meter capacity	43	<b>\$519.00</b>
<b>16-906</b>	Electric Rewind Hose Reel, 200-foot/61-meter capacity	62	<b>\$1,148.00</b>
<b>15-997</b>	CE Compliance Option. Also note: CE/British compliance requires #10-417 Smithco Safe Fill System at additional cost	20	<b>\$450.00</b>

(See page "15. Spray Accessories" for additional spray items)

Bid Term: 2/22/19 - 2/21/21; Extended to 2/21/22

# introducing: **Star Command 3.0**

MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
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**STAR COMMAND 1110 SERIES**

*Hydraulic drive spray vehicle. Prime-Mover & Tank Details on Page #6 "Spray Star 1110" with choice of Spray Systems*

- \*Automatic Field Computer Spray Control System (**Star Command I-a**), OR
- \*Automatic AEROS GPS Guided Field Spray Controller (**Star Command 3.0**)

1105	SPRAY STAR 1110 with <b>STAR COMMAND I SYSTEM</b> & 15 Foot (4.5m) Spray Boom	1480	\$57,458.00
1108	SPRAY STAR 1110 with <b>STAR COMMAND I SYSTEM</b> & 18.5 Foot (5.5m) Spray	1480	\$57,743.00

**MODELS 1115 & 1118 SPRAY CONTROL SYSTEM**

- Advanced Rate Control Field Computer (TeeJet® Radion® 8140)
- Exclusive Smithco-TeeJet Dyna-Jet Pulse Width Modulation System
- Pressure and droplet size control for maximum chemical efficacy at any application rate.
- Wide range of ground speed.
- Purpose-built spray boom with 2 nozzles and dual solenoid valves at each nozzle location
- 20" (50 ccm) Nozzle spacing.
- Motorized ball valves control each boom section

1115	SPRAY STAR 1110 with <b>STAR COMMAND 3.0 SYSTEM</b> & 15 Foot (4.5m) Spray Boom	1500	\$72,543.00
1118	SPRAY STAR 1110 with <b>STAR COMMAND 3.0 SYSTEM</b> & 18.5 Foot (5.5m) Spray Boom	1500	\$72,829.00

**MODELS 1115 & 1118 SPRAY CONTROL SYSTEM**

- Advanced precision Smithco-TeeJet Aeros® GPS Satellite guided Field Computer.
- Terra Star® Antenna for use with GS, WAAS & Glonass Satellites.
- Provides Deadly-Accurate position control and permanently retained mapping.
- Smithco-TeeJet DynaJet Pulse Width Modulation.
- Integral Smithco/TeeJet Dyna-Jet Pulse Width Modulation system
- Pressure & droplet size control for maximum chemical efficacy at any application rate
- Purpose built **STAR COMMAND 3.0** Spray Boom.
- 10 inch (25cm) Nozzle spacing for deadly uniform coverage
- Solenoid valve at each nozzle location for individual nozzle control
- Turn Compensation for accurate application across total spray width

**NOTICE MODELS 1115 & 1118 : ANNUAL SUBSCRIPTION REQUIRED** to activate Terra Star Antenna for use with GS, GPS & Glonass Satellite systems. Order 1 yr. or 3yr subscription (below). Contact Smithco (610)688-4009 or sales@smithco.com. to re-order annually by the product number (below) No subscription required for use with WAAS Satellites.

20-768-P	1 YEAR SUBSCRIPTION FOR TERRA STAR ANTENNA		\$1,150.00
20-727-P	3 YEAR SUBSCRIPTION FOR TERRA STAR ANTENNA		\$2,895.00

**OPTIONS FOR STAR COMMAND**

20-743	REAR VIEW CAMERA with mount, 20 ft/6 m. cable	10	\$565.00
20-777	CE Compliance Option Also note: CE/British compliance requires #20-503 Smithco Safe Fill System at additional cost	5	\$450.00

(See pages 6 & 15 for additional spray items)

MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
<b>SPRAY STAR 1200 SERIES</b>			
<b>Hydraulic Drive Spray Vehicle</b>			
<i>210-Gallon ( 795 L) capacity "Perfect Solution" elliptical polyethylene spray tank with lifetime guarantee</i>			
<i>35 hp (27 kW) 2 cylinder gasoline engine</i>			
<i>Hydraulic Power Steering, High-Floatation Turf Tires</i>			
<i>Smithco Operator Protection Structure with seat belts.</i>			
<i>High volume STAINLESS STEEL centrifugal spray pump</i>			
<i>Choice of manual, electric or field computer spray control system</i>			
<i>CE &amp; British Sprayer Standards compliant (Optional at extra cost)</i>			
<b>1202</b>	<b>SPRAY STAR 1200</b> <i>TeeJet Radion 8140 flow based Field computer spray control system with GPS speed sensor. Motorized ball valves for boom section control.</i>	1825	<b>\$41,113.00</b>
<b>1204</b>	<b>SPRAY STAR 1200</b> <i>Smithco-Teejet 744 Electric, Pressure-based. 3 Motorized Ball Valves for individual boom section control. GPS speed sensor.</i>	1825	<b>\$35,558.00</b>
<b>1201</b>	<b>SPRAY STAR 1200</b> <i>Manual spray control system, Manual boom section control. GPS speed sensor.</i>	1825	<b>\$34,555.00</b>
<b>SMITHCO SUPER BOOM</b>			
<i>Triangular structure spray boom. Electric / hydraulic outer boom section fold / deploy. Triple nozzle body, suitable for use with all TeeJet Flat Fan &amp; Turbo TurfJet )Nozzles. One Flat Fan nozzle included. Additional Nozzles available at extra cost at time of order at additional cost.)</i>			
<b>17-601</b>	<i>15 ft / 4.5 m, Spray Width, 9 nozzles. 20 in. (50 cm) nozzle spacing</i>	200	<b>\$7,639.00</b>
<b>17-585</b>	<i>18.5 ft / 5.5 m, Spray Width, 11 nozzles. 20" (50 cm) spacing</i>	275	<b>\$8,265.00</b>
<b>17-580</b>	<i>20 ft / 6 m, Spray Width, 12 nozzles. 20" (50 cm) spacing</i>	290	<b>\$8,265.00</b>
<b>17-622</b>	<b>DRIFT REDUCTION BOOM SHIELD f/17-585 only</b>	50	<b>\$1,770.00</b>
<b>SPRAY STAR 1200 ACCESSORIES (DEALER INSTALLED)</b>			
<b>15-619</b>	Smithco Safe-Fill chemical education-induction system for 1200	30	<b>\$2,452.00</b>
<b>15-835</b>	Tank Rinsing Device	2	<b>\$279.00</b>
<b>10-740</b>	Foam Marker (dealer installed)	10	<b>\$1,820.00</b>
<b>15-967</b>	Hose Reel Mounting Kit (use with any Super Boom)	20	<b>\$669.00</b>
<b>15-968</b>	Wash System 20 Gal (76 l.) with electric pump	30	<b>\$1,416.00</b>
<b>16-129</b>	Manual Rewind Hose Reel, 200-foot/61-meter capacity	43	<b>\$656.00</b>
<b>16-906</b>	Electric Rewind Hose Reel, 200-foot/61-meter capacity	62	<b>\$1,428.00</b>
<b>17-506</b>	Fresh Water Wash Tank, front mount (dealer installed)	30	<b>\$450.00</b>
<b>17-590</b>	Sonar Boom Kit for 17-585 & 17-580 Super Booms <b>NOTE:</b> When installing the Sonar Boom (17-607) on a unit NOT equipped with a foam marker, Order Mount Kit #17-596, no charge	30	<b>\$6,429.00</b>
<b>20-815</b>	Water Fill Meter (Gallons)	10	<b>\$529.00</b>
<b>20-816</b>	Water Fill Meter (Liters)	10	<b>\$529.00</b>
<b>15-977</b>	CE Compliance Option. Also note: CE/British compliance requires #15-619 Smithco Safe Fill System at additional cost	10	<b>\$450.00</b>

# introducing: **Star Command 3.0**

MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
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**Hydraulic drive spray vehicle. Prime-Mover & Tank Details on Page #8 "Spray Star 1200" with choice of Spray Systems**

- \*Automatic Field Computer Spray Control System (**Star Command I**), OR
- \*Automatic AEROS GPS Guided Field Spray Controller (**Star Command 3.0**)

1207	SPRAY STAR 1200 with <b>STAR COMMAND I SYSTEM</b> & 20 ft. (6 m) Spray Boom	1,825	<b>\$54,832.00</b>
1208	SPRAY STAR 1200 with <b>STAR COMMAND I SYSTEM</b> & 18 ft. (5.5 m) Spray Boom	1,825	<b>\$53,975.00</b>

**MODELS 1207 & 1208 SPRAY CONTROL SYSTEM**

Advanced Rate Control Field Computer (TeeJet® Radion© 8140)  
 Exclusive Smithco-TeeJet **Dyna-Jet** Pulse Width Modulation System  
 Pressure and droplet size control for maximum chemical efficacy at any application rate.  
 Wide range of ground speed.  
 Purpose-built spray boom with 2 nozzles and dual solenoid valves at each nozzle location  
 20" (50 ccm) Nozzle spacing.  
 Motorized ball valves control each boom section

1215	SPRAY STAR 1200 with <b>STAR COMMAND 3.0 SYSTEM</b> & 15 Foot (4.5m) Spray Boom	1500	<b>\$70,263.00</b>
1218	SPRAY STAR 1200 with <b>STAR COMMAND 3.0 SYSTEM</b> & 18.5 Foot (5.5m) Spray Boom	1500	<b>\$71,120.00</b>
1220	SPRAY STAR 1200 with <b>STAR COMMAND 3.0 SYSTEM</b> & 20 Foot (6m) Spray Boom	1500	<b>\$71,978.00</b>

**MODELS 1215, 1218 & 1220 SPRAY CONTROL SYSTEM**

**Advanced precision Smithco-TeeJet Aeros® GPS Satellite guided Field Computer.**  
 Terra Star® Antenna for use with GS, WAAS & Glonass Satellites.  
 Provides Sub-2 in (5 cm) position control and permanently retained mapping.  
 Smithco-TeeJet DynaJet Pulse Width Modulation.  
 Integral Smithco/TeeJet Dyna-Jet Pulse Width Modulation system  
 Pressure & droplet size control for maximum chemical efficacy at any application rate  
 Purpose built **STAR COMMAND 3.0** Spray Boom.  
 10 inch (25cm) Nozzle spacing for deadlly uniform coverage  
 Solenoid valve at each nozzle location for individual nozzle control  
 Turn Compensation for accurate application across total spray width

**NOTICE MODELS 1215, 1218 & 1220 : ANNUAL SUBSCRIPTION REQUIRED** to activate Terra Star Antenna for use with GS, GPS & Glonass Satellite systems. Order 1 yr. or 3 yr subscription (below). Contact Smithco (610)688-4009 or sales@smithco.com. to re-order annually by the product number (below) No subscription required for use with WAAS Satellites.

