



MP550

Material Placer



(MP550 shown with optional hydraulic jacking columns)

MACHINE SPECIFICATIONS

| | |
|-----------------------------------|---|
| Receiving Hopper | 5 yd ³ (3.8 m ³) ¹ Powerful Variable Speed 14" (355 mm) Auger 23" (584 mm) High Front Lip with Hydraulic, Hinge Up, Flop Gate |
| Conveyors | Swing Conveyor: 36" (914 mm) Wide x 35' (10.66 m) Long 170° of Swing Capability Transfer Conveyor: 36" (914 mm) Wide x 23' (7 m) Long Variable Speed: 0 - 600 fpm (0 - 183 mpm) |
| Propulsion System | 4 Wheel Drive - High Flotation Rubber Tires 5 Steering Modes - Coordinated, Crab, Front, Rear, and Optional Automatic Working Speed: variable approx. 0 - 110 fpm (0 - 33.5 mpm) Walking Speed: variable approx. 0 - 9 mph (0 - 14.5 km/hr) Approx. 12' (3.66 m) Steering Radius ² |
| Elevation Control | Standard: Hydraulic Hopper Height Adjustment Optional: 4 Jacking Columns with 27" (685 mm) Hydraulic Height Adjustment |
| Machine Weight³ | Approx. 45,000 lbs (20,547 kg) Approx. 55,000 lbs (25,113 kg) with optional jacking columns |
| Engine Power | 260 HP (193 kW) 6 Cycle Tier 4i Diesel Engine with ECO Throttle |

¹ Two belts together hold approx. 3.75 yd³ (2.86 m³)

² To Centerline of Inside Tires

³ Dry Weight

U.S. and International Patents Pending

VERSATILE



**STATE OF THE ART
PROPULSION SYSTEM**



**BELLY PACK
CONTROL SYSTEM**



**HINGING SWING
CONVEYOR**

The MP550 is the most versatile material placer on the market. It is capable of handling a wide variety of concrete slumps as well as dry materials. The MP550 features four wheels with heavy duty planetary gearboxes and low maintenance, high flotation tires. It is four-wheel drive with dual axle steering with only a 12' (3.66 m) inside turning radius in the coordinated steering mode. This offers greater ease of movement in and around the jobsite. Its 11'-3" (3.43 m) wide receiving hopper design has been carefully crafted featuring a hydraulic hinge-up, flop gate with a front lip that is only 23" (584 mm) off the ground. The hopper is designed to accept a wide variety of trucks. The MP550's 35' (10.7 m) long Swing Conveyor, which can hydraulically pivot 170 degrees, is designed with a hinge point near the tail pulley for ease of clearing string line or temporary concrete barrier walls and other jobsite obstructions while minimizing the material discharge height. The MP550 features Belly Pack Control for the operator with wireless capability. The relocatable operator seat is equipped with a "quick attach" Belly Pack mount or the operator with the Belly Pack can remotely control the machine while standing on the machine or on the ground.

HIGH PRODUCTION



**LARGEST
HOPPER SIZE**



**HIGH CAPACITY
CONVEYORS**



**ADJUSTABLE
PUSHER ROLLERS**

The MP550 is capable of the highest concrete placing rates on the market. Its industry leading hopper size can hold approx. 5 cyd (3.8 m³) not including the material held on the two belts. Including material held on the belts, the MP550 can hold approx. 8.75 yd³ (6.66 m³). The hopper's unique front "flop gate" is actuated hydraulically to seal against the dump truck during dumping to minimize spillage and to feed the material to the auger. The hopper is also available with a front pusher roller assembly with up to 12" (30 cm) of hydraulic adjustment in and out. The high capacity Transfer and Swing Conveyors are capable of handling the largest loads without stall or slippage. The conveyors are equipped with rugged shaft-mounted drive motors that offer ample torque for high production placing.

EASY TO MAINTAIN



**QUICK RELEASE
HOPPER**



**SWING OPEN
SIDE PANELS**



**EASY TO CHANGE
CONTINUOUS BELTS**

G&Z put heavy emphasis on designing the MP550 conveyors and their components to insure they are readily accessible, easy to clean and maintain to keep operating costs low. The hopper has been designed with a hydraulic quick-release mechanism to allow the carrier to safely walk away from the hopper for ease of access, cleaning, loading or switching to other attachments. The main carrier side access doors safely guard the transfer conveyor during operation and provide access during daily cleaning and maintenance. The tail end of the transfer conveyor can quickly be lowered hydraulically (or even disconnected) from the bottom of the hopper for cleaning and maintenance. Each conveyor has also been meticulously designed to allow the vulcanized belts to be easily replaced.

LOWEST OPERATING COST



**PREMIUM
TIER 4i ENGINE**



ECO-MODE



**EASY ACCESS
TO TRANSFER BELT**

The MP550 is outfitted with a 6 cylinder Tier 4i diesel engine. The Tier 4i engine features low fuel consumption and does not have a particulate trap like most other Tier 4 engines. It also features extended service intervals. The “Eco-Mode” feature on the MP550 reduces fuel consumption by up to 35%. Low maintenance tires are standard; however, high drive rubber tracks are available as an option. Because the transfer conveyor is easily accessible and easy to clean, the high operating costs associated with concrete belts is dramatically reduced. The MP550 is also designed to be quick and easy to transport. The swing conveyor hydraulically folds up for transport and high speed travel around the jobsite. Optional jacking columns are available on the MP550 along with a dual axis, slope control system. This option allows ground clearance to be dramatically increased under the conveyors for maneuvering around the site, loading the machine and cleaning, along with dealing with other ground clearance issues caused by uneven terrain or ramps.

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