

GT-3600

TRIMMER/SLIPFORM PAVER



GOMACO®

The Worldwide Leader in Concrete Paving Technology

Digital Version (Updated 8-2014)

Everything You've Asked for in a Curb and Gutter Machine!



The GT-3600 uses the simultaneous trim/pour process for maximum concrete utilization.

- 24 inch (610 mm) Radius
- Selective Steer System
- G+® Control System
- Fast Job-Site Mobility
- Simultaneous Trim/Pour

- Sideshifting Trimmerhead
- Vertical Adjusting Trimmerhead
- Vertical Adjusting Mold
- Sideshifting Mold
- High Production

- Designed for Transportability
- Operator Remote Control for Travel
- Designed with Safety in Mind
- Excellent Operator Visibility
- Stringline or 3D Guidance

Featuring Versatility and Dependability Worldwide

GOMACO's GT-3600 is one of the most versatile, dependable, and high-production curb and gutter machines with job-proven results throughout the world. The machine is designed with state-of-the-art technology and numerous standard features.

The three-track GT-3600 is a multi-application trimmer/slipform paver. Applications for this machine include curb and gutter, tight radii, cul-de-sacs, safety barriers, bridge parapets, sidewalks, recreational paths, and flat slabs up to 10 feet (3 m) wide. The GT-3600 features GOMACO's patented simultaneous trim/pour concept. The unique design, multiple sensors, and GOMACO's G+ control system allows the GT-3600 to automatically slipform a tight radius with ease.

A major consideration in the design is quick and easy job-to-job mobility. The GOMACO GT-3600 is carefully designed with safety features to give years of safe and dependable service. For operator and crew safety, there are emergency stop buttons located on the operator's console and at strategic points around the machine. Other safety features include track guards, warning decals, an operator's manual, and a safety manual. GOMACO machines are also designed to provide safety with the machine operator having maximum visibility over the entire paving operation.



The tethered remote allows the operator to control speed and steering while moving around the operator's platform. The travel control dial dictates the travel speed of the machine in either forward or reverse. The manual steer knob turns the tracks when the steer select knob is in any of the four manual positions.

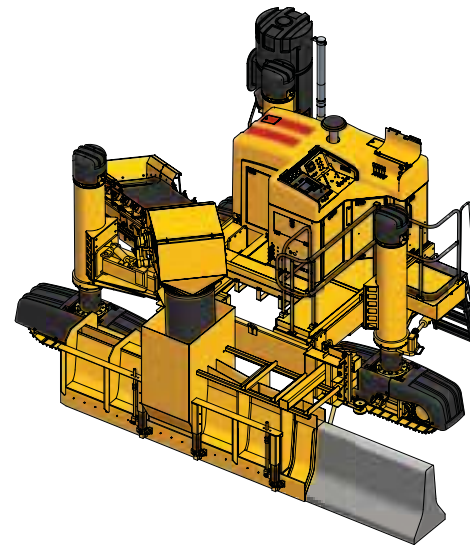
One of the Fastest Tracking Speeds in the Industry

The two-speed track system provides fast job-site mobility. The travel speed on the GT-3600 three-track machine is up to 125 feet per minute (38 mpm). The low speed provides the smooth crawl necessary for slipforming concrete.

Another feature that makes this machine so versatile is All-Track Positioning (ATP) and All-Track Steering (ATS). Veteran concrete contractors who depend on their machines will testify to the advantages of ATP and ATS, such as getting around and avoiding obstacles, reducing setup time, ease in mounting molds, and loading and unloading for transportation. The Crab Steer feature makes it quick and easy to put the GT-3600 on line (see page 20).

There are a lot of things you can do with an All-Track Positioning, All-Track Steer machine that would be difficult or impossible to do without it. A GOMACO machine with All-Track Steering is able to slipform a true radius because all of the tracks can turn as the paver maneuvers through the radius. All-Track Positioning gives your machine the ability to position all of the legs, based on requirements, to adapt to various applications.

Also featured on this machine are the piston-style legs for strength and low maintenance. The legs are equipped with "smart" steer cylinders. The cylinders, along with GOMACO's G+ control system, allow the operator to teach the "smart" cylinders the desired degree of leg rotation. This keeps the tracks from hitting any objects in a minimum-clearance situation.

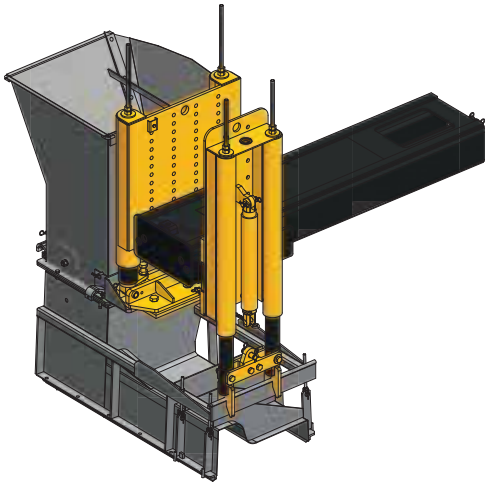


The versatility of the GT-3600 allows for quick and efficient slipforming of safety barrier and bridge parapet.

