

# MASABA



**PRODUCT CATALOG**



## OUR STORY

# MASABA

Masaba, Inc. was formed in 1962 with a mission to design and build rugged equipment to withstand the demanding environments of the mining and aggregate industries. We know what it takes to make equipment that not only works, but lasts. Masaba's wide range of products include conveying and material handling equipment, portable and modular systems for crushing, screening and washing, and a variety of custom engineered solutions - all designed and manufactured specifically to the customer's needs.

Harold Higman, Sr. founded Higman Sand & Gravel in 1939. Since equipment was hard to come by at the time, he had to be innovative in his

approach, and consequently, designed much of his own equipment. Harold Higman, Jr. formed Masaba in 1962, incorporating what he had learned from his father and began building equipment tough enough to withstand the everyday abuse of mining environments.

Harold's Son, Jerad took over Masaba in 1999. With a degree in mechanical engineering and having grown up working side-by-side with his father, he learned what it takes to build the most rugged equipment in the industry and has built a talented team that works closely with their customers to provide customized solutions.



### OUR MISSION

**Design & Build Rugged Equipment for the World.**

### OUR CORE VALUES

- » Safety First
- » Customer Driven
- » Accountability
- » Team Focused
- » Civic Minded
- » High Character

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# MAGNUM

TELESCOPING CONVEYOR



## Magnum Telescoping Radial Stacker

### THE MOST RUGGED TELESCOPING CONVEYOR IN THE WORLD

Masaba's Magnum Telescoping Conveyor is the safest, most rugged telescoping conveyor on the market. The patented design provides constant positive traction and smoother operation of the stinger, improving long term durability with minimal annual maintenance required.

Ranging from 100 feet to 190 feet, we have a Magnum to suit your needs. Custom solutions are our strong suit. If one of our standard Magnums does not suit your need, we will custom engineer one for you.

#### CONVEYOR DEFINITIONS

### MAGNUM

TELESCOPING CONVEYOR

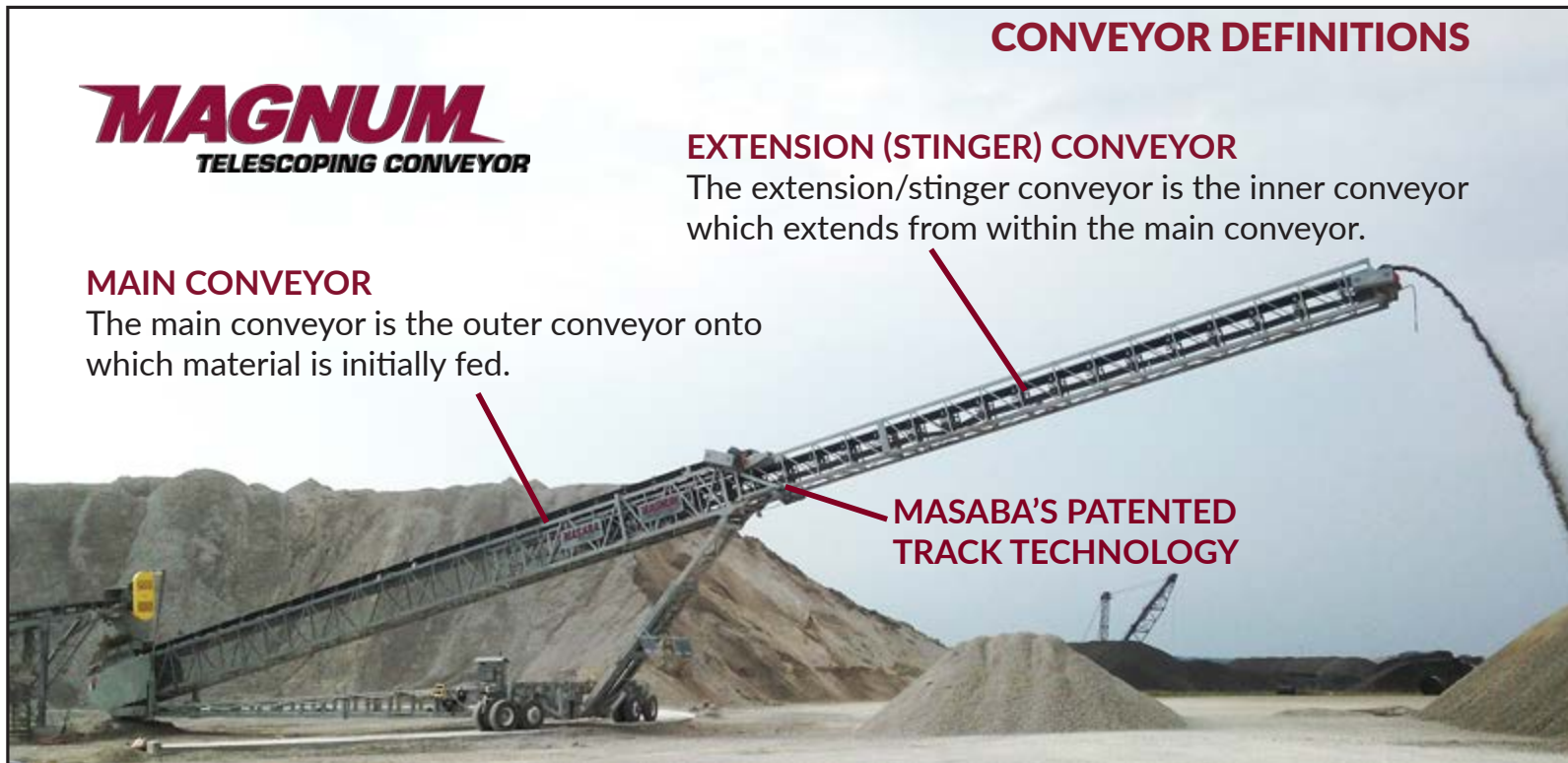
#### MAIN CONVEYOR

The main conveyor is the outer conveyor onto which material is initially fed.

#### EXTENSION (STINGER) CONVEYOR

The extension/stinger conveyor is the inner conveyor which extends from within the main conveyor.

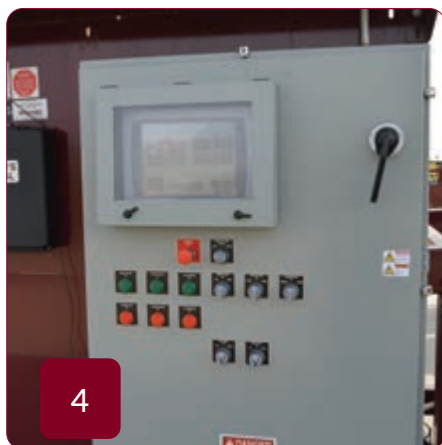
#### MASABA'S PATENTED TRACK TECHNOLOGY



#### WORLD-CLASS AUTOMATION

Masaba's Programmable Logic Control (PLC) is the most user-friendly on the market. A large color touchscreen provides easy interaction and high visibility. The PLC, in conjunction with variable speed wheel drives, creates the highest quality desegregated piles.

Three encoders work the PLC to accurately locate X, Y, and Z locations of the head pulley. Four customizable programs enable users to choose their stockpile preference. We use all NEMA class components to ensure reliability in the field.

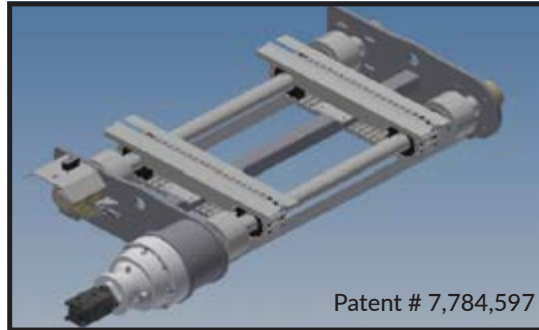


# MASABA'S PATENTED TRACK DRIVES

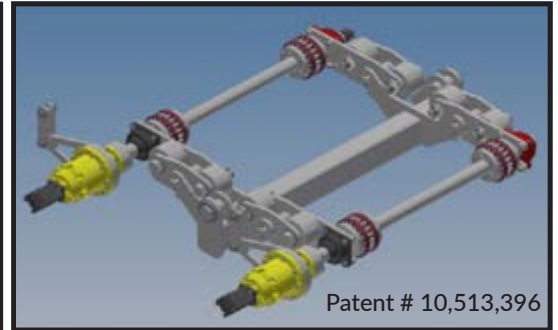


With our patented track technology, Masaba's Magnum Telescoping Conveyor is the safest, most rugged telescoping conveyor on the market.

- Our patented designs provide constant positive traction and smoother operation of the stinger, improving long term durability with minimal annual maintenance required.
- No cable maintenance issues associated with winch systems - eliminates danger of cable breakage and uncontrolled rollback.
- Masaba's pin hub stinger drive adds additional degrees of movement & pivot points for maximum support on our heavier models.



