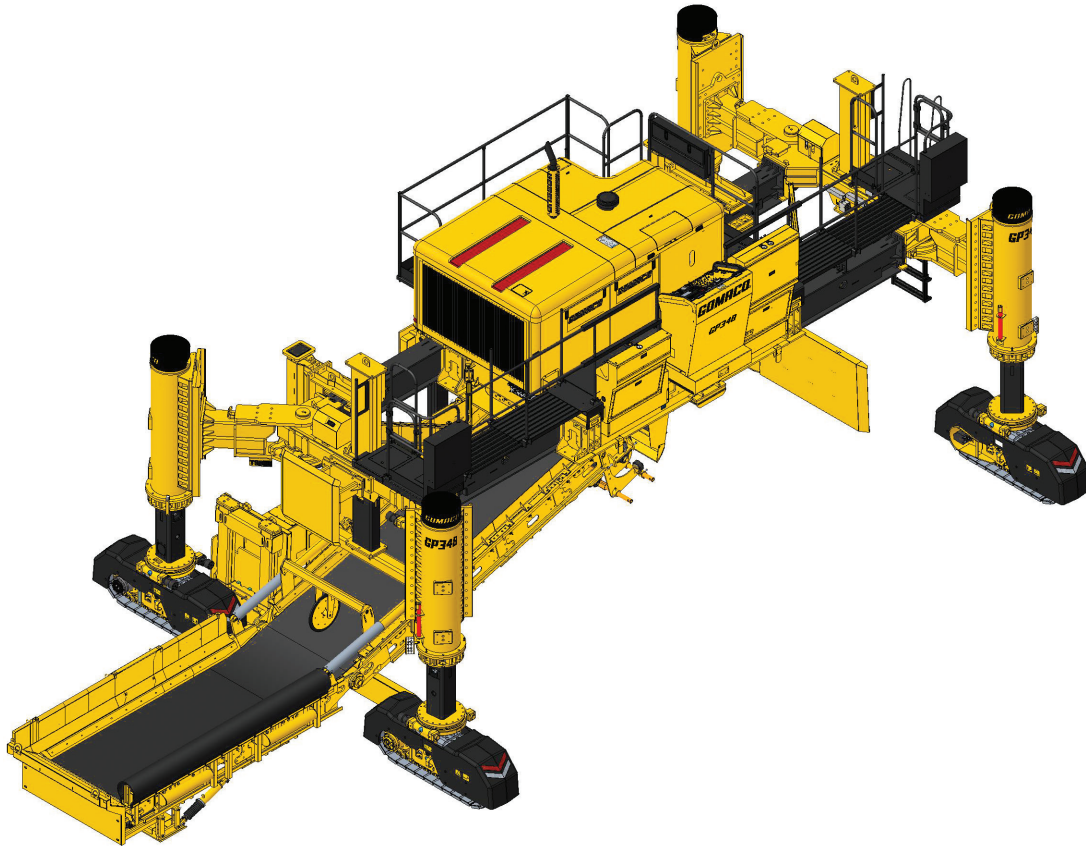


GOMACO® GP348

PLACER/SPREADER

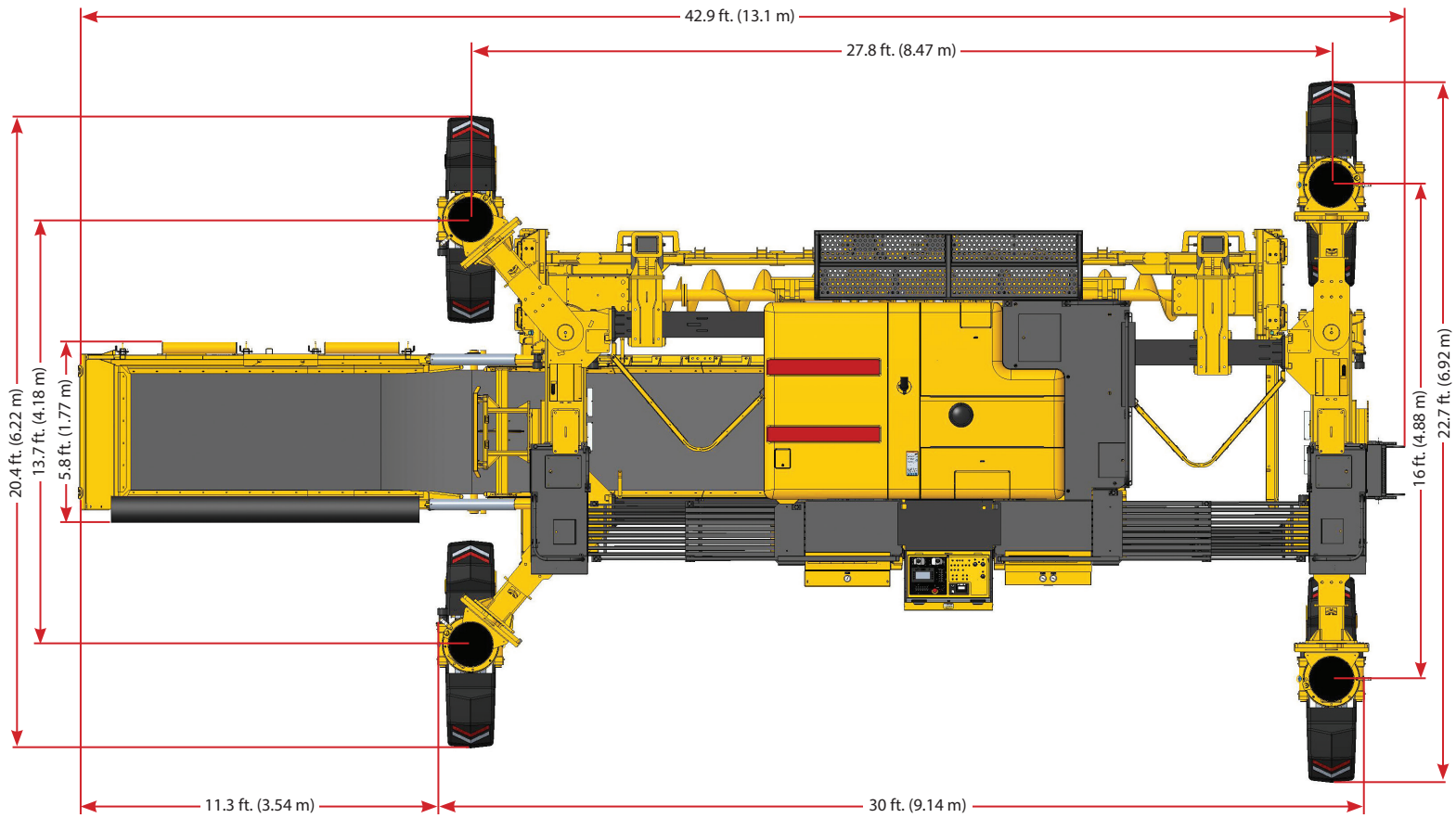
SLIPFORM PAVER



- The GP348 is a high-production placer/spreader up to 36 feet (11 m) wide with a 48 inch (1219 mm) belt and a top-of-the-line four-track GP3 for slipform paving up to 30 feet (9.1 m) wide.
- The undermounted conveyor belt, located between the GP348's tracks, folds up to allow trucks to pass by on the haul road.
- Four tracks allows faster and easier job-site mobility and allows the placer/spreader to get into minimum clearance job-site conditions.
- Easy transport. Only one semi-tractor trailer is needed to haul the GP348.
- The GP348 is equipped with one conveyor and two auger drive circuits for placing and optional vibrator circuits for paving.
- Quickly and efficiently interfaces with stringline or 3D machine guidance systems.
- Powered by a Caterpillar C7.1 Tier 4 diesel engine with 302 horsepower (225 kW) allowing the GP348 to efficiently drive the conveyor belt and distribute concrete across the grade.
- The strike-off features independent vertical adjustment to control the placed concrete depth without raising and lowering the prime mover.
- An optional sonic sensor system can be added to the GP348 to monitor the concrete depth it is placing. Information from the sonic sensors is utilized by the G+ control system on the paver using Machine to Machine (M2M) communication to provide the optimum and consistent head of concrete in front of the paver.
- The GOMACO strike-off features a Power Transition Adjuster (PTA) for crown adjustment with the placed material.
- The belt can be mounted for right-side or left-side haul roads.
- The GP348 is available with GOMACO Remote Diagnostics (GRD).
- Safety by Design – The conveyor belt features an alarm horn that activates automatically when the belt is raising or lowering.