GOMACO's Hook-and-Go System is Quick & Easy

How Quick Can You Connect? Just Hook-and-Go!

GOMACO's Hook-and-Go mold mount system has no pins or latches and makes it quick and easy to change molds. Simply drive the GT-3600 up to the mold and hook the mount to a special attachment plate. The mold is then hydraulically lifted up and can go to work slipforming the project...just hook and go. New GT-3600 molds are built for this system and existing molds can easily be retrofitted in the field.



CG-071102-D-17

The exclusive, independent adjustable stainless steel troweling section seals and provides a superior GOMACO finish.



CG-041107-D-14

Tight-clearance paving is accomplished with the sideshifting capability of the mold.



CG-050534-D-22

Operational Visibility and Safety

The operator has a clear view of the conveyor, concrete truck, and the chute man, providing operational safety.

Paving Without Stringline

Back in 1999, GOMACO first recognized the potential of 3D and began testing 3D on our equipment. Today, GOMACO equipment with 3D machine guidance is being successfully used on projects all around the world and in a variety of applications, including grade trimming, curb and gutter tight radii, tunnel floors and walkways, airport runways and aprons, highways, interstates, concrete overlays, municipal projects, safety barriers, golf cart paths, and more. GOMACO also has an entire in-house 3D controls department to sell, service, and support 3D guidance systems.

GOMACO has a close working relationship with the three major suppliers of 3D guidance, Topcon, Leica Geosystems, and Trimble. We're able to provide our contractors with the best system for their project, whether it's tight radii island paving in a parking lot or new bike path through a residential neighborhood.

Here's how 3D stringless paving works: First of all, a 3D design file of the project has to be created. Contractors load the design file into their 3D system's computer mounted on the GOMACO machine. G+ Connect™ allows the two control systems, the machine's G+® controller and 3D computer, to talk to each other. The operator on the GOMACO machine simply has to choose from a map on the computer where he wants to pave on the project. A display screen on the 3D control system shows the operator where he's at on the project and lets him know that he's positioned correctly. Total stations or laser transmitters and a GPS base station (depending on the 3D system being used), are positioned on the site and oriented to site control points. The instruments will communicate with the paver to provide position information, which is used for guidance.

GOMACO's G+ control system has an entire library of sensor capabilities for controlling slope, grade and steer with set-up configurations for any project requirement. This includes paving with 3D guidance systems. It's as simple as connecting with G+ Connect to the G+ control system and it recognizes the 3D system and communicates with them. 3D machine guidance eliminates the human error that can be involved with setting a physical stringline. 3D works from a digital model with a virtual stringline, which is a constant that cannot be physically changed.

"During paving, trucks or workers can accidentally hit the line causing stringline movement and errors in paving," Kevin Klein, GOMACO's Vice President of Engineering/Research & Development, said. "Conventional stringline is prone to displacement. Relying on a physical string measured and 'eye-balled' by workers for set up and accuracy can build error into the paving."

Contractors no longer have to deal with the hardware of traditional stringline... the clamps, stakes, string, and the manpower necessary to set the stringline for the entire distance of the project. When working with stringline, workers are needed to monitor and maintain the line during the paving operation. Then, at the end of the day, a crew has to go out and gather and store all of the hardware.

Along with the time savings, 3D machine guidance increases job-site flexibility and improves job-site logistics, such as not having to work around or be limited by stringline; no restrictions in getting concrete trucks in and out of the site; easier to pave in tight-clearance conditions because extra room for stringline is not needed; and the contractor has the ability to pave anywhere on the project at any time.



The GT-3600 with 3D machine guidance slipformed radii as tight as 2.5 feet (0.8 m) on this parking lot project in Tennessee.



The GT-3600's All-Track Steering, combined with the 3D system's steering algorithms, allow smooth entrances and exits and tighter cornering for tight radii work.

