

TAKING IT TO
**ANOTHER
LEVEL**



BAZOOKA • FARMSTAR | EQUIPMENT CATALOG

WE WANT TO TAKE YOU

FROM ORDINARY

TO EXCEPTIONAL

We build our equipment tough enough for the boundary breakers. The Gamechangers. We do this by not only creating advanced and unique equipment, but by letting you customize your equipment to make it a completely individualized product to fit your operations needs.

We are committed to manufacturing products that create a lasting value for our customers by providing quality, innovative solutions, and exceptional service through our network of dealers and in-house staff members.

Being a **Gamechanger** starts at the core. You aren't afraid to challenge the status quo and push the accepted limits to take yourself from ordinary, to exceptional. It's that relentless pursuit for greatness.



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TITAN

SERIES TOOLBAR



THE TOOLBAR EVERY **#GAMECHANGER** OWNS



This **first-to-market, front folding** manure injection toolbar was engineered to execute pass after pass. End row coverage is simple with the Titan's ability to make full, in-ground turns while the units continue to inject manure into the ideal root zone. This minimizes the amount of liquid left on the surface, maximizing the nutrients in the manure.

PERFORMANCE REPORT

“The Titan Series Toolbar is one of the best manure investments I've ever made. This toolbar reduces compaction, compared to a mounted toolbar, and works in nearly all conditions. Rocks, frozen ground, it doesn't matter; it rolls right over the top. The narrow spacing the Titan accommodates allows me to achieve a thorough application that growers love, achieving rates from 10,000 - 20,000 GPM.”

- Jerry Loxtercamp, Jerry's Pumping LLC
Villard, MN

BAZOOKA BENEFITS



REDUCE TIME BETWEEN FIELDS



LOW MAINTENANCE DESIGN



ACCOMPLISH MORE IN LESS TIME



ENVIRONMENT APPROVED



SAFE TRAVEL



TIMED MANIFOLD

The rear, low mount manifold provides more safe and favorable access for cleaning.



SWEEPING 90'S

The swing arm has been redesigned with 90 degrees fewer bends. This, and the addition of sweeping pipe elbows, allows increased flow.



FLOTATION TIRES

Flotation tires adjust to terrain variation and evenly disperse the toolbar's weight, reducing compaction.



CAB VISIBILITY

With no obstructions blocking your view from the cab, you always have clear visibility of your toolbar.

FRONT-FOLD

design

Rural roads and field entrances are often narrow and hard to maneuver with large equipment.

Make transportation from one field to the next faster, easier, and safer with this slender design that folds to a 12'-13' travel width.

quick

TRANSPORT

Using your one ton flatbed truck to pull this toolbar down the road to your next job site, allows you to quickly and safely travel roadways, across bridges, and through town.

COMPACT

structure

The Titan Series accommodates narrow unit spacing providing countless benefits, namely, higher GPM's and thorough field coverage.

IN GROUND TURNS

MADE SIMPLE.

PHANTOM SPACING 16" 18" 20" 24" 30"

TOOLBAR WIDTHS 36' 37' 39' 40' 42' 44' 45' 48' 50'

GPA COVERAGE 2,500 3,000 6,000 9,000 12,000 15,000 19,000 20,000+

⦿ EACH PACKAGE FEATURE CAN
BE UPGRADED INDIVIDUALLY.



THE **HIGH PERFORMANCE** PACKAGE FOR THE TITAN SERIES TOOLBAR

HP
SPECIFICATIONS

If you thought the Titan Series couldn't get any better, think again, because we've taken it up a notch. The HP Package has been designed to increase up-time, reduce compaction, produce better flow and wear resistance, and for an overall lower maintenance design.



FLUX MANIFOLD

In-cab, hydraulic valve controls allow operators to easily flush build-up out of the bowl, while continuing to inject manure. This anti-clog technology provides a convenient clean out every time.



FLOTATION GAUGE WHEELS

The addition of flotation gauge wheels to the outer wings of the toolbar, reduces compaction and makes pumping in wetter conditions possible.



6" OR 8" PLUMBING

The HP Package is available in 6" or 8" plumbing. Note, 8" plumbing comes standard with a Flux Manifold upgrade to accommodate the manifold's new design.



AUTOMATED GREASE LINES

Deliver lubricant to various grease points throughout the toolbar on a timed setting to prevent the need for premature part replacements, and reduce the time committed to maintenance demands.

THE MATCH-UP

HOW WE STACK UP AGAINST THE OTHER GUYS

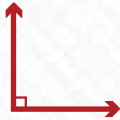
BRAND



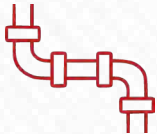
UNIT SPACING
CAPABILITIES



TOOLBAR WIDTHS



SWING ARM BENDS



SWING ARM PLUMBING



CLOG ELIMINATING
MANIFOLD

TITAN SERIES

TOOLBAR

16" - 30"

36' - 50'

4 90° ELBOWS

6" OR 8" PLUMBING



OPTION
AVAILABLE

PCE - BAUR BUILT

TOOLBAR

24" OR 30"

45'

6+ 90° ELBOWS

8" PLUMBING



NO OPTION
AVAILABLE

UNPARALLELED

ADVANTAGES

- We don't believe in one size fits all, and **neither should you**, which is why we've provided **options** that are essentially limitless. From injector spacing and toolbar width to color and plumbing, there is a **custom solution** for every operation.
- Speaking of options, the **Flux Manifold** upgrade introduces **anti-clog** technology to the liquid manure injection game, allowing a more simple and convenient clean out.
- The **Automated Grease System** minimizes the need to manually grease the toolbar, allowing you to **focus on the job at hand** and **less on the maintenance piece**. If you're not running, you're not striking gold.
- The Titan Series **maximizes the nutrients** found in liquid manure by consistently injecting into the ideal 4"-6" root zone, and **reducing the amount of manure left on the surface**, especially around turns and field contours.
- You've seen the other guys place flotation tires at the center of the toolbar, but how about at each end? **Flotation gauge wheels** are a new HP Package option that takes **compaction reduction** to the next level, allowing operators to run in wetter, imperfect conditions.

TITAN 2



ALL THE WINS OF THE ORIGINAL, **AND THEN SOME**

WIDTHS

39' 40' 42' 44' 45' 47' 48' 50' 51' 52' 60'

With the ability to make full turns in the ground and the immaculate, seemingly undisturbed condition it leaves the field in when the job is done, Titan has earned a best-in-class status and has never looked back. Titan 2 is here to capitalize on the Titan Series promise with all HP Package upgrades coming standard and some **NEW** benefits of its own.



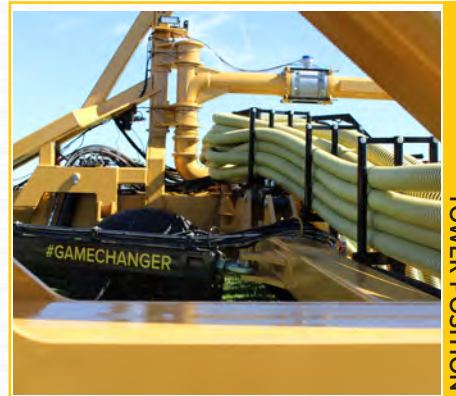
FLUX MANIFOLD & SUPPLEMENTS

The Flux Manifold's anti-clog features work to combat the unavoidable, but in the event trash does plug things up, we've provided a NEW manifold lift assist and block indicator light, that helps the operator quickly identify & easily access the manifold to clear it of obstructions.



LARGER FLOTATION TIRES

We've counterbalanced the robust design and heavier tongue weight, by equipping Titan 2 with 700 series center section flotation tires and 550 series wing gauge wheel flotation tires. Simply put, the original center section tires have been assigned wing gauge wheel duty.



TOWER POSITION

The position of the toolbar tower is now further forward and more closely aligns with the tires, resulting in less resistance when turning in the ground. The new tower position has also permitted our smartest hose routing to date, minimizing sand build-up and clogging.



PHANTOM UNIT CAPACITY

Titan 2 rings in as one of the widest toolbars on the market, with the largest model sitting at 60' wide. This new toolbar design has the capacity to hold 6 more Phantom units than the original. *Contact our Sales Team for more width and spacing option information.*

PERFORMANCE REPORT

"I've been running a Titan Toolbar since its introduction to the market several years ago & have grown to know and love its functionality. I had the opportunity to run one of the first Titan 2's and I can say it capitalizes on all the benefits of the original design, especially its ability to "corner" at the end of the field. This toolbar has been reinforced with more steel, allowing the units to easily go into even the hardest ground with enough flotation to offset the weight in wet conditions."

- CHAD LUCAS, Nutrient Management Partners | Morgantown, IN

TITAN 2 ADVANTAGE

- ✓ EXCEPTIONAL GROUND PENETRATION
- ✓ NEXT LEVEL FLOTATION
- ✓ HEAVY-DUTY, LOW MAINTENANCE DESIGN
- ✓ SIMPLE IN-GROUND TURNS
- ✓ HIGHER APPLICATION RATES
- ✓ GREATER PHANTOM UNIT CAPACITY



PHANTOM

TOOLBAR



SMART FOR YOUR **BOTTOM LINE**

Tested and proven for years, the rugged Phantom Toolbar brings efficiency and environmental responsibility to the liquid manure application process. This toolbar's rolling blade and closure disc [the Phantom Injector] has been designed to reduce erosion and improve the ratio of useful work to work expended.