20-768-P	1 YEAR SUBSCRIPTION FOR TERRA STAR ANTENNA		<b>\$1,150.00</b>
20-727-P	3 YEAR SUBSCRIPTION FOR TERRA STAR ANTENNA		<b>\$2,895.00</b>

**OPTIONS FOR STAR COMMAND**

20-743	REAR VIEW CAMERA with mount, 20 ft/6 m. cable	10	<b>\$565.00</b>
15-977	CE Compliance Option Also note: CE/British compliance requires #20-503 Smithco Safe Fill System at additional cost	5	<b>\$450.00</b>

(See pages 10 & 15 for additional spray items)

Bid Term: 2/22/19 - 2/21/21; Extended to 2/21/22

MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
<b>SPRAY STAR 2000 SERIES</b>			
<b>Hydraulic drive spray vehicle</b>			
<i>200-Gallon (757 L) capacity "Perfect Solution" Ultra-Low-Profile fiber re-enforced polystyrene spray tank)</i>			
<i>2 cylinder, 35hp / 27 kW, gasoline engine -or- 1.12 L, liquid cooled Kubota Diesel engine.</i>			
<i>Hydraulic power steering. High flotation turf tires</i>			
<i>Smithco Engineered Operator Protection Structure with seat belts.</i>			
<i>Ultra high volume STAINLESS STEEL centrifugal spray pump.</i>			
<i>Choice of electric or field computer spray control system</i>			
<i>CE &amp; British Sprayer Standards compliant (Optional at extra cost)</i>			
<b>2002</b>	<b>SPRAY STAR 2000</b>	1980	<b>\$48,856.00</b>
	<i>TeeJet Radion 8140 flow based Field computer spray control system with GPS speed sensor. Motorized ball valves for boom section control.</i>		
<b>2002D</b>	<b>Same as above except 3 cylinder, 25hp/18.5 kW, Diesel engine power</b>	2090	<b>\$55,999.00</b>
<b>2004</b>	<b>SPRAY STAR 2000</b>	1980	<b>\$44,778.00</b>
	<i>Smithco-Teejet 744 Electric, Pressure-based. 3 Motorized Ball Valves for individual boom section control. GPS speed sensor.</i>		
<b>2004D</b>	<b>Same as above except 3 cylinder, 25hp/18.5 kW, Diesel engine power</b>	2090	<b>\$51,920.00</b>
<b>SMITHCO SUPER BOOM</b>			
<i>Triangular structure spray boom. Electric / hydraulic outer boom section fold / deploy. Triple nozzle body, suitable for use with all TeeJet Flat Fan &amp; Turbo TurfJet )Nozzles. One Flat Fan nozzle included. Additional Nozzles available at extra cost at time of order at additional cost.)</i>			
<b>17-585</b>	<b>18.5 ft / 5.5 m</b> , Spray Width, 11 nozzles. 20" (50 cm) spacing	275	<b>\$7,639.00</b>
<b>17-580</b>	<b>20 ft / 6 m</b> , Spray Width, 12 nozzles. 20" (50 cm) spacing	290	<b>\$8,265.00</b>
<b>17-622</b>	<b>DRIFT REDUCTION BOOM SHIELD</b> f/17-585 only	50	<b>\$1,770.00</b>
<b>ACCESSORIES (DEALER INSTALLED)</b>			
<b>14-515</b>	Water Fill Meter (Gallons)	10	<b>\$529.00</b>
<b>15-618</b>	Water Fill Meter (Liters)	10	<b>\$529.00</b>
<b>15-835</b>	Tank Rinsing Device	2	<b>\$279.00</b>
<b>17-590</b>	Sonar Boom Kit for 17-585 & 17-580 Super Booms	30	<b>\$6,429.00</b>
<b>20-503</b>	Smithco Safe-Fill chemical education-induction system	30	<b>\$2,485.00</b>
<b>20-760</b>	Wash System 26 Gal (98 l.) with electric pump	30	<b>\$1,416.00</b>
<b>30-004</b>	Foam Marker	30	<b>\$1,820.00</b>
<b>30-006</b>	Fresh Water Wash Tank (dealer installed)	30	<b>\$455.00</b>
<b>30-009</b>	manual rewind hose reel, 200-foot/61-meter capacity + mounting	43	<b>\$890.00</b>
<b>30-010</b>	Electric Rewind Hose Reel, 200-foot/61-meter capacity + mount	62	<b>\$1,670.00</b>
<b>31-004</b>	All-weather Top f/ Spray Star 2000, 3180 ( fiberglass)	70	<b>\$1,179.00</b>
<b>20-504</b>	CE Compliance Option Also note: CE/British compliance requires #20-503 Smithco Safe Fill System at additional cost	5	<b>\$450.00</b>

(See page 15 for additional spray items)



# introducing: Star Command 3.0

MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
<b>STAR COMMAND 2000 SERIES</b>			

*Hydraulic drive spray vehicle. Prime-Mover & Tank Details on Page #10 "Spray Star 2000" with choice of Spray Systems*

*\*Automatic Field Computer Spray Control System (Star Command I), OR*

*\*Automatic Aeros GPS Guided Field Spray Controller (Star Command 3.0)*

2007-G	SPRAY STAR 2000 with <b>STAR COMMAND I SYSTEM</b> & 20 Foot (6 m) Spray Boom	2380	\$64,305.00
2007-D	Same as Model 2007-G (above) except 3 cylinder, 25hp/18.5 kW, Kubota Diesel engine power	2,480	\$71,448.00
2008-G	SPRAY STAR 2000 with <b>STAR COMMAND I SYSTEM</b> & 18.5 Foot (5.5m) Spray Boom	2,380	\$63,448.00
2008-D	Same as Model 2008-G (above) except 3 cylinder, 25hp/18.5 kW, Kubota Diesel engine power	2,480	\$70,590.00