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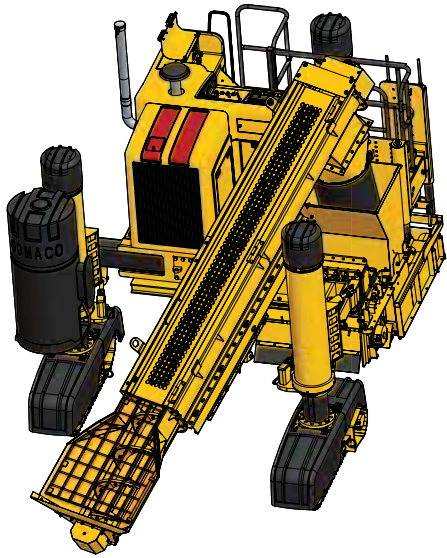
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State-of-the-Art Technology Provides High Production, Versatility, and Easy Operation

Fast Concrete Loading Provides Increased Production

Fast concrete loading provides high-production results. There are two conveyor systems to choose from with the GOMACO GT-3600, the standard belt conveyor and the auger. The standard conveyor for the GT-3600 is 15 feet (4.6 m) long, 24 inches (610 mm) wide, and has a belt speed variable up to 284 feet per minute (86.6 mpm). It is hydraulically powered and reversible with a charging hopper. The belt conveyor is pivot mounted with hydraulic lift and positioning. The mold is designed with extra concrete capacity, to allow slipforming through a tight radius without waiting for concrete delivery.

An auger is also available that provides fast and efficient concrete flow. It has increased flighting spacing with a 16 inch (406 mm) diameter auger with full pitch, for efficient handling of concrete.



The auger is an alternative to the standard belt conveyor. Either system provides fast and efficient concrete flow to the mold.



The conveyor allows for fast delivery of concrete to the hopper. The access door can be opened for ease of clean up at the end of the day.



The GT-3600 has an optional auger available for concrete delivery.



The GT-3600 sensor arms and mounts are more durable, lighter weight, and easier to manipulate than ever before.



Conveyor Belt Wiper

The conveyor belt wiper is a standard bolt-on attachment for the GT-3600 and features segmented blades mounted on individual cushions. This feature allows the cleaning tips to maintain continuous contact without the need for constant adjustment. The spring tension design allows a quick and easy adjustment.



A GT-3600 uses hydraulic vertical adjustment to slipform up to and over a driveway within a residential area.



Guillotine-Style and California-Style Curb Depressors

Another feature on the GT-3600 is the optional hydraulic-powered driveway depressors, available for curb and gutter molds. This feature allows the GT-3600 to eliminate wasted material while slipforming through driveways.



Curved Blade: California-style curb depressor has a curved blade that enters the face of the curb, providing a smooth finish.



Straight Blade: Guillotine-style curb depressor has a straight blade that enters the face of the curb while slipforming through driveways.



A GT-3600 uses the guillotine-style curb depressor to block out the curb for a driveway. The California-style depressor would have provided a smooth, rounded finish to the curb line.



Sectionalized Trimmerhead

The standard 30 inch (762 mm) wide trimmerhead with insert sections provides up to a 66 inch (1676 mm) wide sectionalized trimmerhead with right-hand or left-hand discharge available. The insert sections are available in 12 inch (305 mm), 18 inch (457 mm), and 24 inch (610 mm) widths.