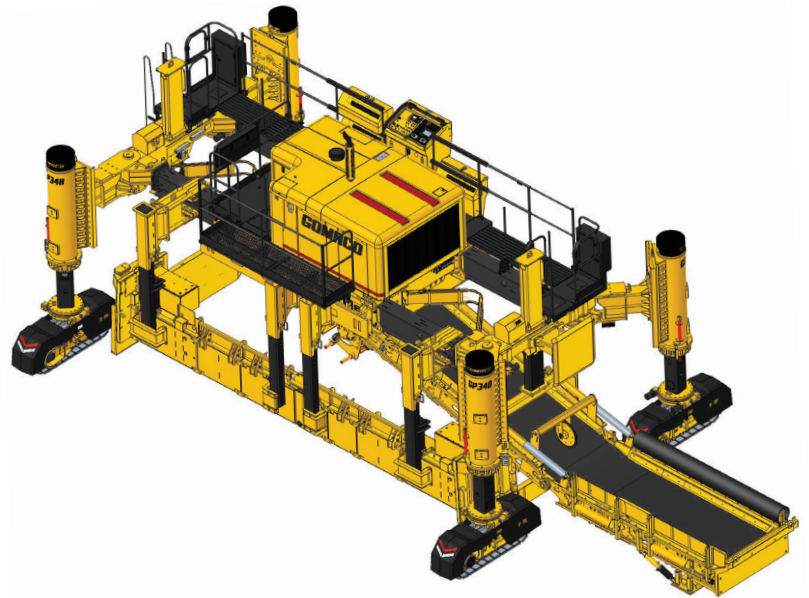
GOMACO®

The Worldwide Leader in Concrete Paving Technology



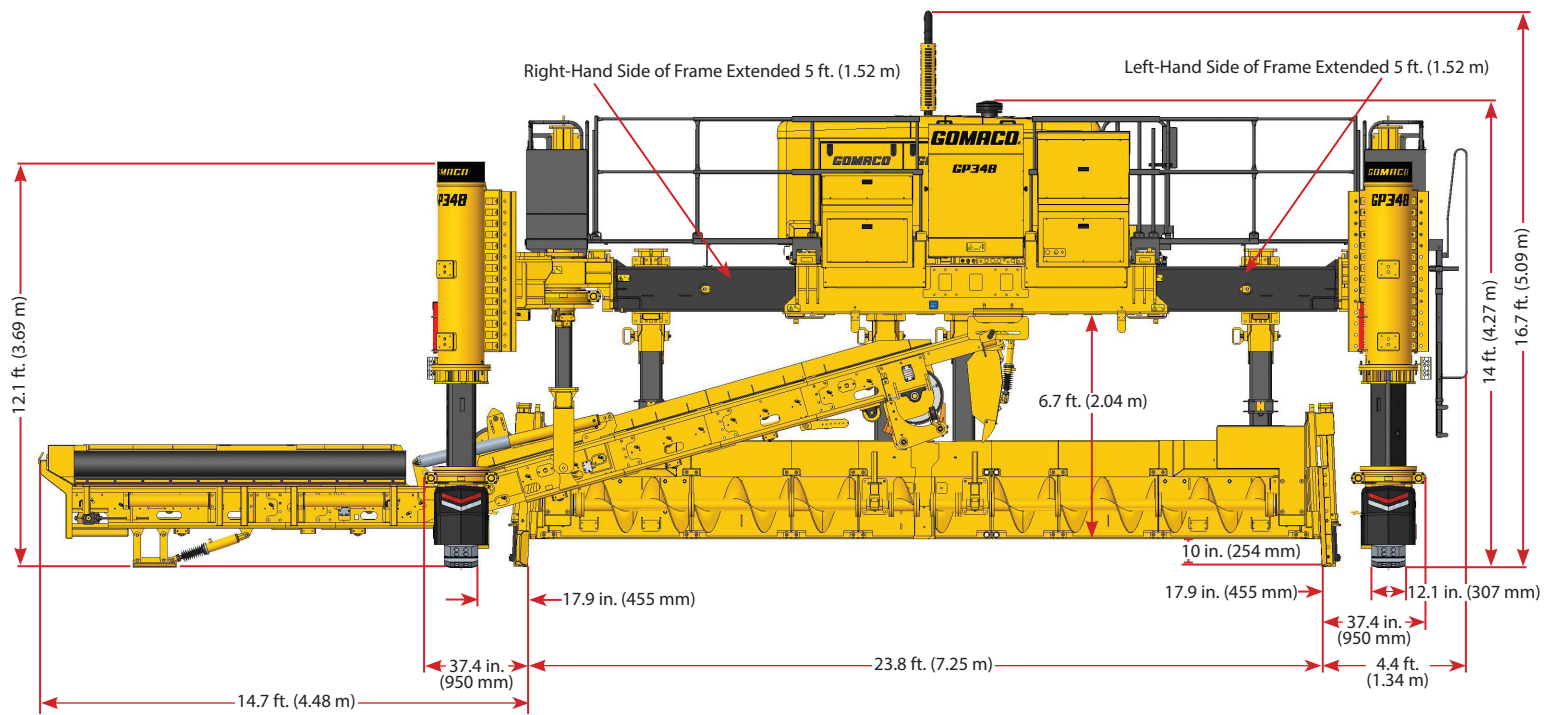
High-Volume, 48 inch (1219 mm) Conveyor Belt

- The conveyor belt is designed to hold up against heavy loads from end-dump trucks.
- The 48 inch (1219 mm) belt has the rubber seal against the side that trucks will be dumping and a metal backboard on the opposite side to help limit concrete spillage. The seal and the backboard can be mounted on either side of the conveyor to accommodate the direction of the haul road.
- A conveyor discharge speed of up to 491.5 feet per minute (149.81 mpm) provides quick and efficient material placement.
- Automatic, pressure-compensated belt tensioning allows the belt to adjust based on the height of the haul road.
- Heavy-duty, dual-stage belt wiper with pneumatic tensioning.
- Placement accuracy with a controllable material deflector to direct the flow of concrete at the discharge end of the conveyor.