#### MODELS 2007 & 2008 SPRAY CONTROL SYSTEM

*Advanced Rate Control Field Computer (TeeJet® Radion® 8140)  
Exclusive Smithco-TeeJet **Dyna-Jet** Pulse Width Modulation System  
Pressure and droplet size control for maximum chemical efficacy at any application rate.  
Wide range of ground speed.  
Purpose-built spray boom with 2 nozzles and dual solenoid valves at each nozzle location  
20" (50 ccm) Nozzle spacing.  
Motorized ball valves control each boom section*

2005-G	SPRAY STAR 2000 with <b>star command 3.0 system</b> & 18.5 Foot (5.5m) Spray Boom (Gasoline engine power)	2,380	\$79,105.00
2005-D	Same as 2005 (above), except 3 cylinder, 25hp/18.5 kW, Kubota Diesel engine power	2,480	\$86,248.00
2006-G	SPRAY STAR 2000 with <b>star command 3.0 system</b> & 20 Foot (6 m) Spray Boom	2,380	\$79,962.00
2006-D	Same as 2006-G (above) except 3 cylinder, 25hp/18.5 kW, Kubota Diesel engine power	2,480	\$87,105.00

#### MODELS 2005 & 2006 SPRAY CONTROL SYSTEM

**Advanced precision Smithco-TeeJet Aeros® GPS Satellite guided Field Computer.**

*Terra Star® Antenna for use with GS, WAAS & Glonass Satellites.  
Provides Sub-2 in (5 cm) position control and permanently retained mapping.  
Smithco-TeeJet DynaJet Pulse Width Modulation.  
Integral Smithco/TeeJet Dyna-Jet Pulse Width Modulation system  
Pressure & droplet size control for maximum chemical efficacy at any application rate  
Purpose built **STAR COMMAND 3.0** Spray Boom.  
10 inch (25cm) Nozzle spacing for deadly uniform coverage  
Solenoid valve at each nozzle location for individual nozzle control  
Turn Compensation for accurate application across total spray width*

**NOTICE MODELS 2005-G/D & 2006-G/D :** ANNUAL SUBSCRIPTION REQUIRED to activate Terra Star Antenna for use with GS, GPS & Glonass Satellite systems. Order 1 yr. or 3 yr. subscription (below). Contact Smithco (610)688-4009 or sales@smithco.com. to re-order annually by the product number (below) No subscription required for use with WAAS Satellites.

<b>20-768-P</b>	<b>1 YEAR SUBSCRIPTION FOR TERRA STAR ANTENNA</b>	<b>\$1,150.00</b>
<b>20-777-P</b>	<b>3 YEAR SUBSCRIPTION FOR TERRA STAR ANTENNA</b>	<b>\$2,895.00</b>

#### OPTIONS FOR STAR COMMAND

30-319-A	FIELD PILOT AUTO-STEER system (for models: 2005; 2005D; 2006; 2006D only)	40	\$7,572.00
20-743-A	REAR VIEW CAMERA with mount, 20 ft/6 m. cable	10	\$565.00
20-504	CE Compliance Option Also note: CE/British compliance requires #20-503 Smithco Safe Fill System at additional cost	5	\$450.00

(See pages 10 & 15 for additional spray items)

Bid Term: 2/22/19 - 2/21/21; Extended to 2/21/22

MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
<b>SPRAY STAR 3180 SERIES</b>			
<b>Hydraulic drive spray vehicle with</b>			
318-Gallon (1,202 L) capacity "Perfect Solution"			
Ultra-Low-Profile fiber re-enforced polystyrene spray tank			
Kubota Gasoline 4 cylinder, Liquid cooled, engine.			
Hydraulic Power Steering. High floatation turf tires.			
Ultra high-volume STAINLESS STEEL centrifugal spray pump.			
Choice of electric or computer spray control system.			
Smithco Operator Protection Structure with Seat belts.			
CE and British Sprayer Standards compliant (Optional at extra cost.)			
<b>3180</b>	<b>SPRAY STAR BASE UNIT / PRIME MOVER ONLY</b>	2000	<b>\$65,396.00</b>
	<i>Includes prime-mover, spray-tank &amp; spray-pump only (no spray control system or spray boom.) No suitability to task guaranty or warranty on any item not supplied by Smithco is expressed or implied)</i>		
<b>3182</b>	<b>SPRAY STAR 3180</b>	2350	<b>\$77,422.00</b>
	<i>TeeJet Radion 8140 flow based Field computer spray control system with GPS speed sensor. Motorized ball valves for boom section control.</i>		
<b>3184</b>	<b>SPRAY STAR 3180</b>	2350	<b>\$72,858.00</b>
	<i>Smithco-Teejet 744 Electric, Pressure-based. 3 Motorized Ball Valves for individual boom section control. GPS speed sensor.</i>		
<b>SMITHCO SUPER BOOM</b>			
<b>17-585</b>	<b>18.5 ft / 5.5 m</b> , Spray width, 11 nozzles. 20" (50 cm) spacing	275	<b>\$7,639.00</b>
<b>17-580</b>	<b>20 ft / 6 m</b> , Spray Width, 12 nozzles. 20" (50 cm) spacing	290	<b>\$8,265.00</b>
<b>17-622</b>	<b>DRIFT REDUCTION BOOM SHIELD</b> f/17-585 only	50	<b>\$1,770.00</b>
<b>SPRAY STAR 3180 ACCESSORIES</b>			
<b>14-515</b>	Water Fill Meter (Gallons)	10	<b>\$529.00</b>
<b>15-618</b>	Water Fill Meter (Liters)	10	<b>\$529.00</b>
<b>15-835</b>	Tank Rinsing Device	2	<b>\$279.00</b>
<b>17-590</b>	Sonar Boom Kit for 17-585 & 17-580 Super Booms	30	<b>\$6,429.00</b>
<b>30-006</b>	Fresh Water Wash Tank (dealer installed)	30	<b>\$455.00</b>
<b>30-007</b>	Smithco Safe-Fill chemical education-induction system	30	<b>\$2,485.00</b>
<b>30-009</b>	Manual Rewind Hose Reel, 200-foot/61-meter capacity + mounting	43	<b>\$899.00</b>
<b>30-010</b>	Electric Rewind Hose Reel, 200-foot/61-meter capacity + mount	62	<b>\$1,669.00</b>
<b>30-350</b>	Wash System 26 Gal (98 l.) with electric pump	30	<b>\$1,429.00</b>
<b>30-375</b>	Foam Marker (Dealer installed)	30	<b>\$1,820.00</b>
<b>31-004</b>	All-weather Top f/ Spray Star 2000, 3180 ( fiberglass)	70	<b>\$1,179.00</b>
<b>30-015</b>	CE Compliance Option Also note: CE/British compliance requires #30-007 Smithco Safe Fill System at additional cost	5	<b>\$450.00</b>