Sideshifting Trimmerhead

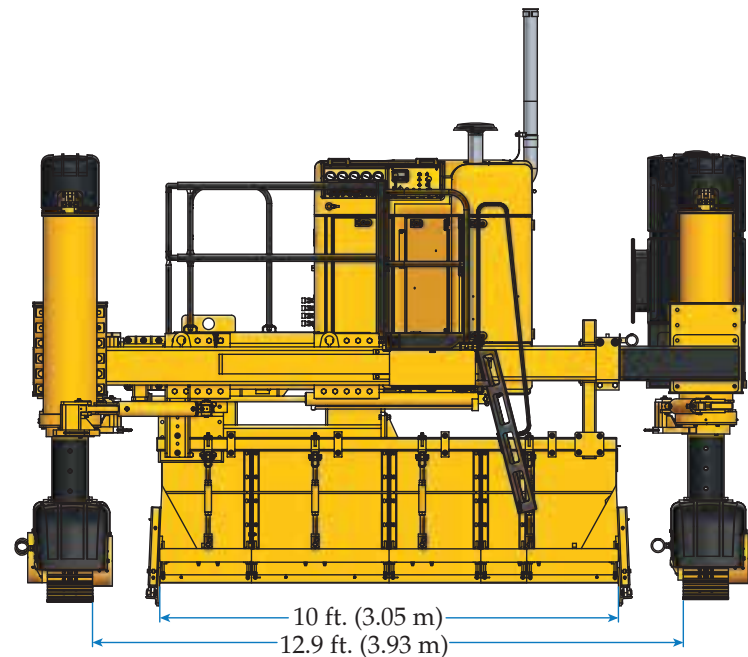
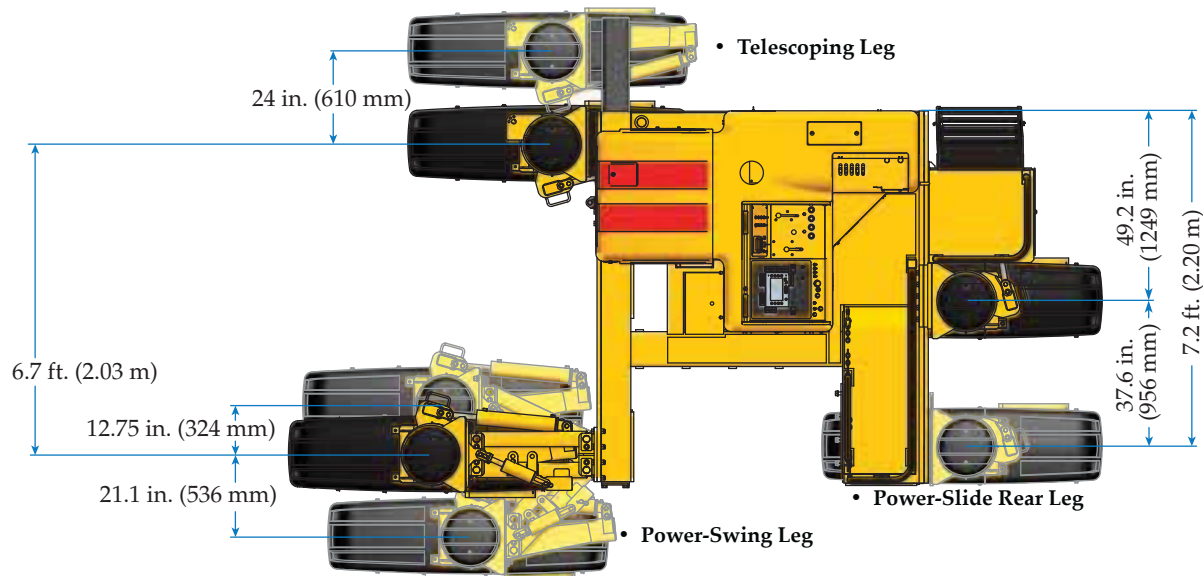
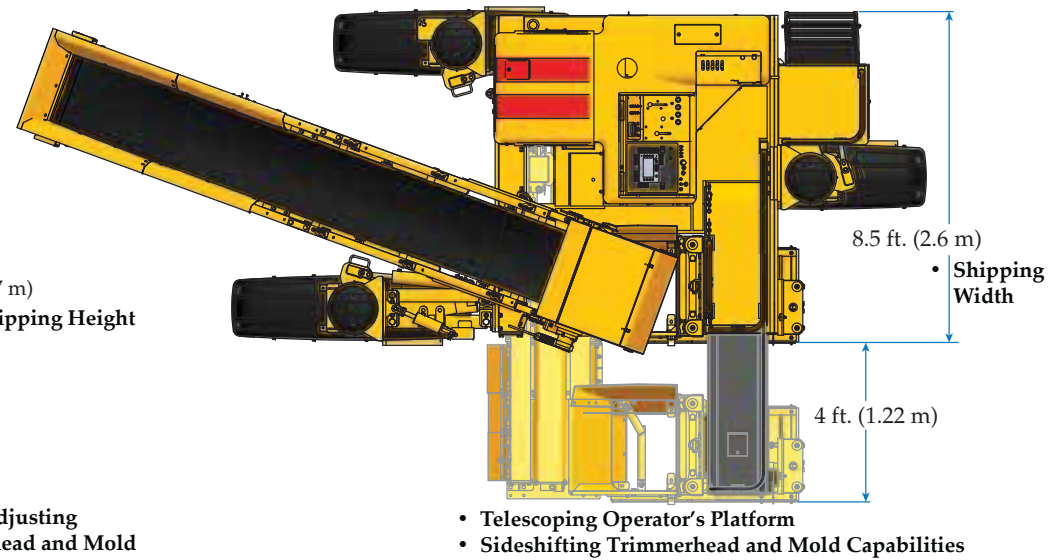
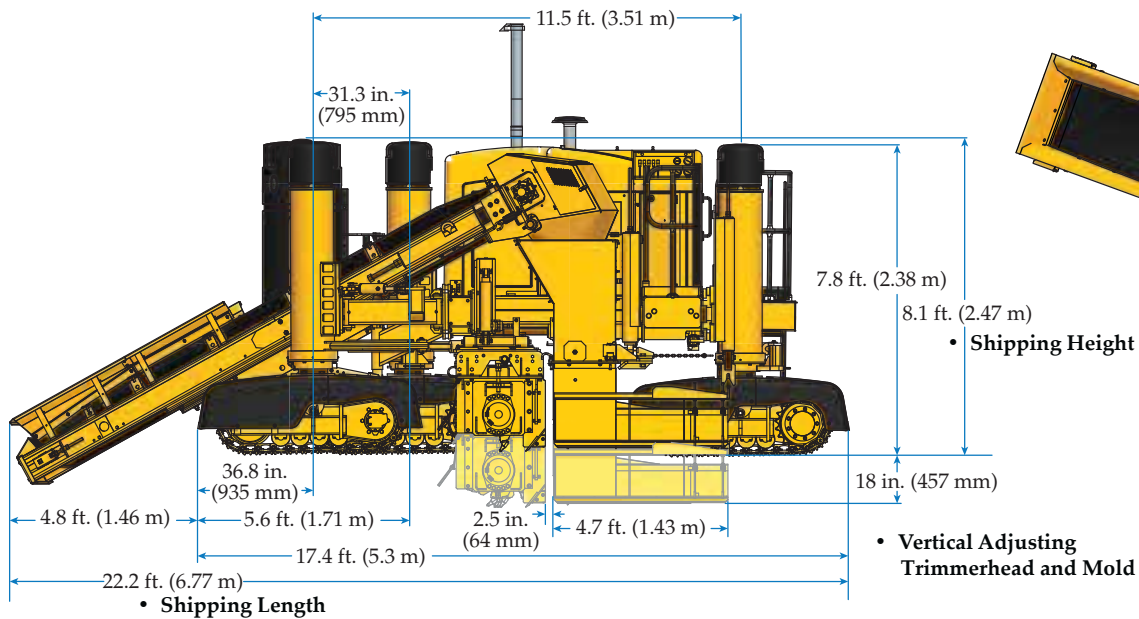
The trimmerhead can be raised and also sideshifted up to 48 inches (1219 mm) for clearance of obstacles and to allow the GT-3600 to pave right up to the obstacle. The mold can then be hydraulically lifted off the curb and over obstacles (shown above).