Patent # 7,784,597



Patent # 10,513,396

SERIES 1
Driven by Single Gear Box
Chain on Sprockets Drive Stinger
Spline Shaft Gearbox Connection

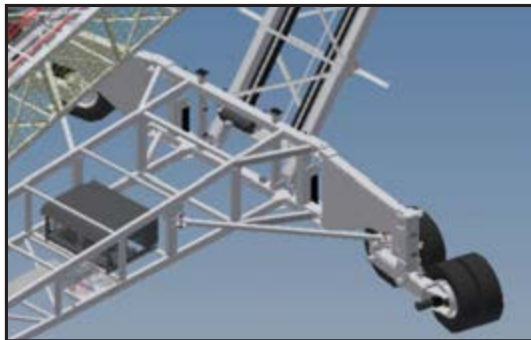
SERIES 2
Driven by Dual Gear Boxes
Pin Hubs Drive Stinger
Keyed & Press Fit Gearbox Connection



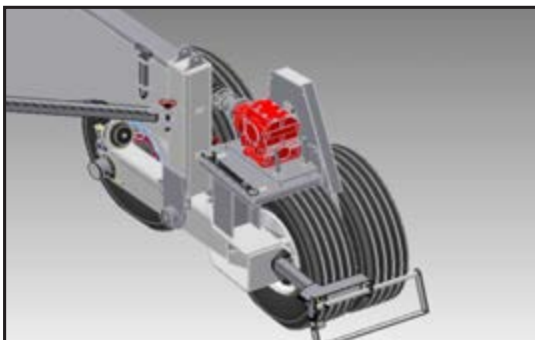
## AXLE/DRIVE UNDERCARRIAGE OPTIONS



FA - Folding Axle



SA- Hydra Shift



SA - Chain - Swing Axle Chain & Sprocket Drive



PP - Pit Portable configurations includes: Swing Axle w/Walking Beams, Heavy Duty Folding Axle, In-Line Quad Wheel, Tracks and others

Masaba offers multiple axle drive system configurations to suit your needs in the field.

- **Masaba's Folding Axle (FA)** allows for easy transition between operation and travel positions. Both axles can be hydraulically raised or lowered independently or at the same time, simplifying the leveling process. FA axles are available in both 2 and 4-wheel drive models.
- **The Swing Axle (SA)** system provides the widest and most stable radial footprint in the industry. A Variable Speed wheel drive allows for even distribution of material in-pile for fully desegregated stockpiles. An optional 4-wheel drive system ensures positive traction in the field.
- **The Hydra Shift** option simplifies the setup process and reduces maintenance time by removing the chain. Omni-Shift allows the operator to engage and disengage the drive simply by flipping a lever on the hub.

Tracked Tugger option available upon request.



*Low Profile (LP) vs. Standard Receiving Hopper (HP)*

<b>MAGNUM STANDARD CONFIGURATIONS - LOW PROFILE RECEIVING HOPPER W/SWING AXLE (BASED ON 100 #/CU. FT. OF MATERIAL AND BELT SPEED 400 FPM @ 18°)</b>							
Conveyor Length	100'	110'	130'	140'	150'		
Belt Width (Inches)	36	36	36	36	30	36	42
Capacity (TPH)	1000	1000	1000	1000	500	1000	1500
<b>Operational Dimensions</b>							
Min Extended Discharge Height	20' 5"	21' 10"	27' 3"	27'	28' 11"	28' 11"	28' 11"
Max Extended Discharge Height	30' 7"	34' 6"	40'	43'	46'	46'	46'
Max Feed Height	29'	32' 8"	38' 6"	41' 7"	44' 7"	44' 7"	44' 7"
Pile Volume in Tons							
90°	12,935	18,411	28,898	37,240	46,674	46,674	46,674
180°	23,179	32,956	51,668	66,588	83,430	83,430	83,430
270°	33,422	47,502	74,437	95,935	120,186	120,186	120,186

<b>MAGNUM STANDARD CONFIGURATIONS - HIGH PROFILE RECEIVING HOPPER W/SWING AXLE (BASED ON 100 #/CU. FT. OF MATERIAL AND BELT SPEED 400 FPM @ 18°)</b>											
Conveyor Length	130'		150'				170'			190'	
Belt Width (Inches)	36	42	36	42	48	60	36	42	48	36	42
Capacity (TPH)	1000	1500	1000	1500	2000	3000	1000	1500	2000	1000	1500
<b>Operational Dimensions</b>											
Min Extended Discharge Height	26' 11"	26' 11"	30' 5"	30' 5"	32' 4"	33' 10"	37'	37'	39' 3"	37' 3"	37' 3"
Max Extended Discharge Height	43' 11"	43' 11"	49' 8"	49' 8"	50' 2"	51' 2"	56' 4"	56' 4"	57' 3"	62' 6"	62' 6"
Max Feed Height	41' 10"	41' 10"	47' 3"	47' 3"	47' 8"	48' 4"	54'	54'	54' 4"	60'	60'
Pile Volume in Tons											
90°	36,653	36,653	52,131	52,131	53,181	52,103	73,124	73,124	71,855	104,097	104,097
180°	65,123	65,123	92,684	92,684	94,568	92,299	129,811	129,811	127,319	184,821	184,821
270°	93,594	93,594	133,237	133,237	135,955	132,495	186,498	186,498	182,782	265,546	265,546

Custom Magnums Available. Contact us for details.

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NOTE: Dimensions will vary based on axle configurations, options, etc. All dimensions are subject to change. For dimensions and drawings of specific models, please contact Masaba at 1-877-627-2220.



## Low Profile Truck Unloaders

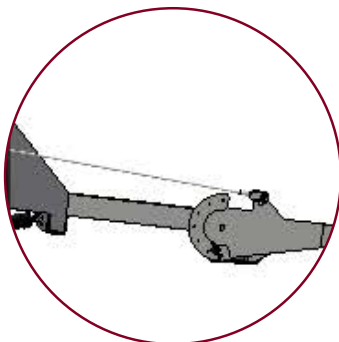
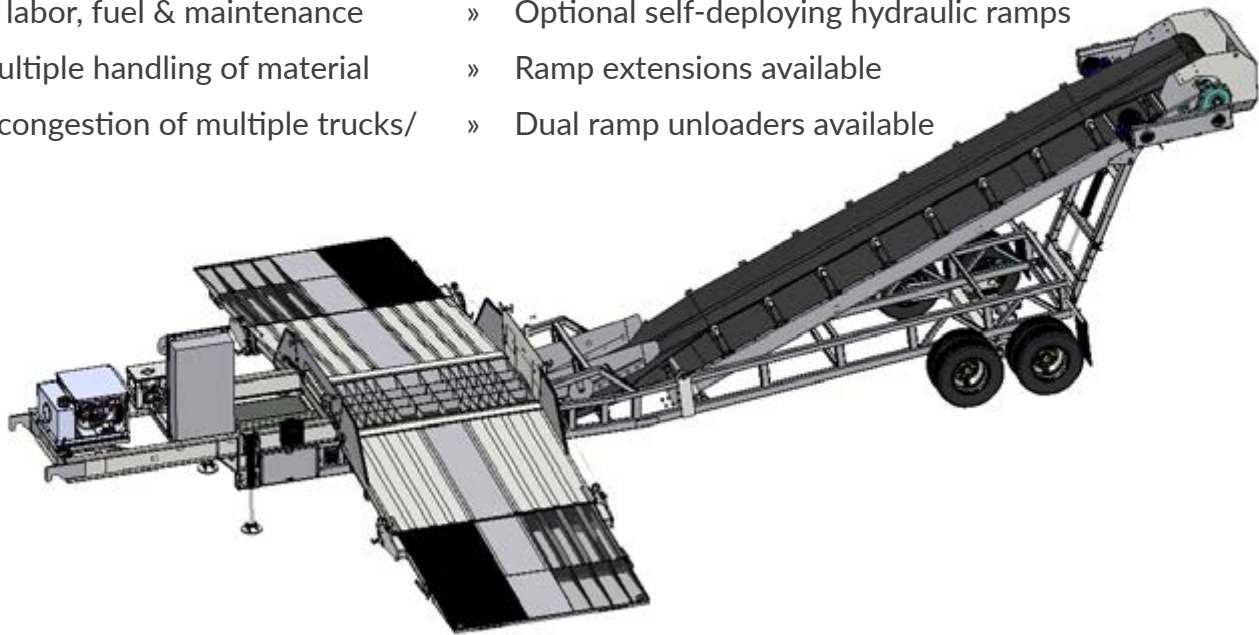
### THE MOST RELIABLE TRUCK UNLOADERS AVAILABLE

Whether you need an unloading system for stationary applications or a completely portable piece of equipment, our engineers will work with you to design the ideal truck unloader for your operation.

For an easy, portable truck unloader, our drive-over hydraulic ramps keep unloading simple, while our rugged stationary unloaders are a reliable and practical, permanent solution.