(See page 15 for additional spray items)



# introducing: **Star Command 3.0**

MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
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**Hydraulic drive spray vehicle. Prime-Mover & Tank Details on Page #12 "Spray Star 3180", with choice of Spray Systems (below)**

**\*Automatic Field Computer Spray Control System (Star Command I), OR**

**\*Automatic Aeros GPS Sattelite Guided Field Spray Controller (Star Command 3.0)**

3185-A	SPRAY STAR 3180 with <b>star command 3.0 system</b> & 18.5 Foot (5.5m) Spray Boom	2380	\$109,268.00
3186-A	SPRAY STAR 3180 with <b>star command 3.0 system</b> & 20 Foot (6 m) Spray Boom	2380	\$110,125.00

## MODELS 3185 & 3186 SPRAY CONTROL SYSTEM

**Advanced precision Smithco-TeeJet Aeros® GPS Satellite guided Field Computer.**

*Terra Star® Antenna for use with GS, WAAS & Glonass Satellites.*

*Provides Sub-2 in (5 cm) position control and permanently retained mapping.*

*Smithco-TeeJet DynaJet Pulse Width Modulation.*

*Integral Smithco/TeeJet Dyna-Jet Pulse Width Modulation system*

*Pressure & droplet size control for maximum chemical efficacy at any application rate*

*Purpose built STAR COMMAND 3.0 Spray Boom.*

*10 inch (25cm) Nozzle spacing for deadly uniform coverage*

*Solenoid valve at each nozzle location for individual nozzle control*

*Turn Compensation for accurate application across total spray width*

**NOTICE MODELS 3185 & 3186 : ANNUAL SUBSCRIPTION REQUIRED** to activate Terra Star Antenna for use with GS, GPS & Glonass Satellite systems. Order 1 yr. or 3 yr subscription (below). Contact Smithco (610)688-4009 or sales@smithco.com. to re-order annually by the product number (below) No subscription required for use with WAAS Satellites.

20-768-P	1 YEAR SUBSCRIPTION FOR TERRA STAR ANTENNA		\$1,150.00
20-777-P	3 YEAR SUBSCRIPTION FOR TERRA STAR ANTENNA		\$2,895.00

3187-A	SPRAY STAR 3180 with <b>STAR COMMAND I SYSTEM</b> & 20 Foot (6m) Spray Boom	2380	\$94,910.00
3188-A	SPRAY STAR 3180 with <b>STAR COMMAND I SYSTEM</b> & 18.5 Foot (5.5m) Spray Boom	2380	\$94,053.00

## MODELS 3187 & 3188 SPRAY CONTROL SYSTEM

*Advanced Rate Control Field Computer (TeeJet® Radion® 8140)*

*Exclusive Smithco-TeeJet **Dyna-Jet** Pulse Width Modulation System*

*Pressure and droplet size control for maximum chemical efficacy at any application rate.*

*Wide range of ground speed.*

*Purpose-built spray boom with 2 nozzles and dual solenoid valves at each nozzle location*

*20" (50 ccm) Nozzle spacing.*

*Motorized ball valves control each boom section*

## OPTIONS FOR STAR COMMAND

30-319-A	FIELD PILOT AUTO-STEER system (for models: 3185; 3186 only)	40	\$7,572.00
20-743-A	REAR VIEW CAMERA with mount, 20 ft/6 m. cable	10	\$565.00
30-015K	<b>CE Compliance Option Also note: CE/British compliance requires #30-007 Smithco Safe Fill System at additional cost</b>	5	\$450.00

# introducing: Star Command 3.0

MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
<b>SPRAY STAR &amp; STAR COMMAND 5200 SERIES DEDICATED SPRAY VEHICLE</b>			

**VEHICLE PRIME MOVER**

4 Wheel, Hydraulic drive spray vehicle w/power steering  
 87 HP / 65 kW, Gasoline 4 cylinder, Direct Injection Kubota Liquid cooled, engine.  
 Hydraulic Power Steering with the largest tires on any turf vehicle  
 Smithco Operator Protection Structure with seat belts.