Hydraulic Vertical Adjustment... The ability to raise and lower the trimmerhead and mold makes the GT-3600 ideal for rehabilitation work and going over driveways, manholes, and other obstacles. The GT-3600 can pave right up to the driveway. Then the operator raises the mold, allowing the machine to travel across the distance of the driveway, without leaving the stringline. The mold is then lowered to grade and slipforming continues.

The GT-3600 has piston-style legs with bearings on both ends of the inner tube. There is no steel-on-steel contact. The steel keyway on the cylindrical inner tube provides steering control. The mold can be lowered below grade to slipform curb and gutter.



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All-Track Positioning (ATP) provides the versatility in our slipform pavers. GOMACO's left-front track features a pivoting power-swing, the right-front track hydraulically extends/retracts, and the rear track hydraulically sideshifts. Each leg has a reinforced steel attachment plate that allows extra leg height adjustment. ATP provides the capability of performing various applications and working with differences in grade elevations and unique job-site logistics.



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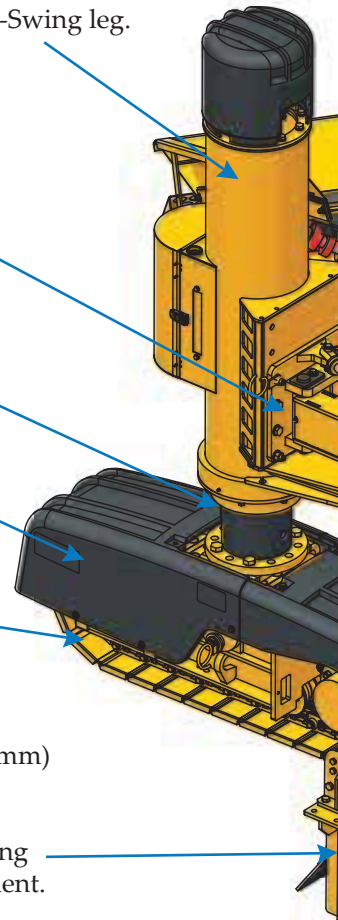
GT-3600