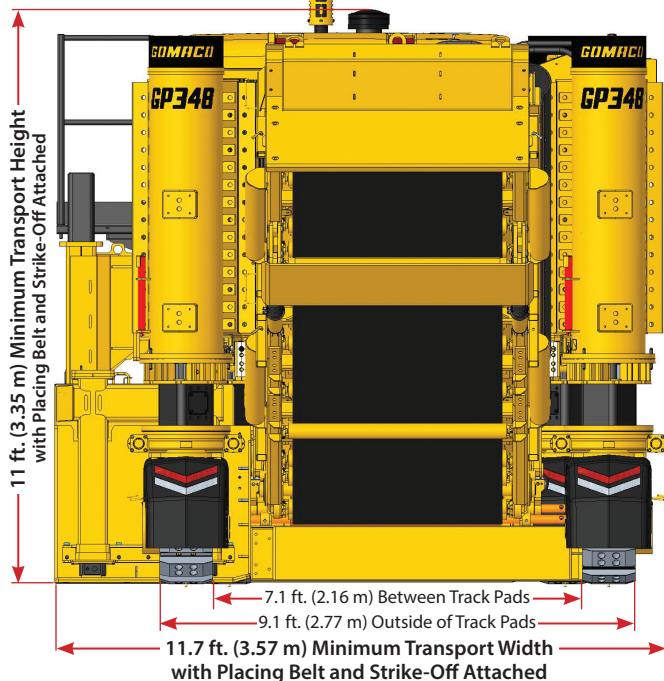
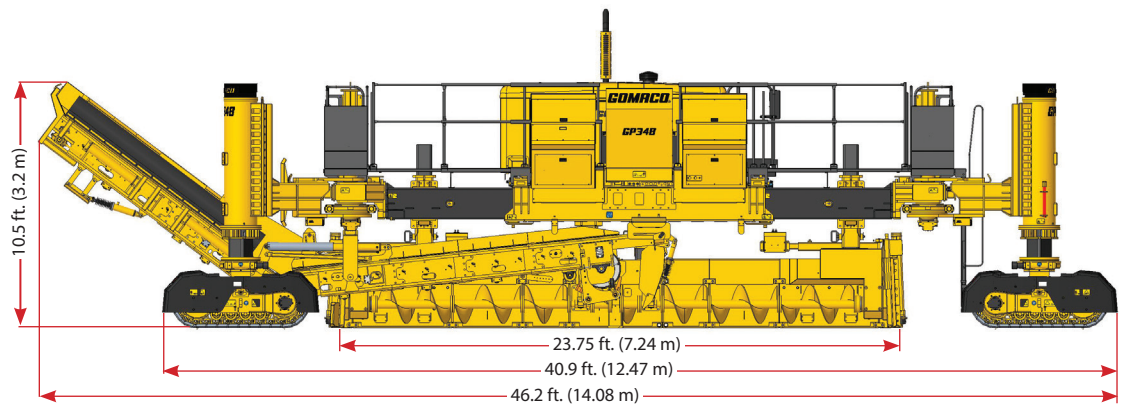


Strike-Off Designed for 3D Machine Guidance and M2M (Machine to Machine) Control

- The strike-off height can be controlled with optional smart cylinders, independent of the prime mover, to meter the concrete ahead of the paver.
- The vertical control of placement depth can be accomplished from the optional GOMACO Navigator on the concrete paver, giving the GP348 true M2M communications.
- The dual-drive auger system moves material to the center or outer areas across the strike-off.
- The reversible 20 inch (508 mm) diameter, hydraulically-powered, split auger features four inches (102 mm) of hard-facing on the exterior of the flighting for wear resistance.
- Edge control and maximum material utilization is accomplished with pressure-compensated sideplates.



Dimensions are shown at a 24 foot (7.32 m) placing width for two-lane roadway paving. Standard conveyor length is 22 feet (6.7 m).



Designed for Easy Transport

- The GOMACO GP348 transports on one semi tractor trailer with the placing belt and strike-off attached.
- Pivot arms on the legs of the GP348 feature rotary-sensored slew drives.
 - The operator can take the placer/spreader slipform paver to the transport mode in minutes without assistance by simply rotating the legs to the transport position.
 - After the legs are in the transport position, G+ travel is switched to "Transport" for complete control.
- In transport mode, the GP348 is 11.7 feet (3.57 m) wide and 46.2 feet (14.08 m) long with a 24 foot (7.32 m) auger/strike-off.
- The placing belt is placed at a 30 degree angle for transport.
- A retractable, sliding console reduces the shipping width of the machine.

GP348 Specifications

ENGINE

Type: C7.1 Caterpillar turbocharged diesel engine.

Emission level: Tier 4 Final, Stage IV.

Power: 302 hp (225 kW) @ 2200 rpm. 12.7 gph (48.1 Lph) @ 80% load.

SERVICE CAPACITIES

Fuel reservoir: 160 gal. (606 L).

Hydraulic oil reservoir: 230 gal. (871 L).

AUTOMATED CONTROL SYSTEM

Type: Electronic-over-hydraulic.

Controls: GOMACO's exclusive G+ control system features self-diagnostics for grade and steering. It features multi-language, metric or imperial units, and a 6.5 in. (165 mm) anti-glare display screen.