#### KEY BENEFITS

- » Savings in labor, fuel & maintenance
- » Reduce multiple handling of material
- » Eliminate congestion of multiple trucks/loaders
- » Optional self-deploying hydraulic ramps
- » Ramp extensions available
- » Dual ramp unloaders available



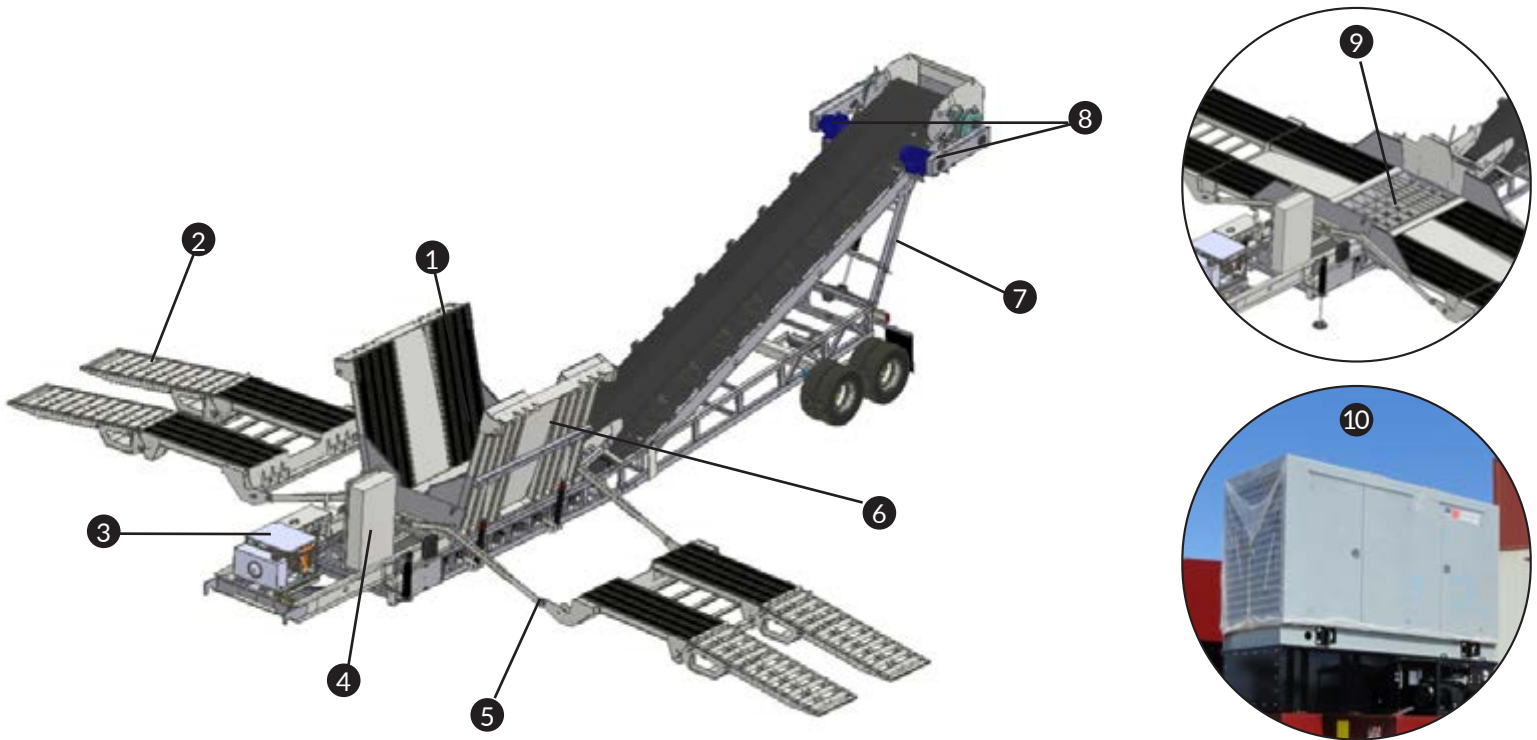
**Optional Self-Deploying Ramps**  
Masaba's patented hydraulic cable system eliminates the need for additional equipment to lift or move.



**Discharge Hood**  
with 1/4" AR steel liners to feed 36" belt width or greater.



**Wireless Remote Control**  
Easily pair your truck unloader with our Magnum Telescoping Conveyor with the wireless remote.



- 1. Self cleaning hydraulic ramps
- 2. Extended ramp option
- 3. 20 HP electric auxiliary hydraulic pump
- 4. NEMA 4 control panel
- 5. Optional self-deploying ramps
- 6. Heavy duty steel ramps to grade
- 7. Hydraulically adjustable discharge height
- 8. Class II dual drives
- 9. Removable drive-over grizzly bars
- 10. Optional Gen Set

MODEL	48" Single Lane	72" Single Lane
<b>OPERATIONAL DIMENSIONS</b>		
Capacity (based on 100 PCF material)	1,000 TPH	1,500 TPH
Conveyor Length	45'	56'
Ramp Width	10' 1"	10' 1"
Max. Discharge Height	11' 4"	12' 1"
Min. Discharge Height	7' 10"	8' 1"
<b>TRAVEL DIMENSIONS</b>		
Length	64' 1"	71' 4"
Height	13' 1"	13' 2"
Width	11' 10"	11' 11"
Axle Weight	24,300 lbs	34,680 lbs
Kingpin Weight	15,100 lbs	18,000 lbs

48" and 72" Dual Lane Truck Unloaders available upon request.