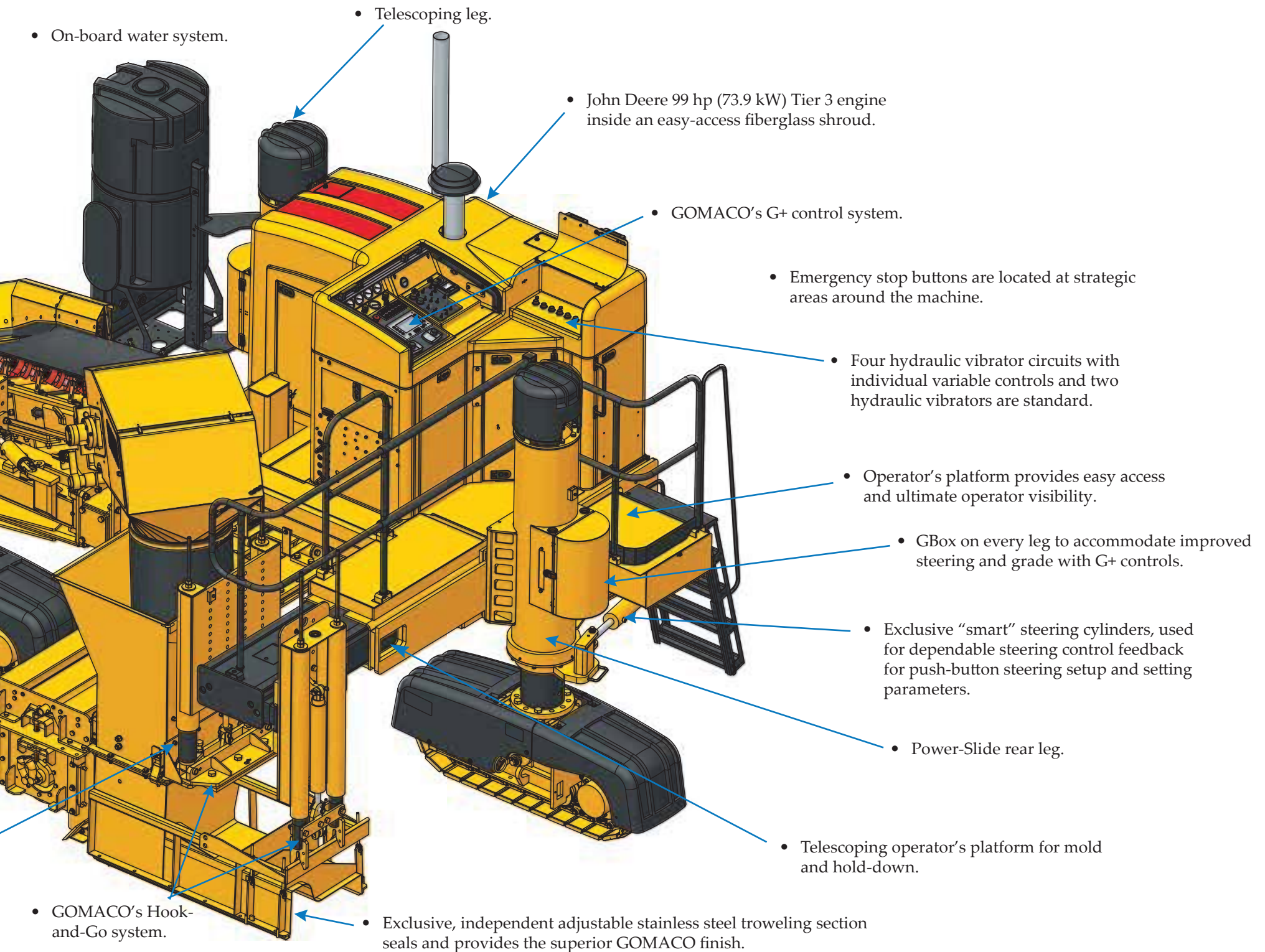
- Operational speed up to 42 feet per minute (12.8 mpm) and 125 feet per minute (38 mpm) for job-site mobility.
- Slipforms a 24 inch (610 mm) radius.
- All-Track Steer (ATS) saves time getting on and off stringline, job-site mobility, and loading and unloading for transport. The ability to steer all of the tracks allows accurate steering around tight radii.
- All-Track Positioning (ATP) allows the legs to be positioned for more stability and for clearance of obstacles. Telescoping right-front leg, power-swing left-front leg, and power-slide rear leg for positioning.
- GOMACO's G+® control system featuring self-diagnostics for grade and steering, cross-slope and selective steer controls for paving accuracy and ease of operation.
- GT-3600 hydraulically elevates to slipform barrier or parapet without modifications.
- Transports at 8.5 feet (2.6 m) wide, 22.2 feet (6.8 m) long, and 8.1 feet (2.5 m) high.
- Multi-application with curb and gutter, sidewalk, recreational trail, barrier wall, bridge safety parapet, and slab paving up to 10 feet (3 m) wide.

- Conveyor with 4-way hydraulic positioning for slide and tilt. Charging conveyor, 15 feet (4.6 m) long and 24 inches (610 mm) wide, hydraulically powered, reversible with charging hopper provides increased production.

- Each track has 36 inches (914 mm) of hydraulic leg height adjustment and an additional manual adjustment of 8 inches (203 mm).
- Piston-style legs.
- Industrial strength molded track guards for added safety and durability.
- Three hydraulically powered, gear-driven crawler tracks, 5.25 feet (1.6 m) long.
- Sideshifting trimmerhead with 48 inches (1219 mm) of hydraulic sideshift, 12 inches (305 mm) of hydraulic vertical adjustment, and six inches (152 mm) of manual vertical adjustment, allowing for up to 18 inches (457 mm) of vertical adjustment.