**SPRAY COMPONENT**

520-Gallon (1,970 L) capacity "Perfect Solution" Ultra-Low-Profile fiber re-enforced polystyrene spray tank)  
 Ultra High Volume & High Pressure 4 STAGE STAINLESS STEEL centrifugal spray pump.  
 Maximum volume 160 GPM / 606 LPM. Maximum Pressure 160 PSI / 11 bar. High Pressure for hand-gun or "walking boom" operation  
 CE & British Spraver Standards compliant (Optional at extra cost)

**CHOICE OF SPRAY CONTROL SYSTEMS**

**\*(Optional) TeeJet® Radion 8140 Field Computer.**  
**\*(Optional) Smithco Star Command 1 System.** TeeJet®. Radion 8140 Field Computer plus SMITHCO / TEEJET DYNA-JET® Pulse  
**\*(Optional) STAR COMMAND 3.0 SYSTEM.** Smithco-TeeJet Aeros® GPS Sattelite Guided Field Spray Controller,

**STANDARD SPRAY STAR 5200**

5220	SPRAY STAR 5200 <i>TeeJet Radion 8140 flow based Field computer spray control system. Motorized ball valves for boom section control. 20 ft (6 m) Spray Boom</i>	3380	\$111,439.00
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**STAR COMMAND 5200**

5286	SPRAY STAR 5200 - STAR COMMAND I SYSTEM - 20 Foot (6 m) Spray	3380	\$118,412.00
5288	SPRAY STAR 5200 - STAR COMMAND I SYSTEM - 24 Foot (7.3 m) Spray	3380	\$119,269.00

**MODEL 5286 & 5288 SPRAY CONTROL SYSTEM:**

Advanced Rate Control Field Computer (TeeJet® Radion® 8140)  
 Exclusive Smithco-TeeJet Dyna-Jet Pulse Width Modulation System  
 Pressure and droplet size control for maximum chemical efficacy at any application rate.  
 Wide range of ground speed.  
 Purpose-built spray boom with 2 nozzles and dual solenoid valves at each nozzle location  
 20" (50 ccm) Nozzle spacing.  
 Motorized ball valves control each boom section

5285	SPRAY STAR 5200 - STAR COMMAND 3.0 SYSTEM - 20 Foot (6 m) Spray	3380	\$133,465.00
5287	SPRAY STAR 5200 - STAR COMMAND 3.0 SYSTEM - 24 Foot (7.3 m)	3380	\$134,893.00

**MODELS 5285 & 5287 SPRAY CONTROL SYSTEM**

Advanced precision Smithco-TeeJet Aeros® GPS Satellite guided Field Computer.

Terra Star® Antenna for use with GS, WAAS & Glonass Satellites.  
 Provides Sub-2 in (5 cm) position control and permanently retained mapping.  
 Smithco-TeeJet DynaJet Pulse Width Modulation.  
 Integral Smithco/TeeJet Dyna-Jet Pulse Width Modulation system  
 Pressure & droplet size control for maximum chemical efficacy at any application rate  
 Purpose built STAR COMMAND 3.0 Spray Boom.  
 10 inch (25cm) Nozzle spacing for deadly uniform coverage  
 Solenoid valve at each nozzle location for individual nozzle control  
 Turn Compensation for accurate application across total spray width

**NOTICE MODELS 5285 & 5286 :** ANNUAL SUBSCRIPTION REQUIRED to activate Terra Star Antenna for use with GS, GPS & Glonass Satellite systems. Order 1 yr. or 3 yr subscription (below). Contact Smithco (610)688-4009 or sales@smithco.com. to re-order annually by the product number (below) No subscription required for use with WAAS Satellites.

20-777- 1 YEAR SUBSCRIPTION FOR TERRA STAR ANTENNA	\$1,150.00
20-768- 3 YEAR SUBSCRIPTION FOR TERRA STAR ANTENNA	\$2,895.00

**SPRAY STAR 5200 & STAR COMMAND ACCESSORIES (DEALER INSTALLED)**

30-319-	Field-Pilot Auto Steer system (for models: 5285; 5287 only)	40	\$7,280.00
20-743-	Rear View Camera with mount, 20 ft/6 m. cable	10	\$542.00
14-515	Water Fill Meter (Gallons)	10	\$529.00
15-618	Water Fill Meter (Liters)	10	\$529.00
30-006	Fresh Water Wash Tank (dealer installed)	30	\$455.00
32-508	Foam Marker (Dealer installed)	30	\$1,839.00
32-512	Smithco Safe-Fill chemical education-induction system	30	\$2,485.00
30-004	Foam Marker (Dealer installed)	30	\$1,820.00
30-006	Fresh Water Wash Tank (dealer installed)	30	\$455.00
32-509	Manual Rewind Hose Reel, 200-foot/61-meter capacity + mounting	43	\$899.00
32-510	Electric Rewind Hose Reel, 200-foot/61-meter capacity + mount	62	\$1,669.00
32-511	Wash System 50 Gal (189 l.) with electric pump	30	T.B.D.

(See page 15 for additional spray items)

MODEL NUMBER	DESCRIPTION	SHIP WT.	DEALER NET PRICE	SUGGESTED LIST PRICE
<b>SPRAY ACCESSORIES FOR ALL SMITHCO SPRAY STARS AND SPRAYERS</b>				

**5/8" ID Pressure Hose Kits**

<b>15-866</b>	50 ft. Hose with male/female GHT fittings installed	25	<b>\$ 193.00</b>	<b>\$276.00</b>
<b>15-867</b>	100 ft Hose with male/female GHT fittings installed	50	<b>\$ 348.00</b>	<b>\$498.00</b>
<b>15-868</b>	200 ft Hose with male/female GHT fittings installed	100	<b>\$ 580.00</b>	<b>\$829.00</b>