PERFORMANCE **REPORT**

“The Phantom Toolbar has made a large impact on our business. We are able to run more efficiently without frequent stops due to clogging in the units, and their ability to support contours. The depth gauges allow us to get nutrients into the proper root zone as we run a consistent 12,500 - 13,000 GPM.”

- Colin Harting, Harting Farms
Convoy, OH

B A Z O O K A **BENEFITS**



REDUCED FUEL CONSUMPTION



FOLDING WINGS FOR TRANSPORT



HEAVY-DUTY CONSTRUCTION



ENVIRONMENT APPROVED



TIMED MANIFOLD

The manifold is mounted low on the toolbar for simple accessibility and even distribution through each port.



SWEEPING 90'S

The swing arm has been redesigned with 90° fewer bends and sweeping pipe elbows, to increase flow.



LOW HP REQUIREMENT

Pull this toolbar with nearly all tractor models. Textbook definition of practical.



HEAVY-DUTY FRAME

The strong, durable build of the Phantom Toolbar provides optimal performance in any type of field you may find yourself.

DESIGN

options

The Phantom Toolbar is available in 3 point mounted or pull type models.

NEW In addition to the standard 6" plumbing, we now have an 8" option available to help you hit those higher GPMs.

Phantom

ADVANTAGE

Save time on each pass by continuing to inject manure through the turns into the ideal root zone.

The Phantom Toolbar is ideal for applications that typically run within the 3,000-17,000+ GPA range.

PHANTOM SPACING 16" 18" 20" 24" 30"

TOOLBAR WIDTHS 24' 26' 28' 30' 31' 32' 33' 35' 36'

GPA COVERAGE 2,500 3,000 6,000 9,000 12,000 15,000 18,000 20,000+

PHANTOM INJECTORS

LEAVE THE SOIL NEARLY UNDISTURBED.

DIETRICH

TOOLBAR



TIMED MANIFOLD | Mounted low on the toolbar for easy accessibility, the timed manifold evenly distributes manure through each port.



PIN TYPE GAUGE WHEELS | Bolt on gauge wheels permit numerous height adjustment variations.



TOUGH ENOUGH FOR THE JOB

Reliable and effective for both high and low application rates, this toolbar gets the job done. Dietrich sweeps are extremely durable and have the ability to run at high speeds, while consistently injecting into the 5" - 6" 'Green Zone' for maximum yield.

TOOLBAR WIDTHS

15' 20' 24' 25' 28' 30' 35'

INJECTOR SPACING

24" 30"



SATISFIES BROAD RANGE
OF CUSTOMER NEEDS

GPA COVERAGE [LOW RATE SWEEP]

2,500 3,000 6,000

GPA COVERAGE [HIGH RATE SWEEP]

6,000 12,000 18,000 20,000+

DIETRICH SERIES 70



8" LOW RATE SWEEP
• 2,500 - 6,000 GPA
• Lifts soil less than 1"
• Designed for 5-8 MPH



8" HIGH RATE SWEEP
• 6,000 - 10,000 GPA
• Lifts soil less than 1.25"



12" HIGH RATE SWEEP
• 10,000 - 15,000 GPA
• Lifts soil less than 1.25"

The Dietrich Shank consists of a spring coultter and chisel sweep. We offer both 8" & 12" sweep styles to fit your specific application needs. This injector is designed to penetrate hard soil & tough ground conditions.



BRILLION SHANKS



SPLASH PANS



COMPETITOR SERIES MANIFOLD



Z-SWING ARM & HOSE SWIVEL

UPGRADES

-  KROHNE FLOW METER
-  MAIN LINE SHUT OFF
-  GAUGE WHEELS
-  PIG DISCHARGE
-  BUMBLEBEE DROP TUBE HOSE
-  TIMED MANIFOLD
-  DOUBLE PIVOT
-  DIETRICH SHANKS

TOOLBAR WIDTHS

15' 20' 24' 25' 28' 30' 35'

INJECTOR SPACING

24" 30"

GPA COVERAGE

3,000 6,000 9,000 12,000 15,000 18,000+

The Competitor Series provides a cost-effective solution that does not come at the expense of quality or durability. This economic alternative was achieved through the theory of a low price base model, with upgrades that are used in the construction of our standard Dietrich Toolbars.

FITS YOUR FIELD & YOUR **BUDGET**

COMPETITOR

SERIES TOOLBAR

DRIBBLE BAR

EVEN COVERAGE IS A DRIBBLE AWAY

This toolbar's dribble lines are spaced one foot apart in order to achieve uniform coverage across all ports. The Dribble Bar is built to your standard for a bar that best fits your operation.



NARROW 5.5' TRAVEL WIDTH



UNIFORM DISTRIBUTION

TOOLBAR WIDTHS 36' 44'

GPA COVERAGE 3,000 6,000 9,000 12,000 15,000 18,000 20,000+

CUSTOM OPTIONS



PIG DUMP



HOSE SWIVEL



FLOWMETER



HYDRAULIC DRIVE MANIFOLD



SPLASH PANS



BUMBLE BEE DROP TUBE HOSE



MAIN LINE SHUT OFF

TOOLBAR WIDTHS 30' 45' 50'

COVERAGE 35' 50' 60'

GPA COVERAGE 3,000 6,000 9,000 12,000 15,000 18,000 20,000+

 CONSISTENT COVERAGE

 ECONOMIC CHOICE

The Top Kick Hay Bar provides a quick and steady liquid manure application. Utilize this toolbar to top dress and accelerate the growth of hay crops, or apply now and incorporate later. #BigFans

EXTEND YOUR PUMPING SEASON

TOP KICK

HAY BAR

PERFORMANCE REPORT

This simplistic toolbar keeps compaction out of the fields by eliminating tankers from our operation.

- Patrick Johnson, Johnson Farms
Baldwin, WI



PHANTOM

INJECTOR

LOW DISTURBANCE AT IT'S FINEST

The Phantom Injector was engineered to easily roll through the ground leaving soil nearly undisturbed. Hence the name, Phantom. In a market full of injection unit options, we've brought you a low maintenance design that executes in any environment. This low disturbance injection system provides an efficient & effective way to apply manure, while eliminating environmental risks.

PERFORMANCE REPORT

“The Phantom Injector allows us to get into wet or frozen field conditions we couldn't before when we ran disc rippers. With this, crop farmers love the look of their field when we are done.”

-Brandon Youngpeter
Halliland, OH



DID SOMEONE SAY CONVENIENCE? | The Phantom Injector is built with anti-clog technology, nickel plated pins, heavy-duty bearings, and quick-change hubs and spindles to increase the time you spend on the job, and eliminate valuable time spent on maintenance.

BAZOOKA BENEFITS



PRECISE & EVEN NUTRIENT PLACEMENT



CAPACITY OF HIGHER APPLICATION RATES



ELIMINATES CLOGGING



REDUCES STREAKING THROUGHOUT THE FIELD



NARROW SPACING CAPABILITY



NO ADDITIONAL TILLAGE REQUIRED

A PROVEN DESIGN

Each Phantom Injector moves independently from one another, allowing thorough coverage and grade-A performance on various field types and conditions. The closure blade is the bread & butter of the Phantom's design as it allows greater nutrient absorption by sealing manure into the ground and reducing the amount of manure discharged above ground. The Phantom's design is efficient and effective as it consistently places manure 4" - 6" into the ideal root zone.

FEEL THE PHANTOM ADVANTAGE IN ALL ENVIRONMENTS

- ✓ HAY GROUND
- ✓ COVER CROPS
- ✓ BEAN STUBBLE
- ✓ CORN TRASH
- ✓ CHOPPED CORN SILLAGE
- ✓ ROCKY TERRAIN
- ✓ LIGHTLY FROZEN GROUND

COMPATIBLE WITH BOTH
TOOLBAR & TANK APPLICATIONS



QUANTUM

DRIVE SYSTEM

MOVE HOSE AT **RECORD SPEED**

The Quantum Drive System combines high-speed technology with precise control features to wind and unwind hose substantially faster than the other guys. The QDS is the **only** 3-speed hydraulic control on the market, earning it's name as the fastest rated controlled freewheel, hydraulic wind and unwind.

B A Z O O K A **BENEFITS**



REDUCES SET UP & TEAR DOWN TIME



WIRELESS CAPABILITY



ACCOMPLISH MORE IN LESS TIME



PRECISION CONTROL

YOU KNOW IT'S ALL ABOUT THAT TENSION & TORQUE | With precise tension control you can drive at your desired speed to unwind hose and adjust tension up and down, eliminating the need to match the tractor and reel speeds.

The brake adjustments allow the operator to increase and decrease torque while winding hose off the reel. With the **NEW** wireless remote, you can control braking and all additional functions of the QDS from outside of the tractor cab.

PERFORMANCE **REPORT**

The Quantum Drive System has lent major time savings for our operation, as it has allowed me to roll hose quicker and more accurately than with any reel I've used in my career. The ability to roll up without moving the reel has contributed to my efficiency.