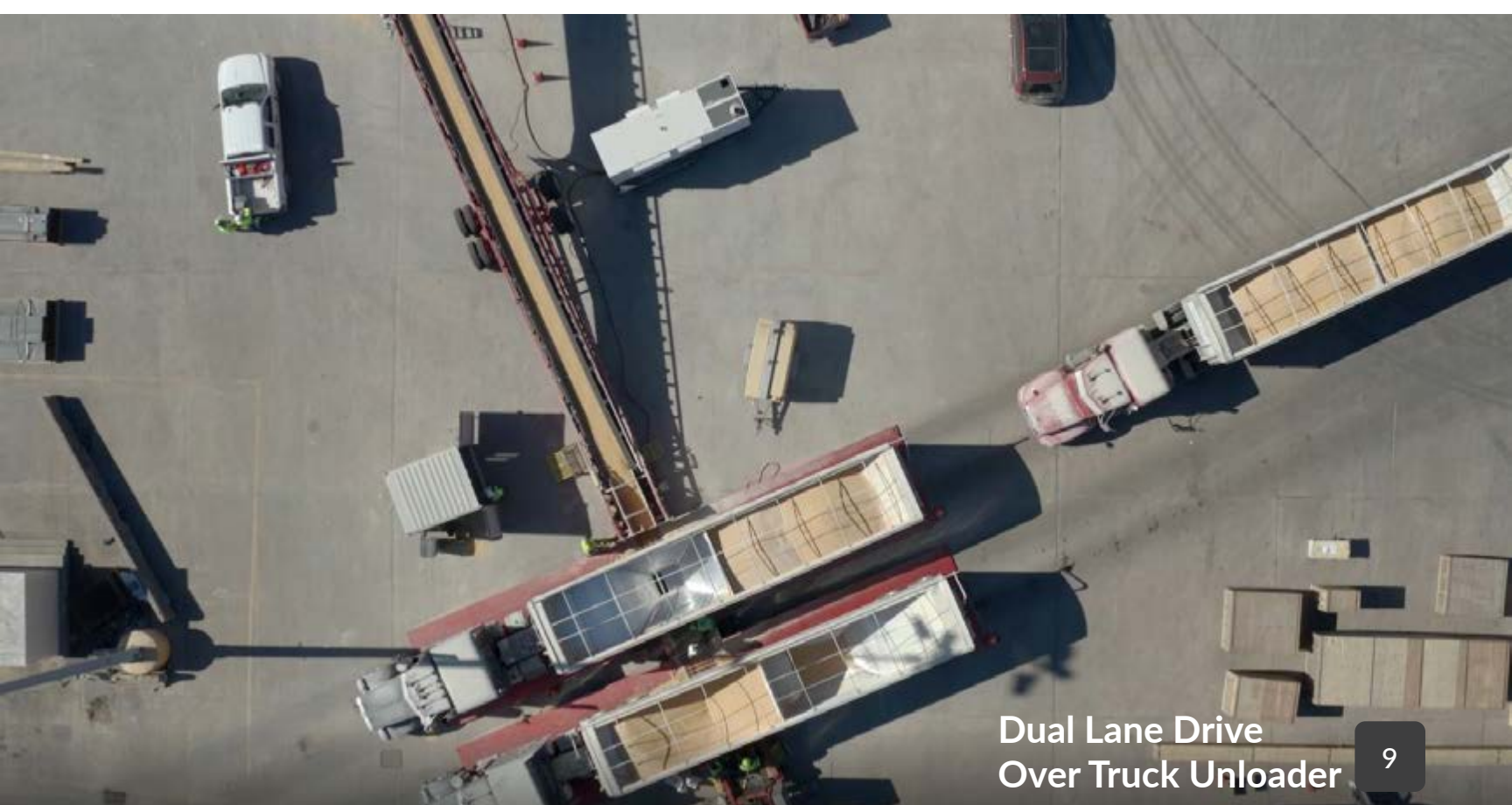




Stationary Truck Unloader



Side Dump Truck Unloader



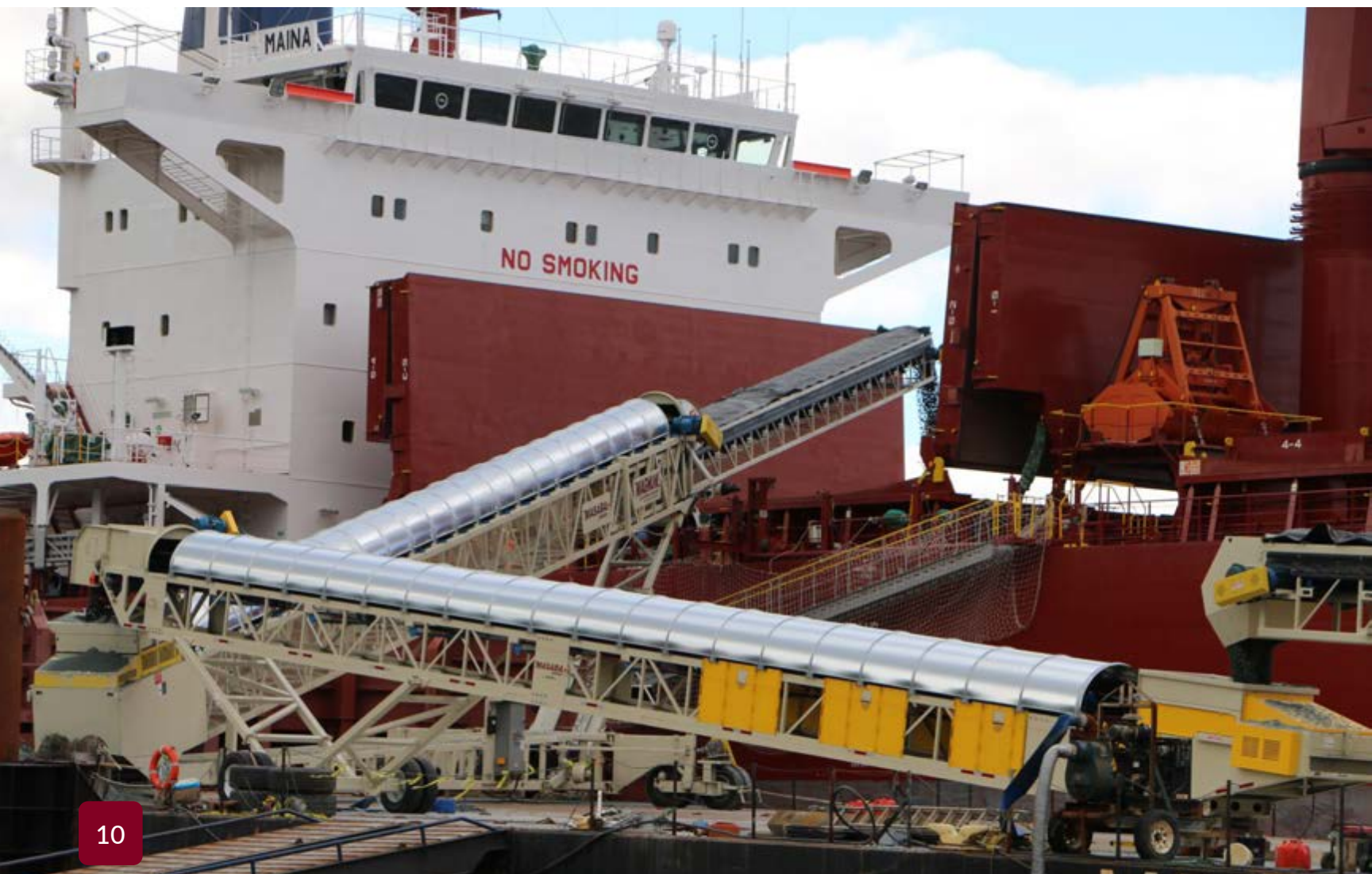
Dual Lane Drive  
Over Truck Unloader



## Ship loading

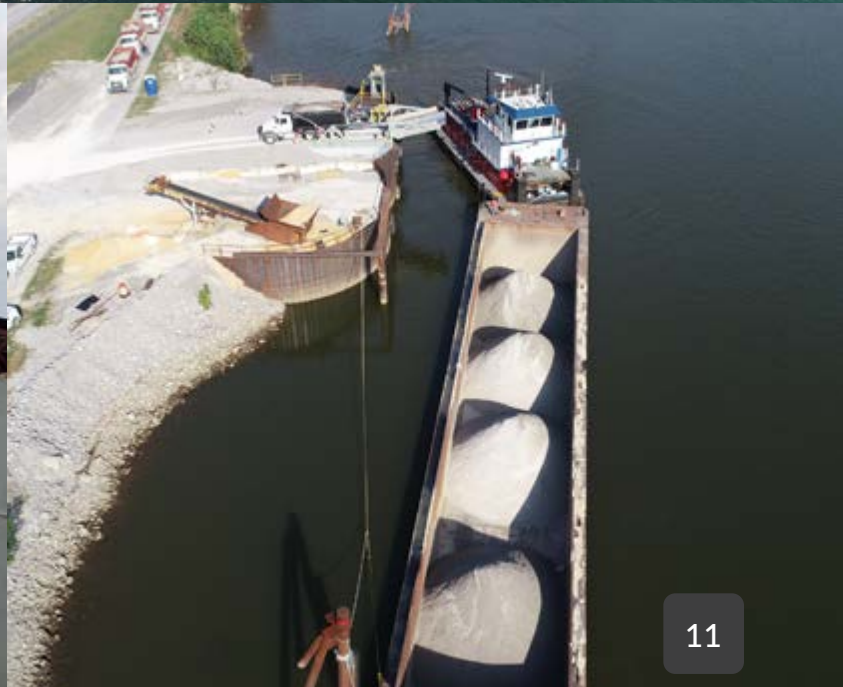
### PAIRED FOR MAXIMUM PERFORMANCE

Pair Masaba's Truck Unloader with our rugged Magnum Telescoping Conveyor for customizable automation to maximize your output and performance. Our custom configurations offer the mobility needed for ship loading systems, providing significant cost savings over a permanent, fixed system. Masaba has YOUR solution for your diverse application needs.





Ship loading





## Radial Stacking Conveyors

### THE MOST DURABLE RADIAL STACKERS AVAILABLE

Masaba has been designing and improving the most durable, reliable portable conveyors on the market for generations. A portable conveyor system from Masaba provides a quick and hassle-free transition from travel position to being fully operational.

If you like hard-working machinery that offers convenience and peace of mind, let the engineering team at Masaba work with you to design the perfect solution.

#### STANDARD FEATURES

- » Base Plate
- » Manual Raise and Lower
- » Manual Fold
- » Fixed Axle
- » Hopper with Adjustable Flashing
- » 2-Ply Belting
- » Mechanical Splice Belting
- » Class II Head Drive Standard
- » CEMA B Idlers Standard
- » PPI Pulleys
- » Dodge Bearings/Reducer
- » WEG Motor

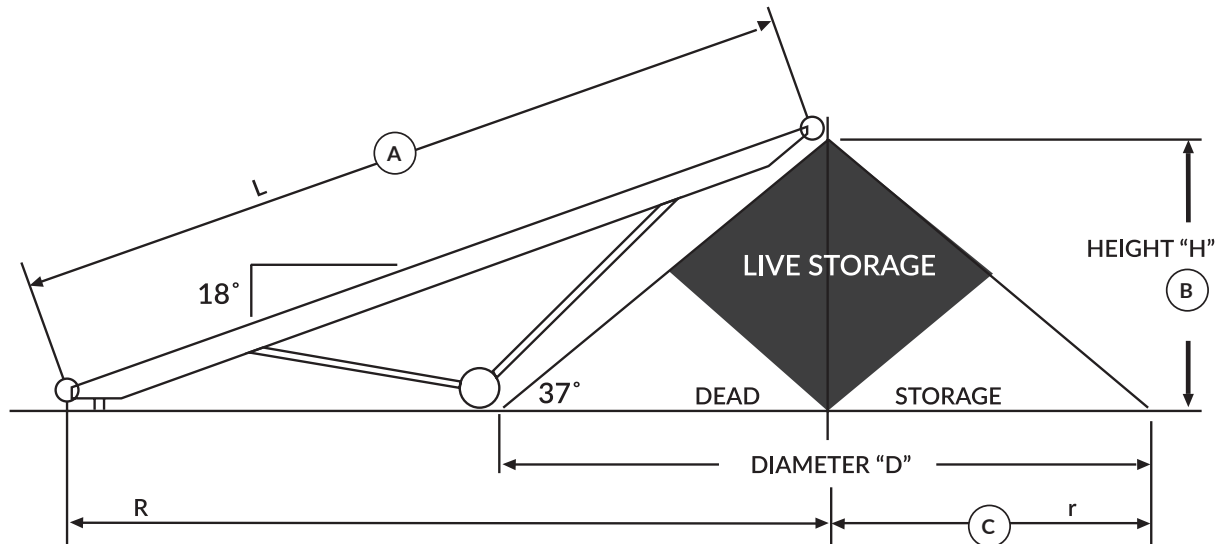
#### OPTIONS

- » Pivot Base Plate for 5th Wheel
- » Anchor Plate for Fixed Tail
- » Hydraulic Raise and Lower
- » 13 HP electric Gas Powered Unit
- » Hydraulic Fold
- » Electric Power Travel
- » Hydraulic Fold Down Radial Axles
- » NEMA 4 Switch Gear
- » 100' Electrical Lead Cord
- » Landing Gear
- » Hydraulic Axle Jacks
- » Road Portability
- » Hopper Options Include:
  - » AR Liners
  - » Radial Receiving Hopper
  - » Rock Box Hopper
- » Timber Lifting Kit
- » 3-Ply Belting
- » Vulcanized Belt Splice
- » CEMA C Idlers
- » Belt Scraper



