



# MP550

## Material Placer



\*MP550 shown with optional hydraulic jacking columns and automatic steering

## MACHINE SPECIFICATIONS

Receiving Hopper	5 yd <sup>3</sup> (3.8m <sup>3</sup> )* Powerful Variable Speed 14" (355mm) Auger 21" (553mm) High Front Lip with Hydraulic Flop Gate
Conveyors	Swing Conveyor: 36" (914mm) Wide x 35' (10.66m) Long 170° of Swing Capability Transfer Conveyor: 36" (914mm) Wide x 23' (7m) Long Variable Speed: 0 - 600fpm (1.8m/min)
Propulsion System	4 Wheel Drive - High Flotation Rubber Tires, Front and Rear Steering 5 Steering Modes - Coordinated, Crab, Front, Rear, and Optional Automatic 0 - 6.3mph (0 - 10.2km/h) 12' (3.66m) Steering Radius**
Elevation Control	Standard: Hydraulic Hopper Height Adjustment Optional: 4 Jacking Columns with 27" (685mm) Hydraulic Height Adjustment
Machine Weight	Approx. 55,000 lbs (25,113kg)*** with optional Jacking Columns
Engine Power	6 Cylinder CAT C7.1 Diesel Engine US EPA Tier 4 Final / EU Stage V Intermittent Horsepower @ 2200 RPM: 302 hp (224 kW) Diesel Fuel Tank 100 U.S. Gallon (378 L), DEF Tank 8.5 U.S.Gallon (32 L)

Note: All the above data is approximate and is subject to change without notice.

\*Capacity of optional high production hopper. The two belts together hold approx. 3.75 yd<sup>3</sup> (2.86m<sup>3</sup>) for a total on board capacity of 8.75 yd<sup>3</sup> (6.66m<sup>3</sup>)

\*\*To Centerline of Inside Tires

\*\*\*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 placing a wide variety of concrete slumps, as well as dry materials. The MP550 features four wheel drive with high reduction planetary gearboxes, and low maintenance high flotation tires. It has front and rear steering allowing a 12' (3.66m) inside turning radius. Crab and automatic steering are also possible. This offers excellent maneuverability around the jobsite. Its 11'-4" (3.45m) wide receiving hopper design has been carefully crafted, featuring a hydraulically adjustable flop gate with a front lip that is only 21" (553mm) off the ground. The high production hopper is designed to accept a wide variety of trucks, including super 12 dump trucks, semi-end dumps and even articulated off road trucks. The MP550's 35' (10.66m) long Swing Conveyor, which can hydraulically pivot 170 degrees, is designed with a hinge point near the tail pulley for ease of clearing stringline, 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 machine can be operated with the operator standing on the machine or on the ground.

## HIGH PRODUCTION



**HIGH PRODUCTION  
HOPPER**



**HIGH CAPACITY  
CONVEYORS**



**ADJUSTABLE  
PUSHER ROLLERS**

The MP550's patented high production hopper is capable of taking a surge of material as fast as the truck can hoist and dump. Dump times under 1 minute are possible! The machine's revolutionary high production hopper can hold approx. 5 yd<sup>3</sup> (3.8m<sup>3</sup>). Including material held on the belts, the MP550 can hold on board 8.75 yd<sup>3</sup> (6.66 m<sup>3</sup>). The hopper's unique front "flop gate", with exclusive dump cycle shortening "shuttle plate", is hydraulically actuated to hinge up and seal against the truck chassis or body during dumping to minimize spillage and to feed the last bit of material to the auger. The hopper is also available with hydraulically adjustable front pusher rollers with up to 12" (300mm) of hydraulic adjustment to optimize truck bed apron location in the hopper. The powerful, high capacity Transfer and Swing Conveyors are capable of handling the largest loads without stalling or slippage required for high production placing.

## EASY TO MAINTAIN



**QUICK RELEASE  
HOPPER**



**SWING OPEN  
SIDE PANELS**



**EASY TO CHANGE  
VULCANIZED BELTS**

G&Z's MP550 conveyors and their components are readily accessible and 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. For daily cleaning and maintenance, the carrier side access panels safely guard the transfer conveyor during operation and provide excellent access through the provided doors. The tail end of the Transfer Conveyor can quickly be lowered hydraulically (or even disconnected) from the bottom of the hopper for ease of cleaning and maintenance. Each conveyor has also been meticulously designed to allow the vulcanized belts to be easily replaced.

## LOWEST OPERATING COST



**PREMIUM  
TIER 4f ENGINE**



**ECO-MODE**



**EASY ACCESS  
TRANSFER BELT**

The MP550 is outfitted with the latest 6-cylinder CAT C7.1 US EPA Tier 4 Final / EU Stage V 302 hp (224 kW) diesel engine. The engine also features quiet operation, low fuel consumption, as well as 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 two conveyors are accessible and easy to clean, the high operating costs associated with concrete belts on placers are 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 an auto level control system. This option allows ground clearance to be dramatically increased under the conveyors for maneuvering around the site, loading the machine and cleaning, as well as dealing with other clearance issues caused by uneven ground or ramps.

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## CONCRETE SLIPFORM PAVERS



### S400

6.5' - 24.5' (2 - 7.5m)



### S600

8' - 34' (2.5 - 10m)



### S850 (QB OR SL)

12' - 41' (3.5 - 12.5m)



### S1500

18' - 52.5' (5.5 - 16m)

## CONCRETE SLIPFORM PAVING SUPPORT EQUIPMENT



### DBI

Dowel Bar Inserter



### MP550

Material Placer



### PS1200

18' - 41' (5.5 - 12.5m)



### TC1500

12' - 56' (3.5 - 17m)