-Ben Jones, Trillium Farms
Berlin, WI

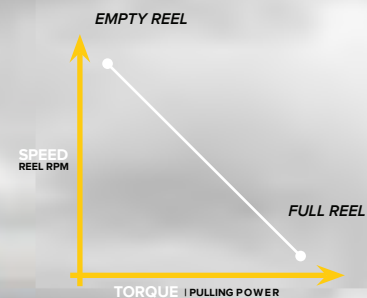
COMPATIBLE WITH

- ✓ CF-2416 HR
- ✓ CF-1810 HR
- ✓ 2416 HR
- ✓ 2012 HR
- ✓ 1810 HR
- ✓ 1408 HR
- ✓ 1000 HR

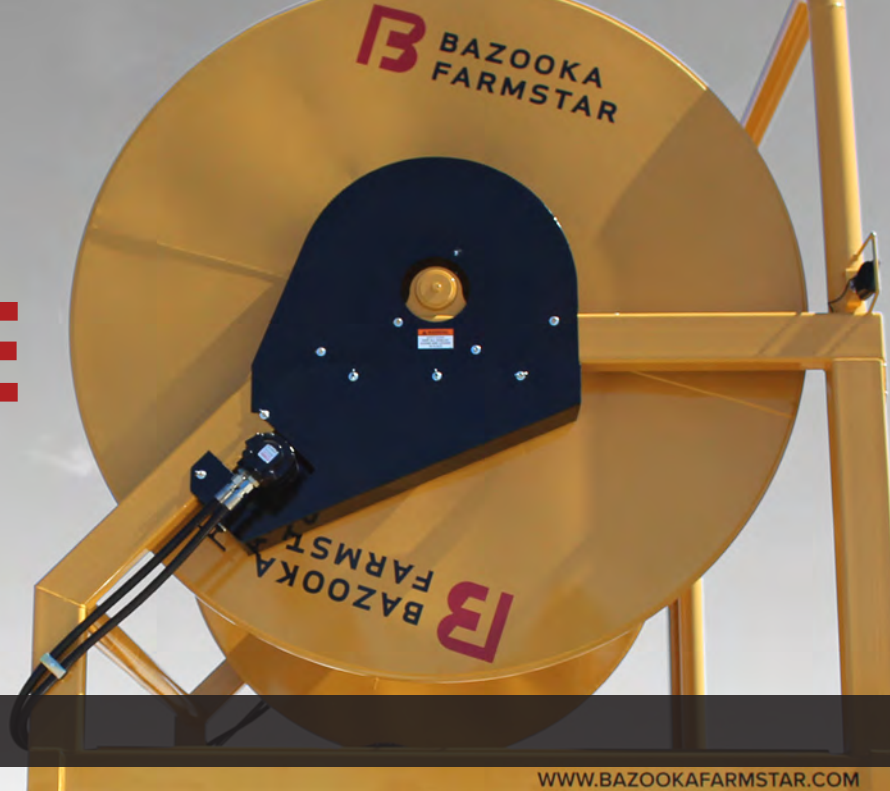
▶ Visit the Bazooka Farmstar YouTube Channel:

Watch our “Keeping It Reel” series that provides tips and tricks on how to operate the QDS from the engineers that worked directly to integrate this high speed, innovative technology into our hose reel line-up.

See a side-by-side performance comparison of chain drive vs. QDS equipped hose reels.



1810 CROSSFIRE SERIES HOSE REEL



NARROW YOUR FRUSTRATIONS

We didn't reinvent the wheel, we've simply realigned it. This reel has been designed to pivot 120° above its axles from travel to work mode when it is fully loaded, while meeting strict, DOT regulations. Upgrading the 1810 Crossfire with Quantum Drive System technology offers operators the pivoting reel design they've grown to love, with the luxury of 3-speed wind, unwind, & freewheel capability.



DOT APPROVED SOLUTION

Ring in at a narrow, 8' 5" wide, the CF-1810 is a DOT approved solution for moving hose from one job to the next. Perfect for those narrow country roads and field entrances.

HOSE CAPACITY [660' SECTIONS]

6" HOSE 18 sections | 2.25 miles

7.25" HOSE 12 sections | 1.5 miles

8" HOSE 10 sections | 1.25 miles

10" HOSE 6 sections | .75 miles



REAR ACCESSIBLE STEPS

Steps have been built into the bumper and rear frame of the Crossfire Series Hose Reels in order to keep the design compact, and to make feeding the coupler cavity safe and convenient.

UNPARALLELED

ADVANTAGES

- The 1810 Crossfire Hose Reel was designed to provide a **more compact, quicker, better controlled** solution for moving hose.

Different operational demands, restrictions and land characteristics require **operation-specific solutions**. Flotation tires, electric

- over hydraulic brakes, dual-camera in-cab monitoring, and Quantum Drive System integration are all **options** that will allow a custom solution for your operation.

- **Quantum Drive System** technology can be integrated into the CF-1810 design over the standard chain-drive, making it a stand-alone option to all comparable reels. **Increase efficiency** with the ability to wind, unwind, and freewheel faster and more controlled than the other guys.

- **Always be in control** even when you're outside of the tractor cab, with the wireless remote QDS option. And yes, this can include controlling the pivoting function of your Crossfire Hose Reel.

- **Comfortably** holds main and dragline demands.

THE MATCH-UP

HOW WE STACK UP AGAINST THE OTHER GUYS

BRAND



REEL CAPACITIES
[660 SECTIONS]



WIND/UNWIND SPEED



WEIGHT



TRAVEL WIDTH



HEIGHT

BF | CF-1810

HOSE REEL

8"

1.25 MILES | 10 SECTIONS

10"

.875 MILES | 7 SECTIONS

3 SPEED HYDRAULIC
CONTROL W/ FREE WHEEL

10,940
LBS. UNLOADED

8' 5"

12' 10"

PCE | TTR15

HOSE REEL

8"

1.25 MILES | 10 SECTIONS

10"

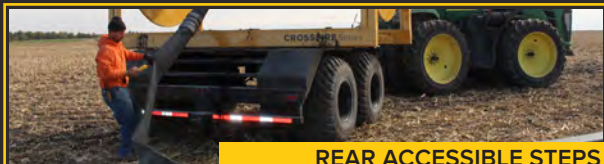
.75 miles | 6 sections

1 HYDRAULIC SPEED

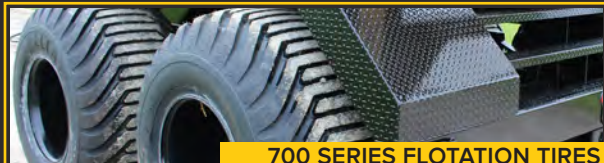
11,400
LBS. UNLOADED

8' 1"

12'



REAR ACCESSIBLE STEPS



700 SERIES FLOTATION TIRES



120 DEGREES REEL ROTATION



LED WORK LIGHTS

PERFORMANCE REPORT

The 2416 Crossfire Series allows me to "walk" hose all the way across the reel [and back] without constantly readjusting its position, which helps me achieve a neater, straighter wrap than I could with my previous reels. The precision, width, capacity and speed this reel provides " saves me time and makes my job easier.

-Mike Harstad, Walsh Farms | Murdock, MN



If your personal mantra is "Go Big or Go Home," you've just met your match. The 2416 Crossfire Series Hose Reel has the capacity to comfortably hold 10 sections of 10" hose with drags. This reel might look like every other reel on the market, but we are here to assure you, we've taken it up a notch.

LARGE AND IN CHARGE

2416

CROSSFIRE

SERIES HOSE REEL

HOSE CAPACITY [660' SECTIONS]

7.25" HOSE 18 sections | 2.25 miles

8" HOSE 16 sections | 2 miles

10" HOSE 10 sections | 1.25 miles



QDS WIRELESS
COMPATIBILITY

Add another layer of convenience by integrating QDS wireless. The remote allows operators to control all functions, including pivoting, from outside the tractor cab.

UNPARALLELED

ADVANTAGES

- This reel was designed to provide a **faster**, better **controlled** solution for moving hose.
- The Crossfire Series design allows operators to "walk" hose all the way across the reel **without readjusting** the position of the reel for a tight, neat wrap every time.
- The capacity potential of the CF-2416 **increases crew's efficiency** by eliminating the need to pull multiple reels to a site.
- Not only does the CF-2416 comfortably hold a massive amount of hose, but the hose can be wound and unwound **significantly quicker** than the other guys with QDS integration, allowing you to spend **more time pumping** and less time setting up.
- We know what you are thinking. A large reel + a large hose capacity = a large amount of weight to pull across a field. This reel is equipped with **700 series flotation tires** to combat compaction.
- **Comfortably** holds main and dragline demands.