## Radial Stacker Base Model Configurations

CONVEYOR STANDARD CONFIGURATION CAPACITY (BASED ON 100 #/CU. FT. OF MATERIAL AND BELT SPEED 400 FPM @ 18°)												
Conveyor Length	60'		70'		80'		100' w/fold		110' w/fold		125' dual fold	
Belt Width	30"	36"	30"	36"	30"	36"	30"	36"	30"	36"	30"	36"
Capacity (TPH)	500	750	500	750	500	750	500	750	500	750	500	750



STOCKPILE VOLUME (TONS BASED ON 100#/CU. FT. OF MATERIAL, CONVEYOR INCLINE $18^\circ$ , STOCKPILE ANGLE OF REPOSE $37^\circ$ )					
(A) Conveyor Length	60'	70'	80'	100'	125'
(B) Maximum Pile Height	20' 4"	24.5'	27.5'	32.5'	39.5'
(C) Stockpile Radius	27'	32.5'	36.5'	43'	52.5'
Conical Pile Volume (Tons)	783	1,355	1,918	3,145	5,714
90°	3,339	5,585	8,020	13,819	25,066
180°	5,895	9,815	14,122	24,493	44,414
270°	8,451	14,045	20,224	35,167	63,764
Each Degree of Arc Rate	28.4	47	67.8	118.6	215

Formula for Pile Volume:

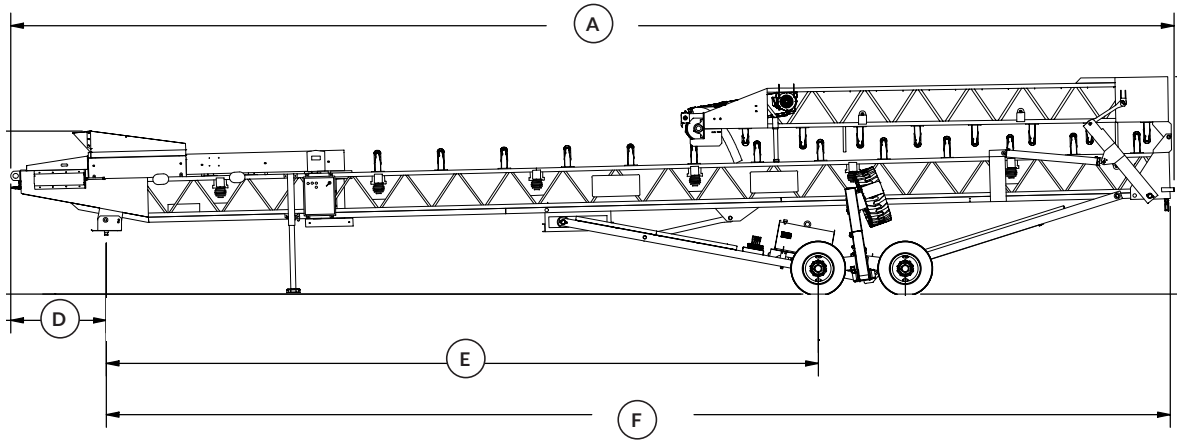
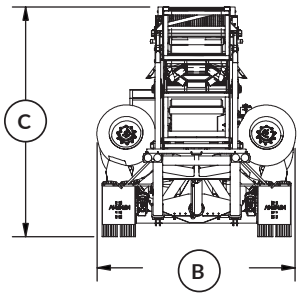
$$(\text{Degree of Arc Rate} \times \text{Degree of Arc}) + \text{Original Conical Pile Tonnage} = \text{Total Pile Volume}$$

Example of 60' Conveyor with  $105^\circ$  arc:

$$(28.4 \times 105) + 783 = 3,765 \text{ Tons}$$

Live storage at center of pile is theoretically 25% of total volume.

# Travel Dimensions of Standard Radial Stacking Conveyors



NOTE: Dimensions will vary based on axle configurations, options, etc. All dimensions are subject to change. For dimensions and drawings of specific models, please contact your sales representative.

TRAVEL DIMENSIONS (BASED ON 36" BELT WIDTH)						
Conveyor Length	60'	80' no fold	80' head fold	100' head fold	100' FA head fold	125' FA axle dual fold
(A) Total Length	63' 2-1/2"	84' 8-7/8"	68' 1/16"	80' 2"	73' 6-5/16"	70' 10-3/4"
(B) Width	11' 10"	11' 11-3/16"	11' 11-5/8"	11' 11-3/4"	11' 11"	11' 11-9/16"
(C) Height	12' 1/4"	13' 8-7/16"	14' 7/8"	14' 3/8"	13' 9"	13' 10-11/16"
(D) Kingpin to End of Tow Eye	3' 9-3/4"	5' 7-5/16"	4' 10-3/4"	5' 10-1/4"	6' 1/2"	3' 5-1/2"
(E) Kingpin to Axle	29' 8-1/2"	39' 3-1/4"	42' 7-3/4"	49' 8-1/2"	45'	30' 9-3/4"
(F) Kingpin to Conveyor End	59' 4-3/4"	79' 1-5/16"	63' 7-1/2"	74' 5-3/4"	67' 2-15/16"	67' 5-1/4"
Axle Weight (lbs.)	8,000	17,430	16,700	20,000	25,000	38,400
Kingpin Weight (lbs.)	1,000	1,070	4,690	4,700	6,500	7,300

Additional conveyor lengths available upon request.





## Transfer Conveyors

When pit management is a top priority and road portable equipment is a must, Masaba portable transfer conveyors offer efficient portable transfer solutions. Easy unloading and fast setup make these road portable conveyors the perfect tool for the fast-paced environment of the modern mining industry.

### STANDARD SIZES:

- » 36" x 40'
- » 36" x 60'
- » 36" x 70'
- » 36" x 80'
- » 36" x 100'
- » 42" x 60'
- » 42" x 70'
- » 42" x 80'
- » 42" x 100'
- » 48" x 60'
- » 48" x 70'
- » 48" x 80'
- » 48" x 100'

### STANDARD FEATURES:

- » Road/Pit Portable Options
- » Fast & Ready to Move
- » Class II Drives
- » Various CEMA Class Idlers
- » 3 Ply Belting
- » Swivel Block Wheels
- » Built to Outlast the Competition
- » Complete Line of Customizable Conveyors