**SPRAY GUNS**

<b>15-647</b>	Pistol Grip JD9 Gun	4	<b>\$ 329.00</b>	<b>\$470.00</b>
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MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
<b>TOURNAMENT GREENS ROLLERS</b>			
<b>7000</b>	<b>TOURNAMENT XXL 7000 ULTRA-WIDE GREENS ROLLER</b> <i>70 inch / 178 cm Rolling Width, 16hp (12 Kw) Vanguard OHV gasoline engine, TRIPLE hydraulic DIRECT drive to rollers, HD Transport Trailer #7525 Included (see below), Battery not included</i>	1605	<b>\$25,080.00</b>
<b>7580</b>	<b>TOURNAMENT ULTRA GREENS ROLLER</b> <i>16hp (12 KW) Vanguard OHV gasoline engine with #7520 trailer, dual control cables, DUAL hydraulic direct drive rollers, battery not included.</i>	980	<b>\$21,542.00</b>
<b>7590</b>	<b>TOURNAMENT ULTRA PLUS GREENS ROLLER</b> <i>All the features of the ULTRA ROLLER (Above) PLUS Hydraulic Power Steering</i>	930	<b>\$24,312.00</b>
<b>7576</b>	<b>TOURNAMENT ULTRA LITE GREENS ROLLER</b> <i>8hp (6.5 kW) Honda commercial 12volt electric start engine with Trailer, Dual Pedal Control, Direct drive to rollers. CE Compliant.</i>	780	<b>\$17,665.00</b>

<b>OPTIONS &amp; ACCESSORIES FOR GREENS ROLLERS</b>			
<b>7520</b>	<b>EXTRA / REPLACEMENT TRANSPORT TRAILER</b> for Models 7580, 7590, 7576	530	\$3,220.00
<b>7512</b>	<b>GREENS SPIKER ATTACHMENT</b> For 7590 Tournament Ultra PLUS 2012 & Earlier. For 7590, 7580 & 7575	36	\$2,179.00
<b>7514</b>	<b>BRUSH KIT (2 Brushes)</b> For 7580 Ultra, 7575 & 7590 Ultra Plus Greens rollers ONLY.	50	\$1,029.00
<b>7513</b>	<b>BRUSH KIT</b> For 7000 XXL Roller	57	\$1,258.00
<b>7525</b>	<b>HD TRANSPORT TRAILER</b> for Roller Model 7000 with Clevia Hitch	530	\$4,173.00
<b>750-450</b>	<b>Light Kit f/7580, 7590, 7000 ULTRA greensrollers</b>	7	\$286.00
<b>750-555</b>	<b>Light Kit f/7575 ULTRA greensrollers</b>	6	\$286.00
<b>750-939</b>	<b>CE COMPLIANCE F/7580, 7590</b>	6	\$275.00
<b>750-940</b>	<b>CE COMPLIANCE F/7000</b>	8	\$276.00

## FAIRWAY ROLLERS

### 10 FOOT (3 m) MODELS

<b>12-500-B</b>	<b>FAIRWAY ULTRA-10-SC Fairway Roller</b> <i>10 FT.(3 m) wide, self-contained fairway roller with integrated electric / hydraulic power system to fold wing rollers &amp; lift / lower for transport, 100 gallon (379 L) ballast tank, battery charge cable, roller scrapers (battery not included)</i>	1675	<b>\$15,038.00</b>
<b>12-501-B</b>	<b>FAIRWAY ULTRA-10-TV Fairway Roller</b> <i>10 FT.(3 m) wide fairway roller, electric / hydraulic power system to fold wing rollers. 100 Gallon (379 L) ballast tank. Hydraulic power for transport lift / lower supplied by tow vehicle (couplers not included). Roller Scrapers</i>	1900	<b>\$12,999.00</b>
<b>12-502</b>	<b>SPIKER REELS</b> (for 12-500, 12-501)	200	\$1,665.00
<b>12-503</b>	<b>FOAM MARKER</b> (Dealer installed for 12-500, 12-501)	30	\$1,750.00

### 15 FT (4,5 m) MODEL

<b>12-750</b>	<b>FAIRWAY ULTRA 15-SC Fairway Roller</b> <i>15 Ft (4.5 meter) wide, self-contained 5-GANG fairway roller with integrated electric / hydraulic power system to fold wing rollers &amp; lift / lower for transport, 150 gallon (570 L.) ballast tank, battery charge cable, roller scrapers (battery not included)</i>	2100	<b>\$18,572.00</b>
<b>12-751</b>	<b>FOAM MARKER</b> (Dealer installed for 12-750)	30	\$1,750.00

Bid Term: 2/22/19 - 2/21/21; Extended to 2/21/22

MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
<b>SMITHCO Aer-8 AERIFIER</b>			
<b>ROLLING AERATION TAKEN TO A NEW LEVEL...</b> <i>The Smithco Aer-8 Rolling Aerator Includes Electrically Welded high strength agricultural steel frame &amp; horizontal water ballast tank. Choice of 60" (153 cm) or 78" (198 cm) aeration width. (Optional conversion to wheel-mounted pull-type available)</i>			
<b>STEP #1, Choose aeration width by selecting one base unit</b>			
<i>Base Units include frame, ballast tank, storage stands</i>			
<b>AER8-600</b>	<b>60" (153cm) Base Unit</b>	727	<b>\$2,599.00</b>
<b>AER8-780</b>	<b>78" (198 cm) Base Unit</b>	827	<b>\$2,932.00</b>
<b>STEP #2, Choose how your unit will be operated &amp; transported</b>			
<b>AER8-004</b>	<b>Tractor Mounted 3-point hitch carrier</b> ( <i>attatches to AER8-600 or AER8-780</i> )	90	<b>\$1,069.00</b>
<b>AER8-001</b>	<b>Transport Frame Assembly</b> , <i>hydraulically operated to convert 3pt. Hitch Aer-8 models to wheel mounted pull-type aerifier (Includes bolt-on frame, axle, wheels, tires, drawbar, pin hitch, jackstand &amp; hydraulic lift cylinder) NOTE: If AER8-001 is selected, you Must select one of #AER8-002 or #AER8-003 (below) in order to lift/lower aerifier</i>	250	<b>\$2,213.00</b>
<b>AER8-002</b>	<b>Electric/Hydraulic Lift System</b> for AER8-001 ( <i>NOTE: INCLUDES complete 12 volt charging system to connect to tow vehicle electric power, battery not included</i> )	125	<b>\$2,102.00</b>
<b>AER8-003</b>	<b>Hydraulic hose kit</b> to connect Aer-8 to tow vehicle hydraulic system. <i>NOTE: Hydraulic quick couplers to connect to tow vehicle are Dealer Supplied</i>	10	<b>\$486.00</b>
<b>STEP #3, Choose the reel assemblies which contain the aerification tines best suited to your needs. (Note that complete reel assemblies are quick and easy to change from one style to another so you should have multiple reels on hand to meet your various applications)</b>			
<b>AER8-60R601</b>	<b>60" (153 cm) Tine Reel Assembly (Fits all 60"/153cm Aer-8)</b>	332	<b>\$4,366.00</b>
<b>AER8-60R602</b>	<b>60" (153 cm) Tine Reel Assembly (Fits all 60"/153cm Aer-8)</b>	285	<b>\$3,399.00</b>
<b>AER8-60R603</b>	<b>60" (153 cm) Tine Reel Assembly (Fits all 60"/153cm Aer-8)</b> <b>"All-Star" Sports Field Tines (5" / 13 cm spacing)</b>	284	<b>\$4,335.00</b>
<b>AER8-60R604</b>	<b>60" (153 cm) Tine Reel Assembly (Fits all 60"/153cm Aer-8)</b>	237	<b>\$3,399.00</b>