THE MATCH-UP

HOW WE STACK UP AGAINST THE OTHER GUYS

BRAND



REEL CAPACITIES
[660 SECTIONS]



WIND/UNWIND SPEED



WEIGHT



TRAVEL WIDTH



HEIGHT

BF | CF-2416

HOSE REEL

8"

2 MILES | 16 SECTIONS

10"

1 1/4 MILES | 10 SECTIONS
& DRAG HOSES

3 SPEED HYDRAULIC
CONTROL W/ FREE WHEEL

12,880
LBS. UNLOADED

12'

13' 5"

PCE | TTR20

HOSE REEL

8"

2 MILES | 16 SECTIONS

10"

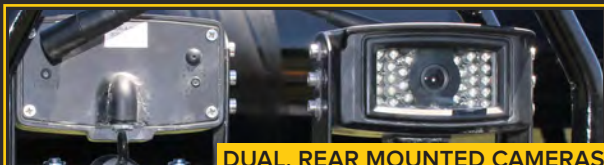
1 1/8 MILES | 9 SECTIONS

1 HYDRAULIC SPEED

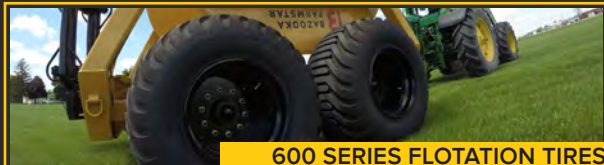
12,800
LBS. UNLOADED

12'

13' 3/4"



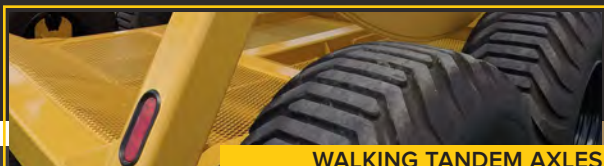
DUAL, REAR MOUNTED CAMERAS



600 SERIES FLOTATION TIRES



IMPROVED LEVEL WIND DESIGN



WALKING TANDEM AXLES

HOSE CAPACITY
[660' SECTIONS]

6" HOSE 24 sections | 3 miles

7.25" HOSE 18 sections | 2.25 miles

8" HOSE 16 sections | 2 miles

10" HOSE 8 sections | 1 mile



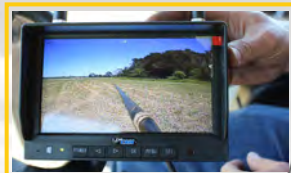
700 SERIES FLOTATION TIRES & TRACKS

UPGRADE OPTIONS

The 2416 Hose Reel, also known as the Eclipse, sizes up to be one of the largest capacity reels on the market. It's four wide flotation tires minimize compaction by evenly distributing it's mass and gives it incredible stability. This reel is built tough with steel beam reinforcements integrated into it's large drums.

ECLIPSE YOUR EXPECTATIONS

2416
HOSE REEL



7" IN-CAB MONITOR

Includes two, rear-mounted cameras located on the top of the level wind for greater visibility while winding and unwinding hose.

FEATURING
QDS TECHNOLOGY

LED LIGHTS

SWIVELING HOSE GUIDE

Pivot the level wind 180° to clear a path for a quick unwind, or use the level wind to precisely place hose throughout the field.

The improved level wind design has no sharp edges that could cause damage to the hose.

DUAL CAMERAS

2012

HOSE REEL

FEATURING
QDS TECHNOLOGY

BIGGER **ISN'T ALWAYS** BETTER

Little brother to the 2416, the 2012 provides the same benefits on a more compact scale. When you don't need the capacity of the 2416, but you're not willing to sacrifice the innovative design & features it possesses, the 2012 is your go-to hose reel.

HOSE CAPACITY
[660' SECTIONS]

6" HOSE 20 sections | 2.5 miles

7.25" HOSE 15 sections | 1.875 miles

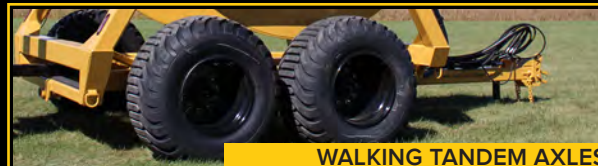
8" HOSE 12 sections | 1.5 miles

10" HOSE 7 sections | .875 miles

FEATURES & SPECS



IMPROVED LEVEL WIND DESIGN



WALKING TANDEM AXLES



LED LIGHTING



QUANTUM DRIVE SYSTEM

⚙️ CHAIN DRIVE ALTERNATIVE AVAILABLE

FEATURING
QDS TECHNOLOGY

1810 HOSE REEL

LED LIGHTS

We've revamped our original 1810 design that dates back to the 90's, to provide a hose reel that quickly pivots at high speeds and executes a tight wrap every time. This modern design, paired with QDS technology, has produced a reel that is more reactive than the other guys.

HOSE CAPACITY
[660' SECTIONS]

6" HOSE 18 sections | 2.25 miles

7.25" HOSE 12 sections | 1.5 miles

8" HOSE 10 sections | 1.25 miles

10" HOSE 6 sections | .75 miles

QUICKLY **PIVOTING** IS IT'S GAME

BAZOOKA **BENEFITS**



MAXIMUM RESPONSIVENESS



REDUCED SET-UP/TEAR DOWN TIME



HIGH CAPACITY



LOW MAINTENANCE

FEATURES & SPECS



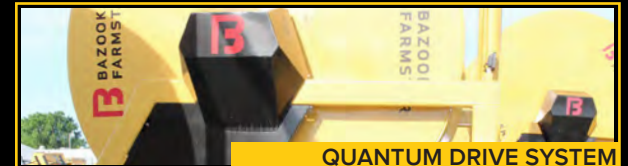
SINGLE AXLE FLOTATION TIRES



STORAGE INTEGRATED BASE



LED LIGHTING



QUANTUM DRIVE SYSTEM

UNPARALLELED

ADVANTAGES

- Quantum Drive System technology combined with the single axle, pivoting design of the 1810, makes it significantly more receptive than comparable reels. Increase efficiency, control, and accuracy as hose is retrieved and deployed.
- We've said it and we will say it again, the choice is yours. Flotation tires, dual cameras with in-cab monitor, wireless QDS capabilities, and an integrated basket base are among several features that can be integrated into the reel's design to best fit your operation's needs.
- Time is money. Add LED lighting and night vision cameras to your 1810 hose reel so you can be productive when the sun goes down.
- Holds true to capacity, comfortably holding main and dragline demands.
- The speed potential of winding and unwinding hose with the 1810 is untouchable.
- The design of this reel makes one man operation possible, with a QDS wireless remote option and over-the-top hose wrap functionality.

THE MATCH-UP

HOW WE STACK UP AGAINST THE OTHER GUYS

BRAND



REEL CAPACITIES
[660 SECTIONS]



WIND/UNWIND SPEED



WEIGHT



TRAVEL WIDTH



HEIGHT

BF | 1810

HOSE REEL

6"

2.25 MILES | 18 SECTIONS

8"

1.25 MILES | 10 SECTIONS

3

SPEED HYDRAULIC
CONTROL W/ FREE WHEEL

7,300

LBS. UNLOADED

12' 10"

12' 4"

PCE | HC16

HOSE REEL

6"

2 MILES | 16 SECTIONS

8"

1 MILE | 8 SECTIONS

1

HYDRAULIC SPEED

8,600

LBS. UNLOADED

12' 8"

12' 6"

1408

HOSE REEL



COMBAT COMPACTION

Compaction results in lower yields and can cause damage to the soil structure. With four wide flotation tires, the 1408 can maneuver through fields that would typically be too muddy or wet, and easily pass through areas where manure has already been applied without damaging the field's appearance.

HOSE CAPACITY
[660' SECTIONS]

6" HOSE 14 sections | 1.75 miles

7.25" HOSE 9 sections | .875 miles

8" HOSE 8 sections | 1 mile

YOU'VE GOT OPTIONS



- ✓ WALKING TANDEM
- ✓ TORFLEX
- ✓ 12,000 LB. SPRING

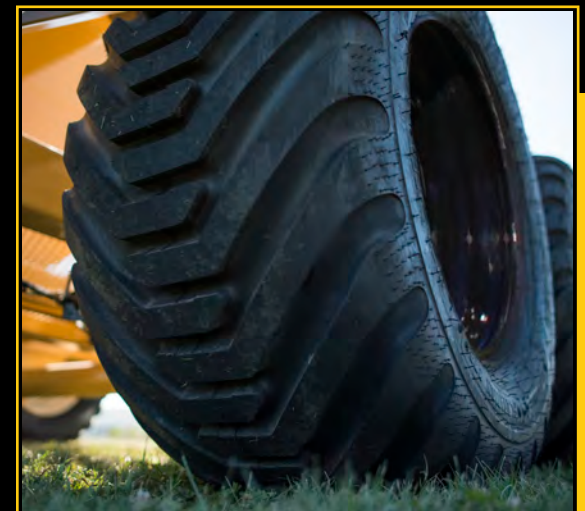


- ✓ 12.5 x 16.5-14 PLY
- ✓ SUPER SINGLE 385/65-22.5
- ✓ WIDE FLOTATION 22.5-16 PLY

UPGRADES



- ✓ QUANTUM DRIVE SYSTEM
NEW LEVEL WIND DESIGN & BASKET INCLUDED
- ✓ WIRELESS QDS REMOTE
- ✓ CAMERA PACKAGE & IN-CAB MONITOR
- ✓ SWIVELING HOSE GUIDE



WIDE FLOTATION TIRES

1000 HOSE REEL

FEATURES & OPTIONS



AXLES



WALKING TANDEM



TORFLEX

TIRES



12.5 x 16.5-14 PLY



SUPER SINGLE 385/65-22.5



WIDE FLOTATION 22.5-16 PLY

HOSE CAPACITY

[660' SECTIONS]

6" HOSE

10 sections | 1.25 miles

7.25" HOSE

8 sections | 1 mile

8" HOSE

6 sections | .75 miles

HYDRAULIC DRIVE

BAZOOKA FARMSTAR

MANUAL
DOG
CLUTCH

DOT LIGHTING

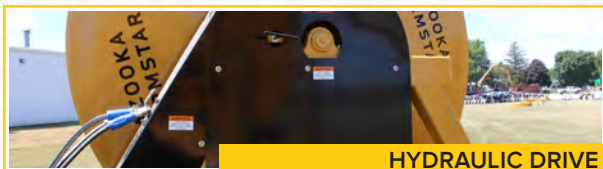
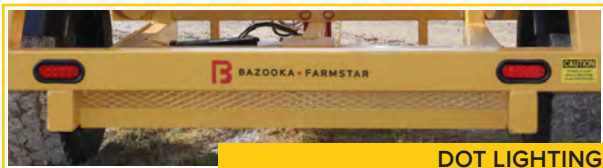
This reel comes and conquers the job at hand with minimal supplements. Easily travel to the next job with DOT rated tires and lighting. It's about the simple things in life, like the 1000 HR.