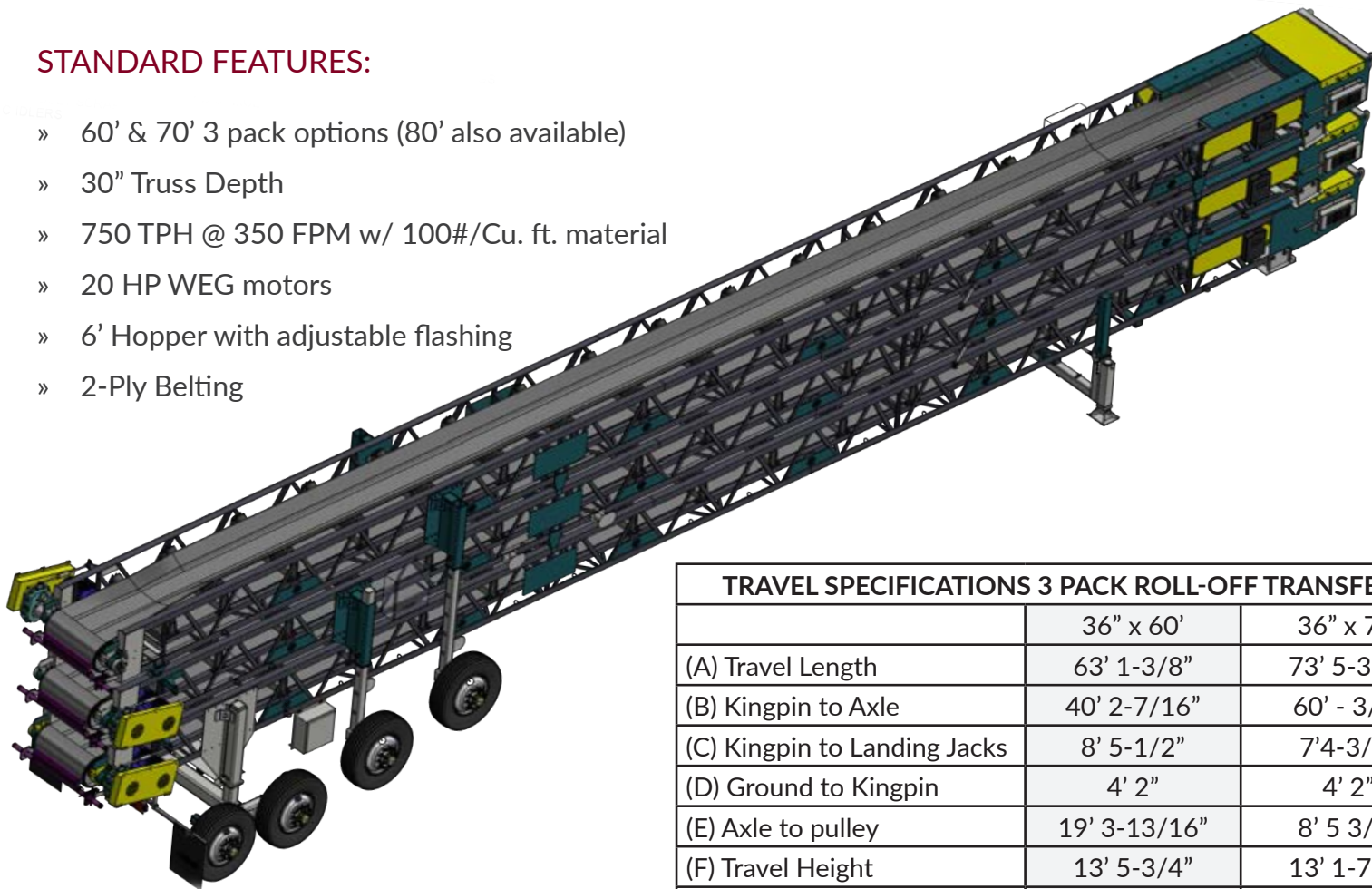




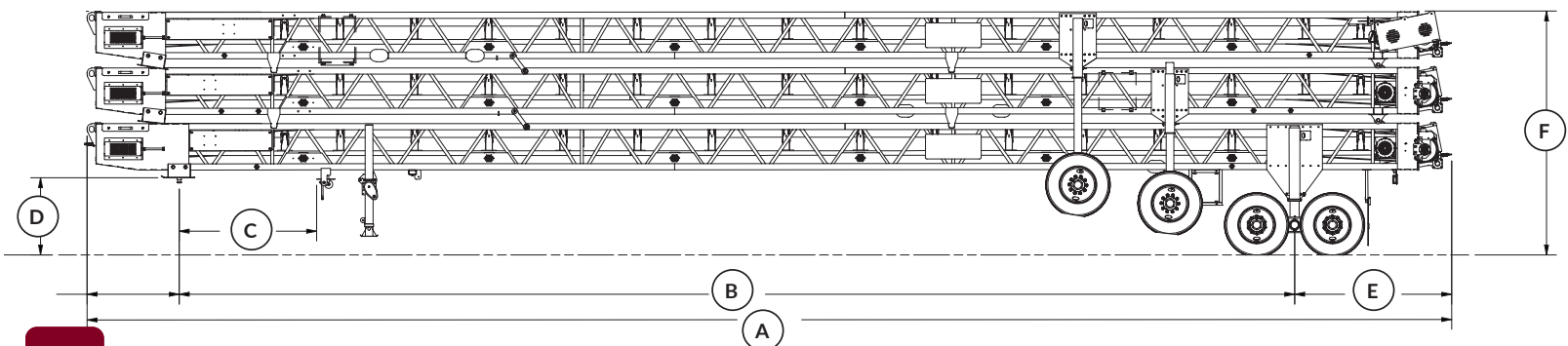
## 3-Pack Roll-Off Transfer Conveyors

### STANDARD FEATURES:

- » 60' & 70' 3 pack options (80' also available)
- » 30" Truss Depth
- » 750 TPH @ 350 FPM w/ 100#/Cu. ft. material
- » 20 HP WEG motors
- » 6' Hopper with adjustable flashing
- » 2-Ply Belting



TRAVEL SPECIFICATIONS 3 PACK ROLL-OFF TRANSFERS		
	36" x 60'	36" x 70'
(A) Travel Length	63' 1-3/8"	73' 5-3/4"
(B) Kingpin to Axle	40' 2-7/16"	60' - 3/4"
(C) Kingpin to Landing Jacks	8' 5-1/2"	7'4-3/4"
(D) Ground to Kingpin	4' 2"	4' 2"
(E) Axle to pulley	19' 3-13/16"	8' 5 3/8"
(F) Travel Height	13' 5-3/4"	13' 1-7/8"
Travel Width	11' 11"	10' 10-3/4"
Weight at Axle	28,600 lbs	23,900 lbs
Weight at Kingpin	11,300 lbs	16,200 lbs

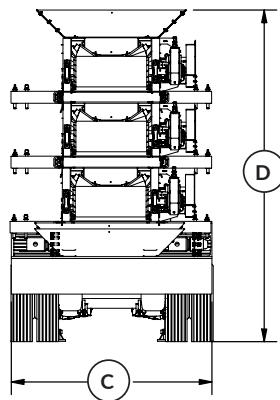
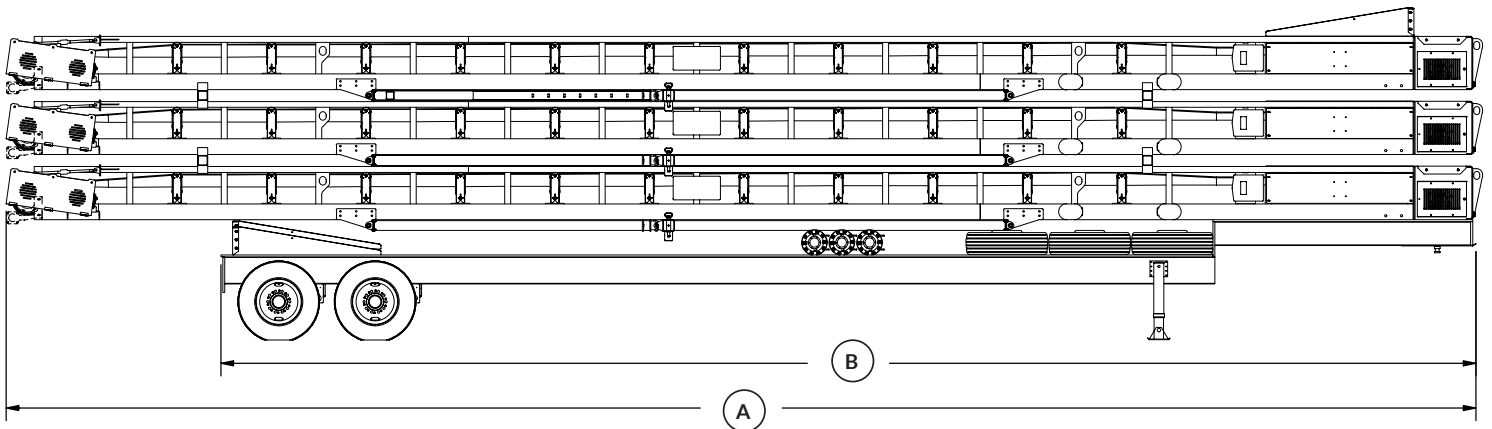




# Stackable 3 Pack Pack Conveyors

## STANDARD FEATURES:

- » Quickly transition between transport & operation
- » Efficiency in freight - multiple conveyors shipped together
- » Standard 60' conveyors
- » Adjustable height undercarriage
- » Fully customizable solutions



NOTE: Dimensions will vary based on axle configurations, options, etc. All dimensions are subject to change. For dimensions and drawings of specific models, please contact your sales representative.

### TRAVEL SPECIFICATIONS STACKABLE 3 PACK

	36" x 60'
(A) Travel Length	62' 2 3/4"
(B) Kingpin to Axle	53' 1 5/8"
(C) Width	8' 6"
(D) Height	14' 5/8"





## Stationary Conveyors

Designed for long distances or permanent operations, Masaba Stationary Conveyors are built with various options for your needs. We offer channel type and truss type conveyors. Custom engineered for any distance or application, our stationary conveyors will fit your needs. Our stationary conveyor options can be perfect for limited footprint areas like inside structures or hard to reach stockpiles.



- » Complete Customization Available
- » Get into the hard to reach places
- » Channel and truss type frame options
- » 5 year structural warranty





## Custom Conveyors

Designed for long distances or permanent operations, Masaba Stationary Conveyors are built with various options for your needs. We offer channel type and truss type conveyors. Custom engineered for any distance or application, our stationary conveyors will fit your needs. Our stationary conveyor options can be perfect for limited footprint areas like inside structures or hard to reach stockpiles.



Some of our custom conveyors include:

- » Tunnel Reclaim
- » Overland
- » Dozer Trap
- » Jumps/Grasshoppers





## Bins, Hoppers & Feeders

Masaba Feeders and Surge Bins are the perfect solution for any crushing application, increasing output and handling material surges from upstream equipment, to ensure downstream equipment needs. Masaba Feeders are designed with self-cleaning grizzly bars, guaranteed to keep material flowing and eliminate build-up. Complete your crushing and screening operation by maximizing output with Masaba bins, hoppers and feeders.



