



High-Profile



Low-Profile

MAGNUM STANDARD CONFIGURATIONS – LP

Conveyor Length	100'	110'	130'	140'	150'		
Belt Width (Inches)	36	36	36	36	30	36	42
Capacity (TPH)	1000	1000	1000	1000	750	1000	1500
Operational Dimensions							
Max Discharge Height	33' 6"	40' 6"	41' 8"	43'	46' 3"	46' 3"	46' 3"
Pile Volume in Tons (@100 PCF)							
90°	12,900	18,400	28,800	37,200	46,600	46,600	46,600
180°	23,100	32,900	51,600	66,500	83,400	83,400	83,400
270°	33,400	47,500	74,400	95,900	120,100	120,100	120,100

LPFA = Low-Profile Fold Axle | LPSA = Low-Profile Swing Axle | HPSA = High-Profile Swing Axle
Tugger options available upon request. Pit-portable configurations available.

MAGNUM STANDARD CONFIGURATIONS – HPSA

Conveyor Length	130'			150'				170'			190'		
Belt Width (Inches)	36	42	48	30	36	42	48	36	42	48	36	42	48
Capacity (TPH)	1000	1500	2000	800	1000	1500	2000	1000	1500	2000	1000	1500	2000
Operational Dimensions													
Max Extended Discharge Height	47' 8"	47' 6"	49'	52' 4"	52' 4"	51' 4"	51' 6"	60' 7"	57' 9"	58' 3"	63' 11"	66' 5"	66' 5"
Pile Volume in Tons (@100 PCF)													
90°	36,600	36,600	36,700	52,100	52,100	52,100	53,100	73,100	73,100	71,800	104,000	104,000	104,000
180°	65,100	65,100	65,100	92,700	92,600	92,600	94,500	129,800	129,800	127,300	184,800	184,800	184,800
270°	93,500	93,500	93,600	133,200	133,200	133,200	135,900	186,400	186,400	182,700	265,500	265,500	265,500

Custom Magnum options are available, with larger belt widths offered upon request. Contact us for more details.
NOTE: Dimensions may vary depending on axle configurations, options, and other factors. All dimensions are subject to change. For specific model dimensions and drawings, please contact us.





Magnum Telescoping Conveyor

THE MOST RUGGED TELESCOPING CONVEYOR IN THE WORLD

Masaba's Magnum Telescoping Conveyor stands out as the safest and most durable option available. Its patented design ensures constant engagement and smoother operation of the stinger, enhancing long-term durability and reducing maintenance needs. With lengths ranging from 100 to 195 feet, the Magnum line offers a solution for numerous applications. If our standard models don't meet your requirements, we specialize in custom engineering to deliver a conveyor tailored to your specific needs.

WORLD-CLASS AUTOMATION

Masaba's Programmable Logic Control (PLC) system, equipped with a large color touchscreen HMI, offers intuitive interaction and excellent visibility. The PLC, combined with variable-speed wheel drives, ensures the production of high-quality, desegregated stockpiles. Three encoders work alongside the PLC to precisely track the X, Y, and Z positions of the head pulley. Additionally, four customizable programs allow users to select their preferred stockpiling configuration.



THE SAFEST ON THE MARKET

The Magnum's patented track drive system is designed to keep the stinger continuously engaged throughout extension and retraction. Unlike traditional chain- or winch-driven systems, the design provides controlled movement while helping prevent rollback. Fewer wear components also mean less maintenance and fewer adjustments over the life of the conveyor.

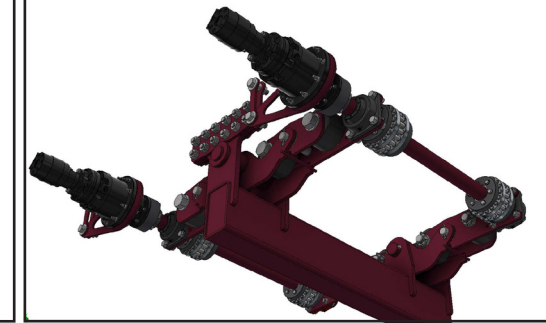
MASABA'S PATENTED TRACK DRIVES

- Masaba's patented designs ensure continuous engagement and smoother stinger operation, enhancing long-term durability and reducing maintenance needs.
- Unlike winch systems, there are no cable maintenance concerns, eliminating the risk of cable breakage and uncontrolled rollback.
- Masaba's load roller supports provide even load distribution across all support rollers, reducing fatigue stress on critical components and extending the life



SINGLE DRIVE

Single Gearbox with Mechanical Brake
QD Bushed Pin Hubs w/ Hardened Pins
Keyed & Press Fit Gearbox Connection
Four Maintenance Free Support Rollers



DUAL DRIVE

Dual Gearbox with Dual Mechanical Brakes
QD Bushed Pin Hubs w/ Hardened Pins
Keyed & Press Fit Gearbox Connection
Eight Maintenance Free Support Rollers

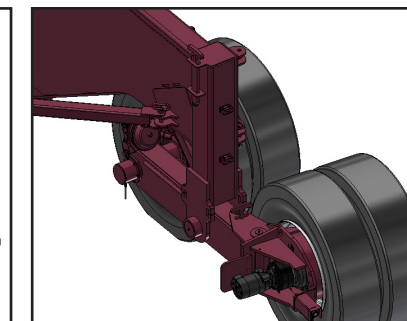
AXLE/DRIVE UNDERCARRIAGE OPTIONS

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



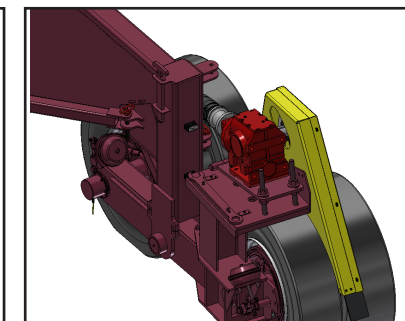
Folding Axle

Masaba's Folding Axle (FA) system enables easy transitions between operational and transport positions, with axles that can be hydraulically raised or lowered independently or together. Available in 2-wheel and 4-wheel drive models, the FA system suits various operational needs.



Swing Axle with Hydra Shift

The Hydra Shift option streamlines the setup process and cuts down on maintenance time by eliminating the need for chains and sprockets. With Hydra Shift, operators can easily engage and disengage the drive by simply flipping a lever on the hub.



Swing Axle with Chain & Sprocket

The Swing Axle (SA) system offers the industry's widest and most stable radial footprint. Its variable-speed wheel drive ensures even material distribution within the pile, resulting in fully desegregated stockpiles. An optional 4-wheel drive system guarantees reliable traction in the field.