700

HOSE REEL

ECONOMIC STATE OF MIND

The 700 Hose Reel is a cost-effective solution for moving one mile of 6" hose or less. Attention small operations, you've met your match.



HOSE CAPACITY [660' SECTIONS]

6" HOSE 8 sections | 1 mile

7.25" HOSE 6 sections | .75 miles

8" HOSE 4 sections | .5 miles



SAVES TIME & MONEY

YOU'VE GOT OPTIONS

TIRES



SUPER SINGLE 385/65-22.5



WIDE FLOTATION 22.5-16 PLY

AXLES



WALKING TANDEM



TORFLEX

BAZOOKA BENEFITS



SIMPLE MANEUVERABILITY



CONVENIENCE FACTOR



TIME SAVER



EASY TRANSPORT

HOSE CAPACITIES
660' SECTIONS

MODELS AVAILABLE

200 HR

400 HR

2 sections | .25 miles

5" HOSE

5" HOSE

4 sections | .5 miles

2 sections | .25 miles

5.5" HOSE

5.5" HOSE

4 sections | .5 miles

2 sections | .25 miles

6" HOSE

6" HOSE

4 sections | .5 miles

1 section | .125 miles

7.25" HOSE

7.25" HOSE

3 sections | .375 miles

NEW upgrade option: 2 sections [.25 miles] of 10"

The 3 Point Hose Reel preserves the life of your hose by providing a safe means of transport, and saves you time by making laying out your hose for the next field convenient. This reel may be small, but it's impact will be large.

PROTECT YOUR INVESTMENT

3 POINT
HOSE REEL

SALES@BAZOOKAFARMSTAR.COM | 319.653.5080

HOSE REELS | 31



DRAG & SUPPLY

LAYFLAT HOSE

ALL HOSE IS **NOT** CREATED EQUAL

We are the proud, North American strategic partner of Gollmer and Hummel supply and dragline layflat hose, because we believe in their process and the quality of product they craft. The quality of your hose will determine the longevity, durability, and safety of your set-up. Safeguard your operation by understanding the source of your hose and the corresponding working and burst pressures.

FRICION LOSS QUICK GUIDE

G P M	5.5"	6"	7.25"	8"	10"	12"
5 0 0	6.3	4.1	1.6	1.4	0.3	0.1
1 0 0 0	22.6	14.8	5.9	3.7	1.2	0.5
1 5 0 0	47.8	31.3	12.5	7.7	2.6	1.1
2 0 0 0	81.4	53.3	21.3	13.2	4.5	1.8
2 5 0 0	123.0	80.6	32.1	19.9	6.7	2.8
3 0 0 0	172.4	113.0	45.0	27.9	9.4	3.9
3 5 0 0	-	150.2	59.9	37.1	12.5	5.1
4 0 0 0	-	-	76.7	47.5	16.1	6.6

BAZOOKA BENEFITS



LONG LASTING



RELIABLE



REDUCED FRICTION LOSS

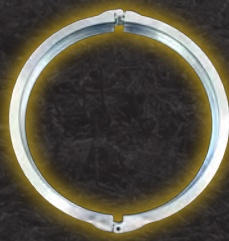
Hose diameter greatly effects the friction loss in your hose. The chart to the left is based on loss through one 660' section.

WHY POLYURETHANE HOSE?

Polyurethane hose is made of the same outer material as drag hose with an inside jacket containing a special **woven design** that allows for continuous, high pressure performance with **minimal friction loss**. This type of hose offers 3 to 4 times the abrasion resistance than rubber hose, as well as, **reduces** the chance of **elongation**.

HOSE SAVER CLAMPS

Our newly redesigned hose saver clamps protect your investment in hose by **reducing the likelihood of tears** you experience with traditional clamps.



Check out the details on our YouTube channel.

#DARETOCOMPARE

DRAG HOSE

HOSE SIZE	BRAND	LENGTHS	WORKING PSI	WEIGHT [lbs/ft]	WALL THICKNESS
5 "	G&H Standard	660' 990'	200	1.24	0.15"
5 "	G&H Elite	660' 990'	200	1.41	0.17"
5 . 5 "	G&H Standard	660' 990' 1320'	200	1.41	0.16"
5 . 5 "	G&H Elite	660' 990' 1320'	200	1.62	0.18"
6 "	G&H Standard	660' 990' 1320'	200	1.54	0.17"
6 "	G&H Elite	660' 990' 1320'	200	1.89	0.19"
7 . 2 5 "	G&H Standard	660'	180	1.88	0.17"
7 . 2 5 "	G&H Elite	660'	200	2.35	0.20"

SUPPLY HOSE | RUBBER

HOSE SIZE	BRAND	LENGTHS	WORKING PSI	WEIGHT [lbs/ft]	WALL THICKNESS
6 "	G&H Elite	660'	250	1.48	0.15"
7 . 2 5 "	G&H Elite	660'	250	1.95	0.18"
8 "	G&H Standard	660'	200	2.35	0.18"
8 "	G&H Elite	660'	250	2.55	0.20"

SUPPLY HOSE | POLYURETHANE

HOSE SIZE	BRAND	LENGTHS	WORKING PSI	WEIGHT [lbs/ft]	WALL THICKNESS
6 "	G&H Elite	660'	250	1.28	0.15"
7 . 2 5 "	G&H Elite	660'	250	1.88	0.17"
8 "	G&H Elite	660'	250	2.22	0.19"
10 "	G&H Standard	660'	200	2.82	0.20"
12 "	G&H Standard	660'	200	3.63	0.21"

NEXUS

CONTROL SYSTEM

PUMP CONTROL AT YOUR FINGERTIPS

Because you can't be in multiple places at once, this makes change on the go a thing of beauty. This electronic pump control system provides real-time pump monitoring for off-site pump management. Operate your pumps remotely with this user friendly, intuitive interface from your cell phone or tablet, or switch from auto to manual mode in the click of a button.

Control & manage all pumps in line from one main HTML 5 dashboard, compatible with all web browsers listed below.

NEXUS COMPATIBILITY

DESKTOP



MOBILE



NEXUS CONTROL PANEL

THE CONTROL PANEL PROVIDES A SIMPLE DISPLAY OF ALL OF IMPORTANT INFORMATION INCLUDING ENGINE RPMs AND TEMPERATURE, OIL PRESSURE, BATTERY VOLTAGE, SUCTION PRESSURE, AND THEN SOME.

MONITOR PREVIOUS SHUTDOWNS WITH NEXUS'S STORED MEMORY.

Have questions about the dashboard, compatibility, or the control panel? Call our dedicated team of trained NEXUS technicians to help answer your questions at **(800) 775-7448**.

DASHBOARD FEATURES

YOU'RE IN CONTROL.

AUTOMATIC PRESSURE THROTTLING

Maintain set intake and discharge pressure targets while running, reducing the complexity to run multiple engines.

LINE BREAK WARNINGS & SAFEGUARDS

Safeguards your pumps when the unexpected occurs.

USER FRIENDLY ACCOUNT CONTROL

Ultimate control over pump names, orientations, settings and crews.

START AND STOP

These buttons start and stop each pump individually.

RUN ALL PUMPS

Predetermine a target RPM for each pump, then push this button to gradually bring all pumps to their corresponding targets.

EMERGENCY SHUTDOWNS

Can be programed into the NEXUS panel based on extreme parameters of real time data and is also a physical button on the panel for added safety.

DIGITAL SUCTION PRESSURE DISPLAY

Closely monitor suction pressure from the convenience of your cab to help prevent cavitation in your pump.

DIGITAL DISCHARGE PRESSURE SAFETIES

Prevent any major issues from arising by seeing your real-time discharge pressures displayed and the ability to set up safeties to take over in the event of a problem.

VITAL MONITORING

Real-time information when it comes to what's most important with engine performance. See engine loads, oil pressures and coolant temperatures.

INCREASE/DECREASE RPM's IN INCREMENTS

This allows for a more customizable option for inputs when it comes to engine RPM's, outlet/inlet targets.

IDLE ALL PUMPS

Bring all pumps in line to an idle as a preventative measure.

STOP ALL PUMPS

This feature will shut down all engines that are displayed on your dashboard with the touch of a button.

KROHNE FLOWMETER INTEGRATION

Conveniently monitor your flow rates and total flow for a job by integrating this into your NEXUS system.

EXTENSIVE ENGINE COMPATIBILITY

Whether you're running a tier 3, 4, CAT or John Deere or an older engine, we've got you covered with installation kits based on your needs.

AUTOMATED FEEDER PUMP OPERATION

Adjusts feeder pump speed to maintain constant pressure to the primary pump. #Built-InProtection

DETAILED DIAGNOSTICS

User-friendly way of seeing engine related issues that gives you an idea of what is going on and to what extent if issues arise.

MAINTENANCE

Set up reminders of service intervals when it comes to your engine, pump or fluids.