- Vertical-lifting mold.





G+® Controls – Designed For Concrete Paving

It is now the technology that pulls everything together... G+ is the center that Connects all of the resources.

Once you experience G+ controls, you won't be satisfied with anything else. It's a control system that is both easy to learn and easy to operate. G+ expresses itself in easy to understand international icons and full script explanations. It operates in all the major languages of the world and offers metric or imperial measurements. It has a lightning-fast processing speed and features two-way communications between the paver accessories and G+. Its instant digital feedback combined with the tight closed-loop electronic and hydraulic control creates a G+ paving experience that is smooth, efficient, and accurate. There is nothing on the market that can compare, because G+ is a proprietary system that was designed by our in-house control experts from what we have learned from years of experience in the field, and from what we have learned from you, our customer.

- Machine Setup and Operation is Simple
- Machine Response is Faster
- Troubleshooting is Pinpointed, Quicker, and Easier

The exclusive GOMACO G+ control system features self-diagnostics for grade and steering. It features new and easy-to-operate hardware with steering and travel dials. The elevation jog buttons, located to the left of the display screen, are used to manually change the elevation of the leg when the control loop is set to manual mode. The steering jog buttons, located above the display screen, are used to manually change the steer direction of the leg when the control loop is in the manual mode.

A flat-panel 6.5 inch (165 mm) anti-glare display screen is provided with sensor-controlled backlight levels for superior visibility in all operating conditions. The screen is rugged and shock resistant in its construction to protect against dust, moisture, and rain. G+ provides a full color display on the control panel to illustrate the various aspects of the paver for set up and operation. A "run" screen on the control panel illustrates the various aspects of the paver. It includes leg position, paving speed and percentage of drive, steering, travel information, grade information, deviation meters, and more. Newly designed icons and color graphics make it easy to understand and easy to identify the targeted functions. G+ controls feature a detailed fault history with the time stamp date and information to track when each fault occurred. GOMACO's G+ control system has been proven around the world.



CV-01411-D19



CG051422-D11

GBox

The GT-3600 has the new GBox on every leg to accommodate improved steering and grade with G+ controls. It's part of GOMACO's electronic and hydraulic initiative. The GBox features a new location for the slave controller and proportional valves, reduces hose and wiring needs, eases serviceability and troubleshooting, and provides easy access with a horizontal swing door at ground level.



CV-031410-D16

GOMACO's GBox with a plexiglass covering at CONEXPO-CON/AGG 2014.

First in the Industry to Design a Three-Track Machine to Slipform A 24 inch (610 mm) Radius Curb

- Unique design allows automatic adjustment of trajectory in and out of a tight radius.
- Multiple sensors and mold positioning assures perfect placement of concrete through a tight radius.

A 24 inch (610 mm) radius curb is accomplished with the unique machine design, which includes but is not limited to operator station visibility, GOMACO's G+ control system, large capacity hopper, mold positioning, multiple sensors, and three-track versatility.

The GT-3600 is designed to eliminate guesswork and automatically adjusts trajectory in and out of a tight radius. The GT-3600 is equipped with three steer sensors. One sensor is located at the front of the mold (sensor 1); one is located at the front of the stainless (sensor 2); and one is aligned with the back of the stainless (sensor 3). As the GT-3600 enters the radius, the operator switches from sensor 1 to sensor 2 with a toggle switch. This concept is simulated in stringless guidance.

The mold on the GT-3600 is positioned to assure perfect placement of the concrete through a radius. Also important for a tight radius is travel speed, mix design, slump of concrete, and grade preparation.

The hopper on the GT-3600 is designed for extra concrete capacity. Loading the hopper and the 15 foot (4.6 m) long, 24 inch (610 mm) wide charging conveyor full prior to going into the radius allows for continuous travel through the radius without having to wait for another concrete delivery.



The steer sensors automatically adjust trajectory in and out of tight radii as the GT-3600 moves forward.



The GT-3600 equipped with the Leica Geosystems 3D guidance slipforms the tight radii of parking lot islands with ease after having loaded the hopper and charging conveyor prior to starting the island.



Sixteen islands and one longer island design in the center of this parking lot project were paved the first day on the job. This was also the first day the contractor paved with Topcon 3D guidance, integrated with the GOMACO G+ control system on their GOMACO GT-3600 curb and gutter machine.

Multi-Application and More...

Ribbon Curb... Curb & Gutter... Bridge Parapet... Median Barrier... Sidewalk... Recreational Trail...
Irrigation Canals & V-Ditch... Simultaneous Trimming & Slipforming... Minimum-Clearance...
Slipforming Over Caged Reinforced Steel... Feeding Longitudinal Rebar...



A GOMACO GT-3600 slipforms the foundation for an ice skating rink in Michigan.