**"All-Star" Sports Field Tines (7.5" / 19 cm spacing)**

<b>AER8-60R605</b>	<b>60" (153 cm) Tine Reel Assembly (Fits all 60"/153cm Aer-8) "Aerfine" Thin Blade Tines (3" / 8 cm spacing)</b>	300	<b>\$5,153.00</b>
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**SMITHCO Aer-8 AERIFIER (Continued)**

MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
<b>AER8-60R606</b>	<b>60" (153 cm) Tine Reel Assembly (Fits all 60"/153cm Aer-8) "Aerfine" Thin Blade Tines (5" / 13 cm spacing)</b>	228	<b>\$3,949.00</b>
<b>AER8-60R607</b>	<b>60" (153 cm) Tine Reel Assembly (Fits all 60"/153cm Aer-8) 3/4" (1.9 cm) Coring Tines</b>	117	<b>\$4,802.00</b>
<b>AER8-78R781</b>	<b>78" (198 cm) Tine Reel Assembly (Fits all 78"/198 cm Aer-8) "Turf Quake" Fracture Tines (5" / 13 cm spacing)</b>	500	<b>\$5,613.00</b>
<b>AER8-78R782</b>	<b>78" (198 cm) Tine Reel Assembly (Fits all 78"/198 cm Aer-8) "Turf Quake" Fracture Tines (7.5" / 19 cm spacing)</b>	357	<b>\$4,120.00</b>
<b>AER8-78R783</b>	<b>78" (198 cm) Tine Reel Assembly (Fits all 78"/198 cm Aer-8) "All-Star" Sports Field Tines (5" / 13 cm spacing)</b>	369	<b>\$5,613.00</b>
<b>AER8-78R784</b>	<b>78" (198 cm) Tine Reel Assembly (Fits all 78"/198 cm Aer-8) "All-Star" Sports Field Tines (7.5" / 19 cm spacing)</b>	307	<b>\$4,036.00</b>
<b>AER8-78R785</b>	<b>78" (198 cm) Tine Reel Assembly (Fits all 78"/198 cm Aer-8) "Aerfine" Thin Blade Tines (3" / 8 cm spacing)</b>	385	<b>\$6,220.00</b>
<b>AER8-78R786</b>	<b>78" (198 cm) Tine Reel Assembly (Fits all 78"/198 cm Aer-8) "Aerfine" Thin Blade Tines (5" / 13 cm spacing)</b>	295	<b>\$4,855.00</b>
<b>AER8-78R787</b>	<b>78" (198 cm) Tine Reel Assembly (Fits all 78"/198 cm Aer-8) 3/4" (1.9 cm) Coring Tines</b>	153	<b>\$5,643.00</b>

***STEP #4, Choose a smoothing roller (Optional but HIGHLY recommended when using "Aerfine" or "All-Star" sports field tines to make the turf instantly playable)***

<b>AER8-610</b>	<b>60" (153 cm) Rear Roller Assembly <i>Highly recommended for Aer-8 Models with "All-Star" sport field tines &amp; "Aerfine" Thin blade tines</i></b>	190	<b>\$2,239.00</b>
<b>AER8-710</b>	<b>78" (198 cm) Rear Roller Assembly <i>Highly recommended for Aer-8 Models with "All-Star" sport field tines &amp; "Aerfine" Thin blade tines</i></b>	208	<b>\$2,370.00</b>

MODEL NUMBER	DESCRIPTION	SHIP WT.	SUGGESTED LIST PRICE
<b>44-901</b>	<b>SUPER LINER Riding Line Marker</b>  <i>Hydrostatic drive with 16 hp (12 KW) Twin cylinder engine, 6 gpm (22.7 lpm) diaphragm paint pump, max. psi 290 (20 Bar), 50 gallon poly tank.</i>	1265	<b>\$22,492.00</b>

### ACCESSORIES FOR RIDING ATHLETIC FIELD LINE MARKERS

<b>49-028</b>	<i>Side Line Boom f/44-901</i>	12	<b>\$539.00</b>
<b>49-400</b>	<i>6-Nozzle Spray Boom f/44-901</i>	43	<b>\$1,839.00</b>
<b>49-027</b>	49-027 Gun & Hose Kit	10	<b>\$459.00</b>