ADVANCED MONITORING & CONTROL

Additional securities when it comes to watching your fuel and pit depth levels, and the ability to control external option remotely. [Pump, lights, clutch]



UPGRADES

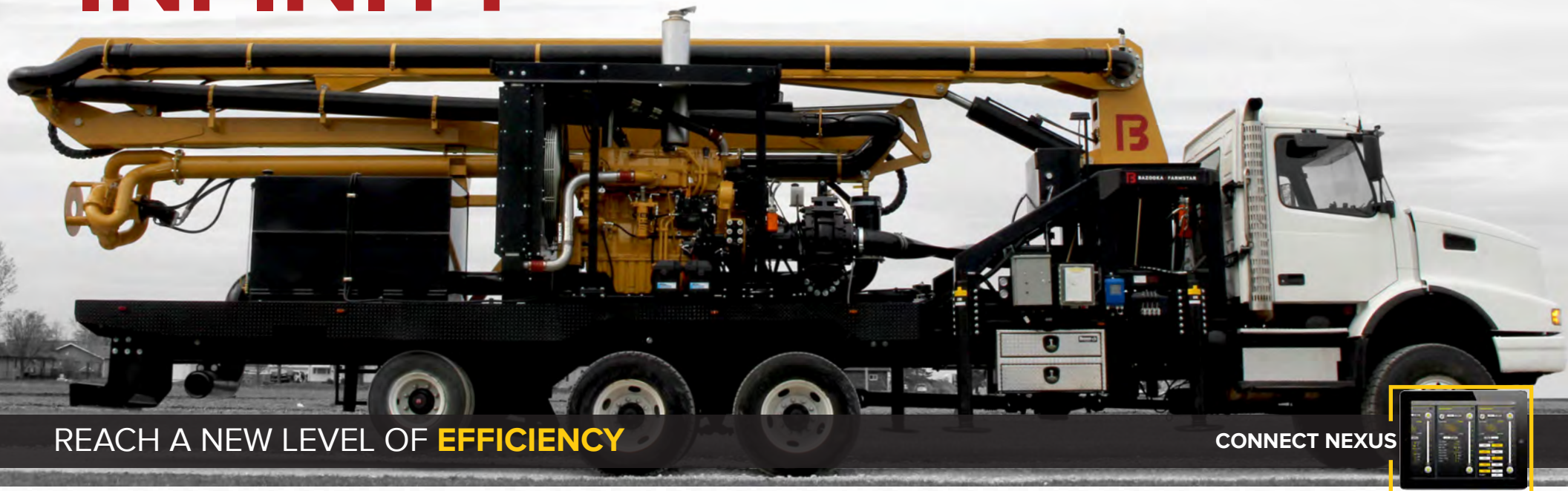


PIT DEPTH SENSOR



FUEL LEVEL SENSOR

INFINITY SERIES BOOM TRUCK



REACH A NEW LEVEL OF **EFFICIENCY**

CONNECT NEXUS

This heavy-duty, force-feeding, triple fold boom truck series incorporates innovative features that make pumping manure more safe, efficient, and convenient than ever before. The Infinity Series robust design simplifies pumping from hard to access confinement buildings, slurry storage, and deep lagoons with it's accurate distance control, extreme depth, and maneuverability.

PERFORMANCE REPORT

We've been able to achieve 3,350 GPM with our 80' Infinity Series Boom Truck [a 300 - 400 GPM gain over our previous boom truck], which allows us to run our applicator 3 miles out from the manure source. We love the reach and stability we get with this unit as well.

- Brad Jochum, Jochum Agri-Service, Inc.
Merrill, IA

BAZOOKA BENEFITS



TRAVEL AT HIGHWAY SPEED



ACCOMPLISH MORE IN LESS TIME



DURABLE, STAINLESS STEEL & HDPE DESIGN



REDUCED SET UP TIME



VERSATILE



CENTRAL HYDRAULICS

Controlling all hydraulic functions from a single, centralized location provides a professional level of safety and convenience for the operator.



65' - 85' BOOM REACH

The Infinity Series achieves the furthest boom reach on the market. #Gamechanger

VERSATILITY game

Strong. The Infinity Series hasn't met a job site it does not like. Place the boom into a hog confinement building or dairy lagoon and get to work.

The outriggers allow operators to pull inches away from the manure source to optimize the already immense reach capability of this boom.



TELESCOPING OUTRIGGERS

The hydraulic outriggers create a high level of stability and ensure the truck stays in proper position throughout the job.



NUHN SUBMERSIBLE PUMP

Achieve **2,800 - 3,500+ GPM** with 15" - 17" hydrostat driven Nuhn submersible header pump options, allowing you to get the configuration that best fits your operation.

quick TRANSPORT

Pull additional equipment at highway speed, such as booster pumps or smaller hose reels, to your next job site and be up and pumping within a matter of minutes.



APPLICATION VERSATILITY

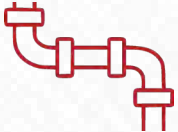
THE MATCH-UP

HOW WE STACK UP AGAINST THE OTHER GUYS

BRAND



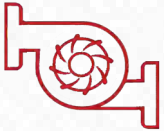
BOOM REACH



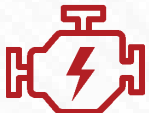
BOOM FOLDS



SUBMERSIBLE
PUMP SIZES



GPM CAPABILITY



HORSE POWER
REQUIREMENTS

INFINITY SERIES

BOOM TRUCK

85' - 65'

3 FOLD DESIGN

17" - 15"

3,500+ GPM

600 - 750 HP

HYDRO ENGINEERING

BOOM TRUCK

65'

2 FOLD DESIGN

15"

2,600+ GPM

600 HP

UNPARALLELED

ADVANTAGES

- The Infinity Series was designed to reach new levels of efficiency. A **tri-fold** boom design allows for **greater precision** and **depth control** over a dual fold construct. Easily reach the 'man hole' of a lagoon, or maneuver into confinement pits with this innovative, versatile boom design.
- Among many options, we offer both **John Deere** and **CAT** engine configurations, boosting horse power capability to 750. Higher horse power engines allow operations to **significantly increase gallons per minute**.
- With it's length ringing in at 25' - 34' behind the cab, **transport is simple**. Pull additional equipment behind the truck to your next job.
- The centralized location of the Infinity's tri-fold boom **decreases twisting and strain** on the truck frame, and **increases pumping flexibility**. No need to back up to unfold, simply drive between two lagoons and pump from either side, while **achieving optimal boom depth** in the process.
- Experience **simple set-up** and **functionality** with centralized hydraulic controls. This just in, a **wireless remote control** option for all boom functions is now available for a higher level of convenience. **#Gamechanger**

ACCOMMODATES NEARLY ALL ENGINE, PUMP,
AND PLUMBING COMBINATIONS FROM 300 - 780
HP ENGINES, WITH OR WITHOUT CLUTCH

FULL THROTTLE

SERIES PUMP TRAILERS

REINFORCED FRONT DECK

CONNECT NEXUS

THRIVE OFF THE GRID

From fully loaded to manual simplicity, the Full Throttle Series trailer line allows you go off the grid and work at maximum speed longer than your typical pump trailer unit. Keep your crew running 24+ hours with the 500 and 1,000 gallon integrated single fuel tank options, with a baffles and sump area for optimal fuel usage.

FULL THROTTLE
ENGINE OPTIONS

ENGINE SIZE	BRAND	AXLE REQUIREMENT
300 HP	JOHN DEERE	10,000 lbs.
375 HP	JOHN DEERE	10,000 lbs.
400 HP	JOHN DEERE	10,000 lbs.
500 HP	JOHN DEERE	14,000 lbs.
550 HP	JOHN DEERE	14,000 lbs.
550 HP	CAT	14,000 lbs.
600 HP	JOHN DEERE	14,000 lbs.
660 HP	CAT	14,000 lbs.
780 HP	CAT	14,000 lbs.



Plumbing configurations include, but are not restricted to, simple intake and discharge, pig launchers and clean outs, and a fully loaded bypass. Consult a Sales Representative for desired variations to best fit your operation.



Created to accommodate the largest engine, pump and plumbing combinations in our trailer line-up, the 1,000 gallon Full Throttle Series has the capability of driving a Cornell 81022MP pump with 10" intake and 8" discharge.

LONGER RUN TIME

INCREASED PRODUCTIVITY

18' HIGH

HEAVY-DUTY EPDM HOSE BOOM DESIGN

EXTRA 6' REACH

THE HIGH REACH UPGRADE ALLOWS THE BOOM TO REACH OVER AND TOUCH THE BOTTOM OF AN 18' SLURRY STORAGE UNIT

THE OUTLAW

PART OF THE FULL THROTTLE SERIES

CONNECT NEXUS

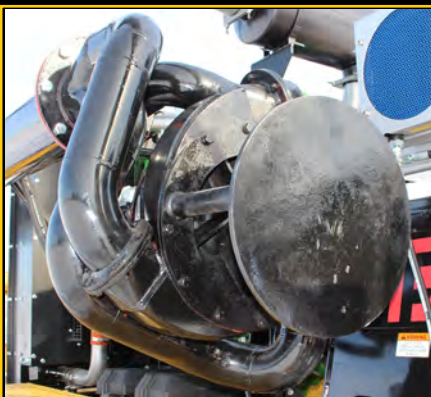


REACHING NEW DEPTHS

⦿ ACCOMMODATES 13.5L (500 - 600 HP) ENGINES WITH CLUTCH & DRIVE TRAIN

We've taken the wins of the original Full Throttle Series and inducted a force-feeding boom trailer to the team. The inner section of this tri-fold boom has been constructed with an industrial vacuum hose and rubber tube compound. This construct allows a lighter solution with fewer pipe elbows, no moving seals that may result in leaks, smoother flow of manure through the boom, and simple maintenance.