Control indicators: Color graphical performance indicators allow operator to monitor control signals for machine guidance on stringline or 3D.

TELESCOPING FRAME

Telescoping: Dual-telescoping frame telescopes up to 7 ft. (2.13 m) on each side for a total of 14 ft. (4.27 m) of telescoping capabilities.

SPREADER AUGER SYSTEM

Type: Hydraulically powered dual-drive, reversible 20 in. (508 mm) diameter.

Auger speed: Variable up to 85 rpm.

STRIKE-OFF

24 ft. (7.32 m) wide: One 5 ft. (1.52 m) right-hand drive section, one 5 ft. (1.52 m) left-hand drive section, and one 4 ft. (1.22 m) power transition adjuster (PTA) section. Balance of inserts per customer specifications. Additional insert sections available for spreading widths up to 36 ft. (10.97 m). Hydraulically pressure-compensated sideplates with adjustment up to 19 in. (483 mm). **International:** A 7.5 meter wide strike-off is available for countries using the metric system.

BELT CONVEYOR SYSTEM

Width: 4 ft. (1.22 m).

Length: 22 ft. (6.71 m).

Fold height: 14.6 ft. (4.45 m).

Hinge system: Two 3.5 in. (89 mm) by 30 in. (762 mm) hydraulic cylinders.

Hinge fold speed: 8 seconds up and 6 seconds down.

Belt drive: Hydrostatic.

Belt speed: Variable speed control up to 491.5 fpm (149.81 mpm).

Belt tensioning: Pressure-compensated hydraulic belt tensioning for varying haul road height.

Conveyor assembly system: Mounts on either side of machine.

Hydraulic conveyor deflector: Directs the flow of concrete at discharge end of conveyor.

Optional: 3 ft. (.91 m) conveyor inserts for variable spreading widths of 26 ft. (7.92 m) and wider.

TRACK SYSTEM

Type: Four gear-driven tracks.

Overall track length: Series 2 track, 6.3 ft. (1.92 m) includes track fender.

Track pad width: 11.8 in. (300 mm).

Track speed: Variable up to 42 fpm (12.8 mpm) paving and 110 fpm (33.53 mpm) auxiliary.

Leg height adjustment: 42 in. (1067 mm) hydraulic adjustment and manual adjustment up to 36 in. (914 mm) for a total height adjustment of 78 in. (1981 mm).

Optional Tracks:

Type: Four gear-driven tracks.

Overall track length: Series 2 track, 7 ft. (2.13 m) includes track fender.

Track pad width: 15.75 in. (400 mm).

Track speed: Variable up to 42 fpm (12.8 mpm) paving and 110 fpm (33.53 mpm) auxiliary.

DIMENSIONS

Placing/spreading width: 12 ft. (3.66 m) to 26 ft. (7.92 m) with no inserts needed for frame. Optional width of up to 36 ft. (10.97 m) with additional frame inserts.

Operational length: 21.7 ft. (6.61 m).

Operational width: 42.8 ft. (13.05 m) with 24 ft. (7.32 m) strike-off and conveyor belt down.

Operational height: 14 ft. (4.27 m) with the mold lowered 10 in. (254 mm) and legs extended 28.25 in. (718 mm) for placing and spreading material for a 10 in. (254 mm) slab.

Minimum transport length: 47.2 ft. (14.39 m) with 24 ft. (7.32 m) strike-off attached.

Minimum transport width: 11.7 ft. (3.57 m).

WEIGHT (approximate)

Operational weight: 88,900 lbs. (40,325 kg) with 24 ft. (7.32 m) strike-off mold and conveyor.

Note: Weights and dimensions are variable, depending on machine options.

ATTACHMENTS/OPTIONS

Low-pressure water system.

Frame extensions.

Conveyor inserts.

Strike-off inserts.

18 in. (457 mm) conveyor hopper extension.

Vibrator circuits.

3D package for stringless control.

Other options are available to customize machine to accommodate applications and customer needs.



The Worldwide Leader in Concrete Paving Technology

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Quality Policy: We Shall Meet Or
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