- » Your Solution for Stockpile Hassle
- » Seamless Transition from Loader to Conveyor
- » Endless Flow of Material, Less Black Belt Time
- » Reduces Wait Time for Dozers & Loaders
- » Increase Conveyor/Plant Output
- » Standard Bin Sizes Include:
  - » 8x14
  - » 9x16
  - » 10x16



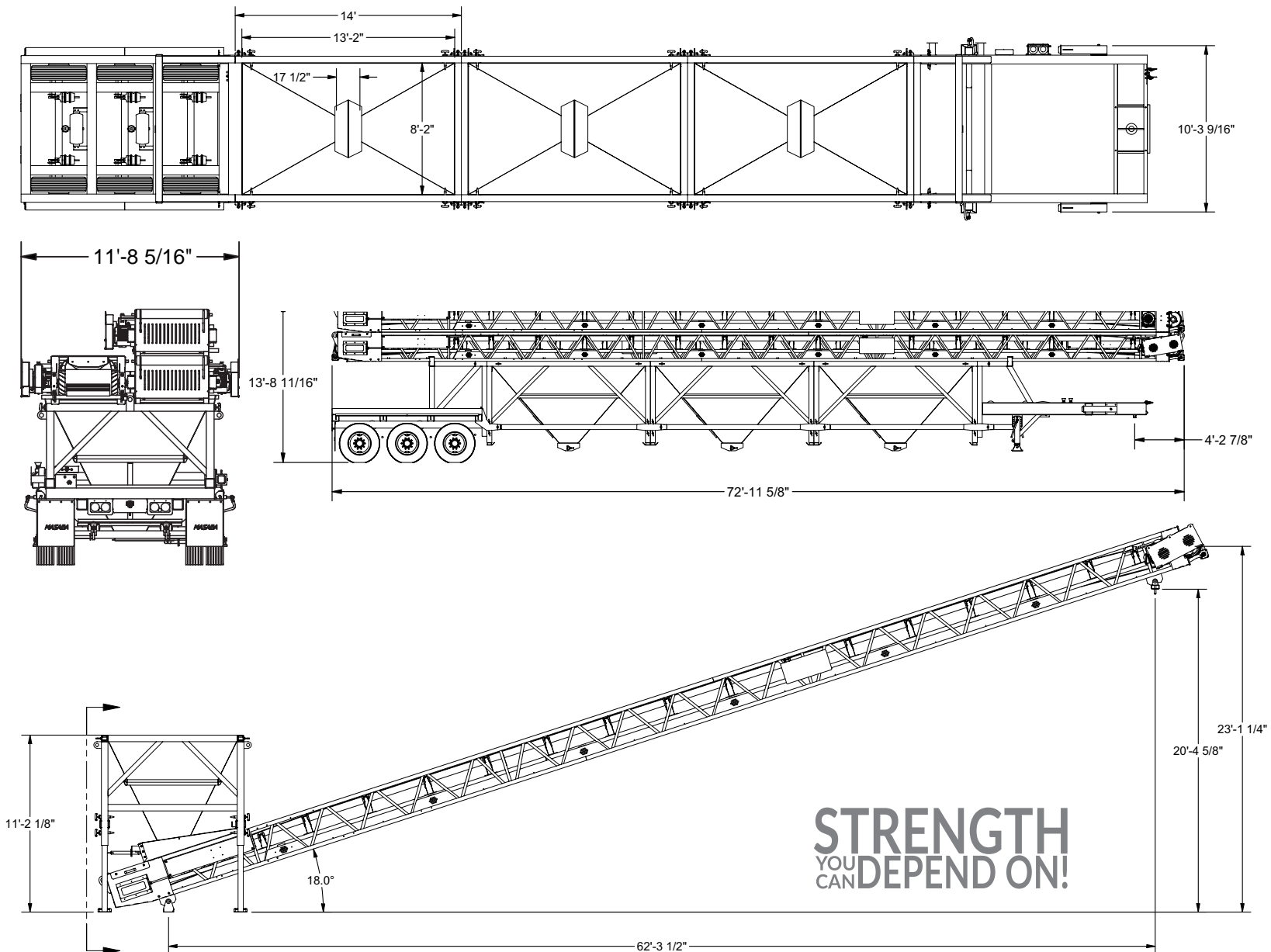


## Portable Bin/Conveyor Systems

Masaba's Portable Bin Plants are equipped with triple-axle chassis & are completely portable. Each 9' x 14' hopper is easily detachable to eliminate unnecessary transportation costs and allow for maximum mobility. Offering custom machinery, the Masaba team can design and build equipment to meet your specific needs.



- » Optional 4th Bin Available
- » 30" Conveyor Belt Width - available in 60', 70' & 85'





## Crushing Plants

### WE'LL CRUSH THE COMPETITION

Masaba portable plants are fabricated with pit portable and road portable chassis, giving you the strength and versatility you need for your application. We can standardize your portable crushing plant with industry leading components and we can work with you to build a fully customizable plant.



Some of our crushing plants include:

- » Jaw Plants
- » Cone Plants
- » HSI Plants
- » VSI Plants





## Screen Plants

For convenient and reliable material sorting, you can't beat a Masaba Portable Screen Plant. Precision screening, mobility and efficiency combined with Masaba's proven strong chassis, we work with our engineers to determine the best solution for the needs of your operation. Our portable screen plants are built on a heavy duty wide flange beam chassis to endure the toughest materials. Single and dual screen plants available.



### Standard Screen Sizes:

- » 6x20
- » 7x20
- » 8x20
- » Single and Dual Screen Plants Available





## Wash Plants

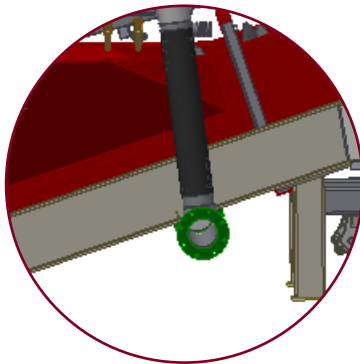
Process your aggregate material wherever the opportunity exists with a Masaba Portable Washing Plant. Our experienced engineers will work with you to create a completely customized plant to fit your needs.

Your Masaba Portable Washing and Screening Plant will combine the efficiency and productivity of custom sand screws and washing components with the proven toughness and durability of Masaba chassis and conveyors.



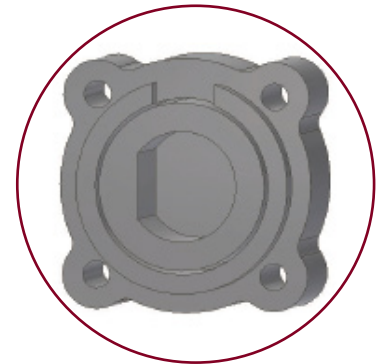
**Twin 36" or Twin 44"  
Sand Screw**

New deep overflow trough system eliminates buildup of sediment in side overflows.



**Water Supply**

Ambidextrous water input with ANSI flange for easy water line connection.



**Ni Hard Bearings**

Continuous positive water flow for flushing sand and sediment out of bearings.

### STANDARD SIZES:

- » 5x16 over Single 36" Screw
- » 6x20 over Twin 36" Screw
- » 6x20 over Twin 44" Screw







## Sand Screws

Masaba fine material sand screws give the capability to sort materials efficiently and accurately. Gently move fine material and effectively sift coarse material with our powerful twin motor design.

With single and twin screw designs, our engineers will help you decide the best fit for your material handling needs.



- » Masaba Tough Components
- » Class II Drives
- » Wear Resistance & Ruggedness
- » Sand Screw Sizes:
  - » Single 36"
  - » Twin 36"
  - » Twin 44"





## Custom Plants

### COMPLETELY CUSTOMIZED TO FIT YOUR APPLICATION

Masaba has been designing custom solutions for customers and dealers for nearly 60 years. We have the experience and expertise to design a complete system, engineered for increased capacity and minimal downtime.



- » Custom Hoppers, Bins & Feeders
- » Stationary, Portable & Modular Options
- » Ready Mix Plants
- » Stationary Grizzly Screens
- » Complete System Portable Plants
- » You want it - we'll design it!





## Structures & Fixed Systems

Masaba specializes in ongoing product development to offer custom solutions for our partners, complimented by our specialty machine design capabilities. If you're in need of a product solution, we can make any project a reality for you.



Some of our custom structures include:

- » Overland/Ground line conveying systems
- » Complete system supply and installation offerings
- » Completely customized plant solutions
- » Crushing, screening & support structures





## Complete Crushing/Screening Setup

Masaba has worked with our customers and dealers to design and build large scale complete systems for crushing, screening and material handling equipment for use in a variety of aggregate and mining needs.

Engineered for customization, flexibility, and availability, Masaba's complete systems are engineered for a seamless transition between portable plants. These systems have proven time and again to grow profits by increasing capacity and drastically reducing downtime.





## Parts

At Masaba, we know your business demands more than just a quality product. That's why you can count on us. Backed by large inventories of parts maintained in our warehouse and at various dealer locations, Masaba commits to doing everything possible to provide you with the best quality, longest-lasting parts, every day.

Our dealers' parts expertise and access to our extensive parts distribution network ensure minimal downtime when you do need to replace a part. Check out what makes us the best choice for construction equipment parts. If you don't know who your dealer is, go to our dealer page, or contact our in-house parts department today at 1-605-658-8941.