NUHN SUBMERSIBLES



Compatible with 15" and 17" Nuhn Submersible header pumps, we build your trailer to best fit your GPM requirements. Integrate an agitation nozzle on the submersible pump as an added convenience.

⦿ 15" | Achieve 2,000 - 3,000 GPM

⦿ 17" | Achieve > 3,300 - 3,500 GPM

60 GPM open loop or Hydrostat option

19' BELOW GRADE DEPTH



Ideal for those hard-to-reach hog confinement pits, slurry storage units, and lagoons. Achieve the deepest pumping depth of any boom trailer on the market with this versatile pump unit. The Outlaw's boom is slender, allowing it to simply maneuver into small spaces.

TANDEM AXLES



Whether you choose a bumper style or goose-neck trailer, we have equipped this trailer series with tandem axles. The dual axles evenly disperse weight and lessen the footprint left in the field, especially when your 500 gallon integrated fuel tank is full.

270 ° BOOM ROTATION



You read that right, **270 degrees** of boom rotation. That's 50% greater movement than the other guys. This high degree of rotation gives operators the flexibility to position the Outlaw between two hog confinements and leave it in one place until the job is done, by simply maneuvering the boom from one pit to the next.

UNPARALLELED

ADVANTAGES

- The **versatility** and **customization** this trailer brings to the field is ultimately what sets it apart from similar, competing force feeding trailers on the market. Let us elaborate.
- The Outlaw sees no match in storage type. Pumping from **hog confinement pits**, **lagoons**, or exceptionally **deep slurry storage units** is all possible with a single piece of equipment. The **agitation** upgrade eliminates the need for additional equipment as well.
- Outlaw plumbing is constructed with **fewer pipe elbows** than the competition, **improving the manure flow**. The combination of steel pipe and industrial vacuum hose diminishes the likelihood of leaks and provides a **simple, low maintenance** design.
- We believe in a totally **custom product** that best fits your business's demands. Looking for a shorter or longer boom? Smaller or larger engine? Greater fuel capacity? A 15" or 17" submersible header pump? Flotation tires? A bumper hitch or goose-neck style trailer? The list goes on. **If you can dream it, we can build it.**
- **Dual tandem axles** provide a **safer** means of travel from one field to the next, and disperses the weight of the trailer evenly to **lessen compaction** in the field.
- The front jacks and valves are controlled by a 12 VDC, when properly equipped, **eliminating** the need to start a main pump engine to unhook from a tow vehicle.

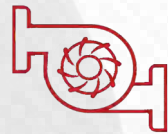
THE MATCH-UP

HOW WE STACK UP AGAINST THE OTHER GUYS

BRAND



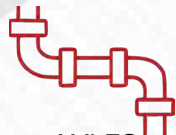
BELOW GRADE DEPTH



GPM CAPABILITY



HORSE POWER REQUIREMENTS



AXLES



FUEL TANK DESIGN

BF | OUTLAW

PUMP TRAILER

19 - 25 FEET

3,500+ GPM

750 - 600 HP

2 TANDEM AXLES

1 SINGLE, BUILT-IN STEEL TANK

PCE | SELF-PRIME

PUMP TRAILER

13 FEET

3,500+ GPM

750 HP

1 SPRING AXLE

2+ MULTIPLE PLASTIC TANKS

250 GALLON

PUMP TRAILER



BOOST YOUR FLOW

Increase your GPM by installing booster pumps between your manure source and your applicator. This particular 250 Booster Pump Trailer model features a 10,000 lb. torflex axle with two super single tires for simple maneuverability and a lesser footprint in the field.

YOU'VE GOT OPTIONS

PLUMBING

- ✓ BYPASS
- ✓ PIG LAUNCHER
- ✓ BYPASS & PIG LAUNCHER
- ✓ CLEAN OUT

250 BOOSTER ENGINE OPTIONS

ENGINE SIZE	BRAND	AXLE REQUIREMENT
300 HP	JOHN DEERE	10,000 lbs.
375 HP	JOHN DEERE	10,000 lbs.
400 HP	JOHN DEERE	10,000 lbs.



HYDRAULIC GATE VALVES

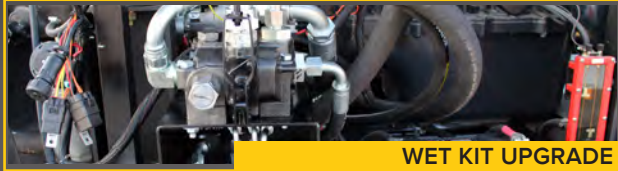


ENGINE HOOD & LED LIGHTING

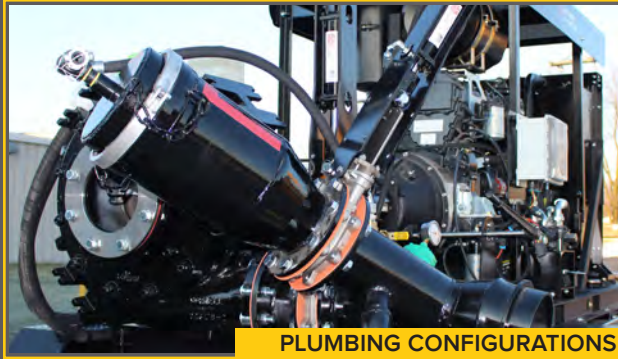
350 GALLON

BOOSTER PUMP TRAILER

We don't believe in the "one size fits all" mentality. Choose your trailer, choose your options. Create a customized trailer that best fits your operation and we will build it to a high standard.



WET KIT UPGRADE



PLUMBING CONFIGURATIONS

STANDARD PLUMBING: PIG LAUNCHER, BYPASS, CLEAN OUT & STAINLESS STEEL ORBINOX VALVES EQUIPPED FOR NEXUS.

- 350 BOOSTER
ENGINE OPTIONS
- ✓ 500 HP JOHN DEERE
 - ✓ 550 HP JOHN DEERE
 - ✓ 550 HP CAT
 - ✓ 600 HP JOHN DEERE
 - ✓ 700+ HP CAT

- AXLE OPTIONS
- ✓ 14,000 LB TANDEM SPRING AXLES
 - ✓ 16,000 LB SINGLE SPRING AXLE | **SUPER SINGLE TIRES**
 - ✓ 16,000 LB SINGLE SPRING AXLE | **FLOTATION TIRES**

LED LIGHTING

CONNECT NEXUS



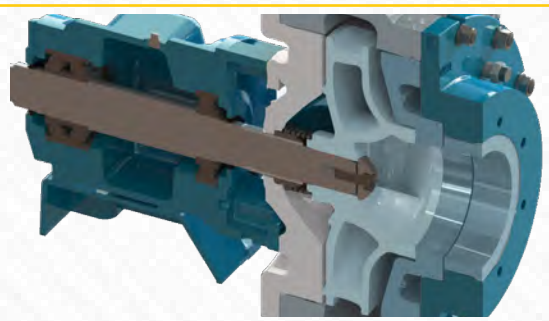
CONTROL ALL HYDRAULIC GATE VALVES REMOTELY WITH NEXUS

STANDARD

CORNELL PUMPS

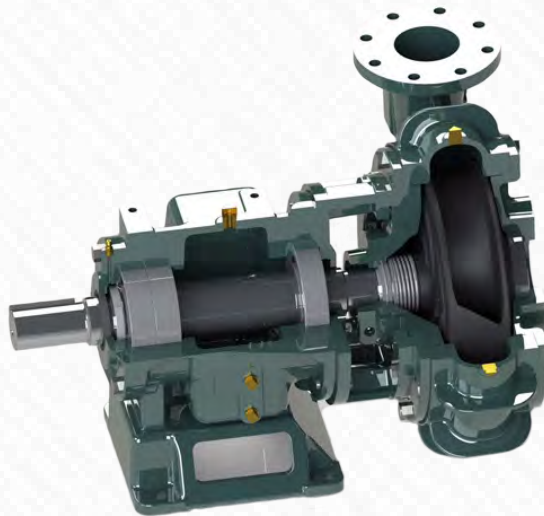
PROVEN TECHNOLOGY

Standard manure pumps have a rigid, heavy walled construction and the patented Cycloseal® design, which removes solids and other abrasive materials from the seal area. Extend seal life, reduce maintenance costs, and minimize downtime in the field with these pump offerings.



3" DIAMETER IMPELLER

Compared to the 2" impeller in the 6NHTB-19, the 6NHTC-19 and 6819MPC offer a 3" diameter impeller that increases the solids handling capabilities and flow rates.



MOUNTING TYPES

- ✓ ENGINE MOUNT SAE 1
- ✓ ENGINE MOUNT SAE 2
- ✓ ENGINE MOUNT SAE 3
- ✓ FRAME MOUNT

MP SERIES

CORNELL PUMPS

The **MP Series** is specifically designed for course slurry, such as sand, and offers high operating pressures. These pumps also include the patented and highly-regarded Cycloseal® technology, which removes solids and abrasive material from the seal area. This technology extends the life of the seal, reduces maintenance costs, and minimizes downtime in the field.

WHITE IRON

The Brinell Hardness Number (BHN) depicts the material's hardness factor. White iron is an extremely strong and durable material that provides more than 2x the wear resistance of a standard pump.

STANDARD

CV

Hardness Factor
230 - 300 BHN

AVAILABLE

MODELS

4414T
4514T
4NHTB
6NHTB-19
6NHTC-19

HYBRID

HYB

Hardness Factor
230 - 650 BHN

AVAILABLE

MODELS

4517MP
6819MP
6819MPC
81022MP

FULL WHITE IRON

CAC

Hardness Factor
>650 BHN

AVAILABLE

MODELS

4517MP
6819MP
6819MPC
81022MP

DUCTILE

IRON

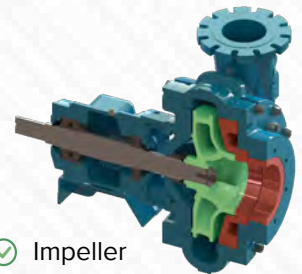
NO WHITE IRON COMPONENTS



- Impeller
- Wear Plate
- Volute
- Back Plate

WHITE IRON

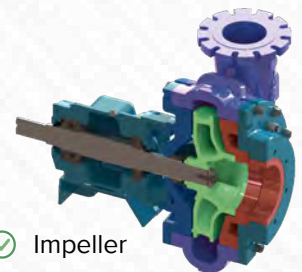
COMPONENTS



- ✓ Impeller
- ✓ Wear Plate

WHITE IRON

COMPONENTS



- ✓ Impeller
- ✓ Wear Plate
- ✓ Volute

MANTIS

LAGOON STICK



IMPROVE YOUR FLOW

TOTAL LENGTH | 54 '

Reach greater depths without breaking the bank. The Mantis is a low cost, alternative solution that increases manure flow with a lower HP requirement.

85° HORIZONTAL LIFT WHEEL TRAVEL



CONNECTIONS

- ✓ HSG
- ✓ CAM LOCK
- ✓ BALL AND RING

PLUMBING

SCH 20 PIPE AND DISCHARGE HOSE

- ✓ 10"
- ✓ 12"

HYDRAULIC STABILIZER LEGS



YOU'VE GOT OPTIONS

SUBMERSIBLE
HEADER PUMPS

- ✓ 15" NUHN | HYDROSTAT DRIVE | 3,000 GPM
- ✓ 17" NUHN | HYDROSTAT DRIVE | 3,500 GPM
- ✓ 20.5" NUHN | HYDROSTAT DRIVE | 4,500 GPM

SPECIFICATIONS

HYDRAULICS

- ✓ SUBMERSIBLE PUMP OPERATED BY MAIN PUMP HYDRAULIC SYSTEM
- ✓ SUBMERSIBLE HYDRAULIC HOSES ARE SPECIFIC TO THE SUBMERSIBLE PUMP WITH FLUSH FACE COUPLERS
- ✓ CUSTOM HOSE LENGTHS FOR SPECIAL APPLICATIONS AVAILABLE

HOSE HUSTLER SERIES

AVAILABLE MODELS

HHI 6" hose

HHI - HD 8" & 10" hose

HHII 6" & 8" hose

HHIII 8" & 10"

HHIII - HD 10" & 12"

Our patented side shift technology gives the HH the ability to move horizontally to one side, allowing easy movement of the hose in various situations. Move hose to a previously applied section to fully cover the remainder of the field with a single pass.

Extend the life of your hose with our Hose Hustler series by reducing tension as you work. A HH provides greater flexibility, minimizing the need to shut down while moving through the field.

PATENTED

SIDE SHIFT TECHNOLOGY





ROGUE

HOSE REEL

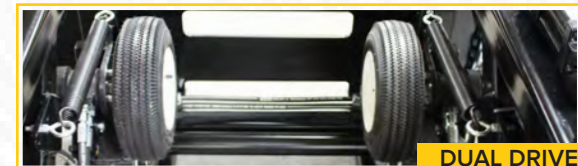
VERSATILITY DEFINED

Originally developed for the Oil & Gas Industry, this reel's design has been improved & tailored to accommodate the Ag Industry. With improved safety features, reduction of manpower, and hydraulically controlled reel functions, this is one of the most versatile and compact reels in the Ag Industry.

HOSE CAPACITY
[660' SECTIONS]

10" HOSE 1 section | .125 miles

12" HOSE 1 section | .125 miles



DUAL DRIVE

These small reels are easily maneuverable, making it convenient to lay hose around obstacles or in areas with narrow openings.

By choosing the shortest route from your manure source to the applicator, you will reduce the friction loss that occurs through the line.



DOMINATE OBSTACLES



BASE UNIT DEPLOYER

The optional quick attach base unit allows for a smooth deployment of large diameter layflat hose.

This base unit deployer is available in single, or dual wheel drive. The dual wheel design improves traction in harsh climates and less than ideal weather conditions for smooth deployment and retrieval.



PTO BOOSTER PUMP

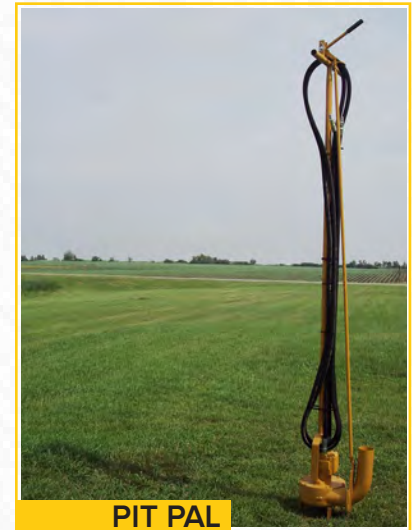
The PTO Booster Pump is optimal for larger fields and longer distances of hose when pressure loss is more likely to occur.

Available Pump Sizes: 451MP | 4NHTB | 4414T



TRENCH PAL

The Trench Pal has the ability to pump thick liquids with a capacity of 800 GPM with no need for priming.



PIT PAL

The power to agitate 800 to 1,100 GPM.

It's the little things that make all the difference, like PTO Booster Pumps, Trench Pals, Pit Pals, and Portable Pig Launchers. Adding an in-line portable pig launcher allows you to clear the last few sections of hose. This keeps the feeder hose full at all times, saving you time moving between sets. Proper placement is the key to effectiveness.

EXTRAS



✓ 6" OPTION

✓ 8" OPTION

Consult our team of experts for proper pig launcher placement.

GROUND TRACKER

SERIES TANK BAR

EASILY **TRACK** FIELD **CONTOURS**

 **THEY SEE US ROLLIN'** | youtube.com/BazookaFarmstar/

Track contours without sacrificing top-notch performance of your injection units. The Ground Tracker Series cutting edge design reduces strain on tanks and injectors, extending the useful life of your equipment. Two Phantom Injectors are attached to each swivel mount, each mount has the ability to travel 30 degrees in each direction.

HYDRAULICS

Travel locks are sequenced with lift cylinders for ease of operation. Hook up to the tractor with a single hydraulic line.

INJECTOR SPACING 24" 30"

ROW UNITS 8 10

GPA COVERAGE 2,500 3,000 6,000 9,000 12,000 15,000



COMPACT TRAVEL WIDTH



DUAL PHANTOM INJECTORS



LOW MOUNT MANIFOLD

 COMPLETE CONTOUR COVERAGE

 UNIFORM DISTRIBUTION

FOLDING

With vertical folding wings, this bar can accommodate more row units and conveniently transport down roadways.

RIGID

This bar features a simple design with a heavy-duty, rigid frame.

COVER CROPS

Safely apply nutrients to cover crops while minimizing soil disruption and damage to the crops.

NARROW TRAVEL WIDTH

HEAVY-DUTY CONSTRUCTION



REDUCED FUEL CONSUMPTION

16" 18" 20" 24" 30"

INJECTOR SPACING

5 6 7 8 10

ROW UNITS

2,500 3,000 6,000 9,000 12,000 15,000 18,000

GPA COVERAGE

With a large number of row unit and injector spacing options available, customize your tank bar to fit your specific needs, while minimizing soil disturbance, odor, and fuel consumption. Our bars are compatible with Houle, Jamesway, Nuhn, and Patz tanks.

THE AUTHENTIC **SOLUTION**

PHANTOM

TANK BAR



TANK MANIFOLD

AND PLUMBING

40% **MORE** FLOW

When you can achieve a higher flow rate than the standard distributor, you can't afford not to have a Bazooka Farmstar Timed Manifold mounted to the back of your manure tank. The manifold and plumbing is a stationary fixture mounted directly onto the back of the tank. The top of the timed manifold is located just 73" off the ground, making it safe and easy to access.

HOW WE STACK UP AGAINST THE OTHER GUYS

Study by Daniel Andersen
Iowa State University
Ames, Iowa

MANIFOLD: BF Tank Manifold
with 12, 3 inch ports

TANK: 7300 Houle Tank

APPLICATION RATES: 1,000 - 6,000 GPA

SLOPE: 0%, 3%, 6%

SPEED: 5 MPH

PERFORMANCE **REPORT**

A study performed by the Iowa State University Extension found that the manifold had less variation as the slope increased, proving it could handle challenging terrain while continuing to inject manure into the ideal root zone.

- Dr. Daniel Andersen,
Ames, IA



BAZOOKA BENEFITS



BRAND FLEXIBILITY



INCREASED NUMBER OF PORTS



UNIFORM DISTRIBUTION



GREATER FLOW



EASY ACCESS AND CLEANING

YOU'VE GOT OPTIONS

Whatever you're pulling, we've got a solution. Our Timed Manifold is compatible with additional makes and models upon request.

HOULE TANK
COMPATIBILITY



7300



7900



9500

3" PORT CAPACITY UP TO 15

2.5" PORT CAPACITY UP TO 18



CROSSFIRE Series

BE A #GAMECHANGER