All Masaba equipment is built using the highest quality material and great attention to detail. While Masaba equipment is the toughest on the market, parts do occasionally wear out. We can replace almost any part on our machines, even if that means fabricating them ourselves.



Contact the Masaba parts department for wears, spares & replacement parts for your Masaba equipment.

- » Bearings
- » Belt Scrapers
- » Bushings
- » Conveyor Belts
- » Electrical Components
- » Guards (Manufactured by Masaba to Specifications)
- » Gear Boxes
- » Hydraulic Cylinders
- » Idlers
- » Kolman Screen Parts
- » MASABA "Brute" Jacks
- » Power Drives
- » Pulleys
- » Self-Contained Power Units
- » V-Belts



## OUR SOLUTIONS

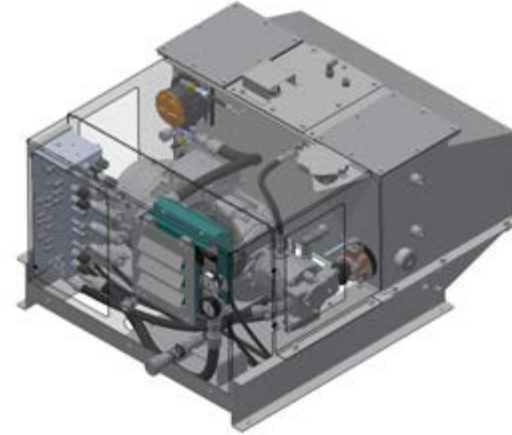
Masaba's engineers analyze, calculate, design and build custom hydraulic systems to fit your specific needs. With more than 25 years of experience and in-house capabilities, we have the expertise necessary to be your full-service provider of engineered design, fabrication, assembly and testing of hydraulic systems. We provide technical support and superior troubleshooting to solve your problems quickly.



## COMPONENTS

Masaba Hydraulics partners with the most reliable companies in the industry to provide you with the best components in the market. We work with some of the following trusted vendors:

- » Air-Way Manufacturing
- » ASA Hydraulik
- » Brennan Industries
- » Continental ContiTech
- » Custom Hoists
- » DMIC
- » Galtech
- » Hartmann Controls, Inc
- » Hydro Control
- » MP Filtri
- » Parker Hannifin Gear Pumps and Motors
- » Prince Hydraulics
- » Source Fluid Power
- » Suburban Sleeve
- » Valvole America
- » Walvoil Fluid Power



## TESTING CAPABILITIES

- » 30 HP VFD controlled 3.00 in<sup>3</sup>/rev, 4500 PSI load sense piston pump
- » 30 HP VFD controlled for auxiliary testing of assembled systems
- » 5000 PSI, 32 GPM, proportionally controlled five station load testing manifold
- » Contamination monitoring of particulates and water
- » HMI control for manual and automated testing and display pressures flows:
  - » 12 Volt DC controls: (12) proportional - 6 Off/On outputs
  - » 24 Volt DC controls: (22) proportional - 18 Off/On outputs
  - » 115 Volt AC Controls: (9) Off/On outputs
- » Manifolds to test and set many industry standard cartridge valves

## Complete Engineered System Design of Circuits

- » Fixed delivery open loop
- » Variable volume pressure compensated open loop
- » Load sense pressure compensated open loop
- » Horsepower limiting circuits
- » Variable volume closed loop

## Fabrication & Assembly of Hydraulic Systems

- » Prime mover options:
  - » Diesel Engine
  - » Gas Engine
- » Hydraulic Integrated Circuits (HICs)
- » Industrial and Mobile Valve Assemblies
- » Electric Motor - AC/DC Operation
- » Hose Assembly, Labeling and Kitting





## The Masaba Guarantee

### A PROMISE OF SERVICE

Top notch customer support is something we strive to achieve every day with our partners in all aspects of our business relationships.

At Masaba, we stand behind our new equipment with a five-year structural and two-year component warranty. We are committed to providing our customers with the best products and product support available in the market today.

Masaba's servicing dealer network is prepared to meet all of your needs by registering your product purchased through Masaba Dealer.



### ON-SITE SUPPORT

Our experienced field service team and dealer representatives provide on-site support for your operation. As a committed service provider, we understand how to provide you with better process performance, improved productivity, maximum plant availability, reliable equipment performance, effective preventive maintenance and improved safety.

### CONTACT US

Masaba Corporate Headquarters  
1617 317th Street | PO Box 345  
Vermillion, SD 57069

#### SALES

1-877-627-2220  
1-605-624-9555  
info@masabainc.com

#### PARTS

1-605-658-8941  
parts@masabainc.com

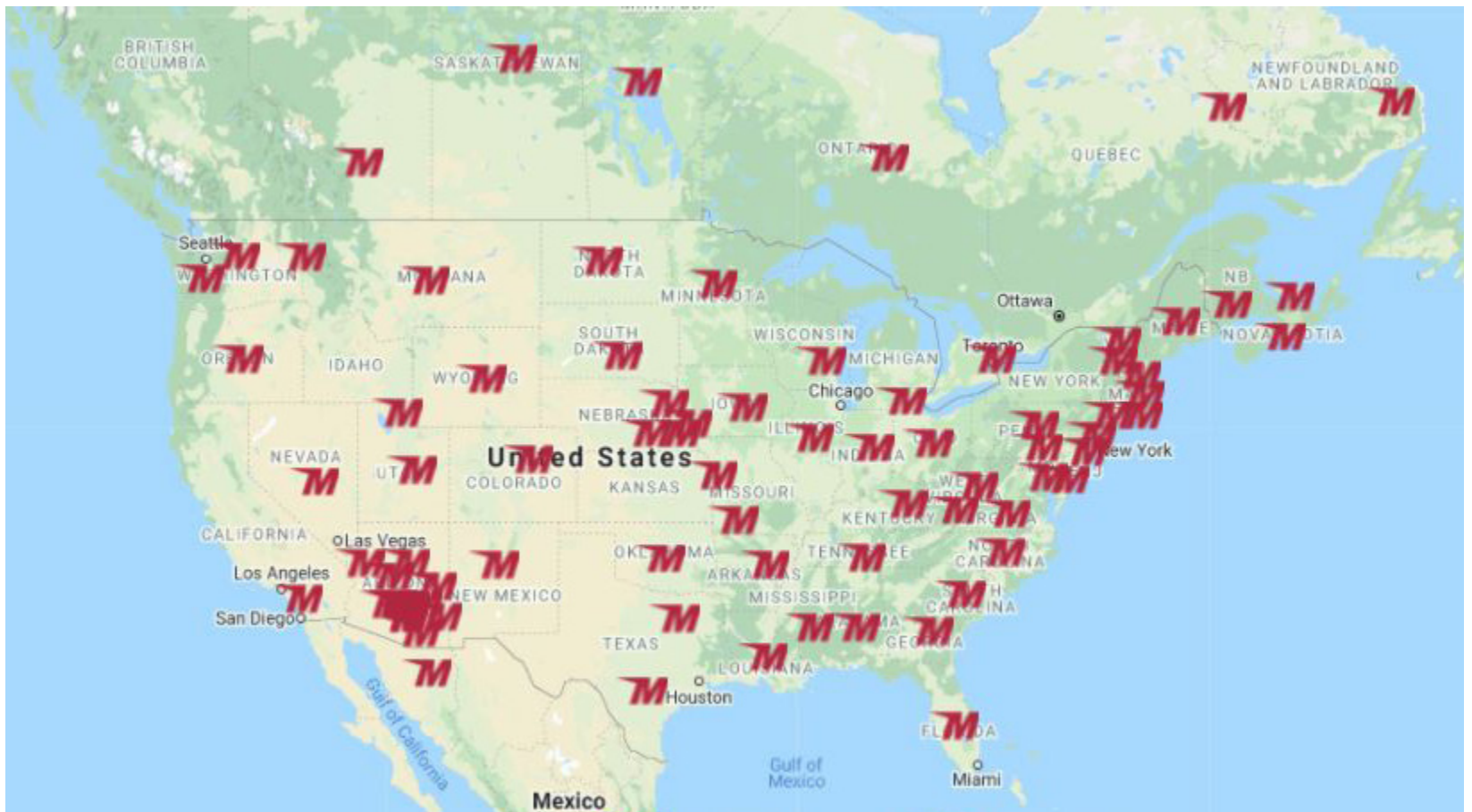
#### SERVICE & SUPPORT

1-605-670-9496  
CustomerCare@masabainc.com

**5 Year** Complete Structural  
**2 Year** Complete Equipment  
**WARRANTY**

# MASABA

1617 317TH STREET  
PO BOX 345  
VERMILLION, SD 57069



Find your official **MASABA** dealer on-line at: [www.masabainc.com/find-a-dealer](http://www.masabainc.com/find-a-dealer) or scan this QR code:

## Masaba Corporate Headquarters

1617 317th Street | PO Box 345  
Vermillion, SD 57069  
Toll Free: 877-627-2220  
Direct: 605-624-9555  
Fax: 605-624-9555

## Masaba Canada

827501 Grey Rd. 40  
Blue Mountains, Ontario N0H 1J0  
Phone: 519-599-3100  
Fax: 519-599-0999



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