The versatile GOMACO GT-3600 slipforms a drainage channel in France. The side-mounted design allows minimum-clearance on the left side of the mold.



A GT-3600 with a custom-built mold slipforms a 24 inch (610 mm) median strip at a 30 degree angle with red dyed concrete.



A project for 10 rows of stair-stepped risers within a new football stadium is completed in five passes around the facility with the GT-3600.



The GT-3600 slipforms 18 holes of continuous golf cart path. This golf cart path is eight feet (2.4 m) wide, four inches (102 mm) thick, and 30,200 feet (9205 m) in length. The total amount of slipformed concrete required was 3020 cubic yards (2309 m³).



A GT-3600 slipforms a safety barrier in Equatorial Guinea.



This GT-3600 slipforms curb and gutter next to traffic on a road in Canada.

Featuring Versatility



CG-051008-D-9

This GT-3600 slipforms a 16 inch (406 mm) curb in Canada.



CG-041106-D-9

The operator uses the sideshifting capabilities to achieve minimum-clearance as the GT-3600 passes by a utility pole on a rehabilitation project.



CG-060813-D-12

The GT-3600 slipforms a 10 foot (3 m) wide sidewalk with a center-mounted mold.



A GT-3600 slipforms a drainage channel for water to run off the bridge. The GT-3600 is slipforming up against a wall. The stringline holders have been mounted to the wall, so the GT-3600 will follow the wall profile.



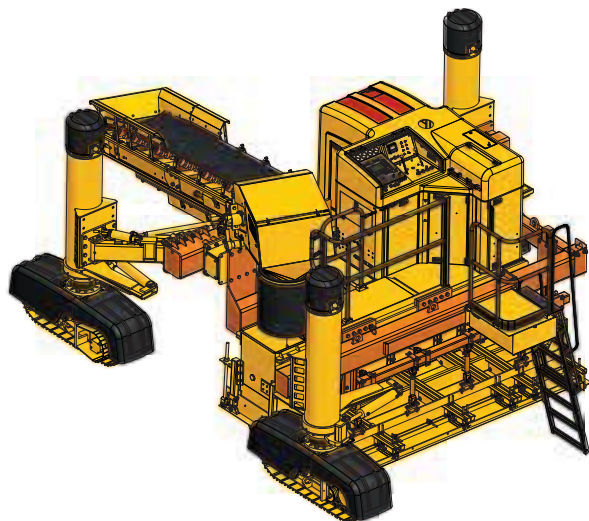
A GT-3600 slipforms curb at a new power plant in Trinidad.



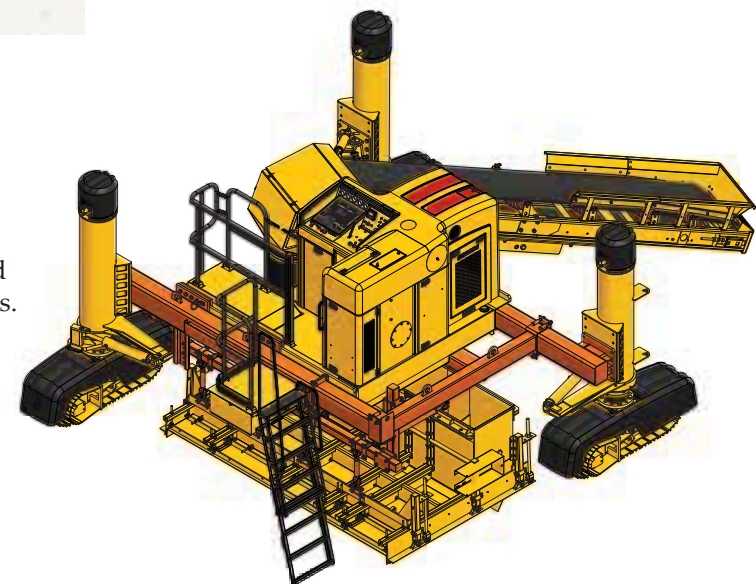
A crew member works behind the GT-3600 putting the finishing touches on a drainage channel.



A GT-3600 slipforms 10 foot (3 m) wide dolly pads at a distribution facility. The dolly pads keep the landing dollies of truck trailers from sinking into an asphalt surface while the trailers wait to be loaded for transport.



The centermounted mold on the GT-3600 is built with a "frame around a frame" concept, which is illustrated by the orange sections of framework in these drawings.





This GT-3600 slipforms curb and gutter below grade on a rehabilitation project. Using the telescoping mold and hold-down, the GT-3600 is able to achieve minimum-clearance as it passes a residential telephone pole.



The GT-3600 with All-Track Positioning (ATP) provides easy setup for slipforming sidewalks. Steering and grade are referenced off the existing curb.



Minimum-clearance, versatility, and high production are achieved with the GT-3600 as it slipforms this five foot (1.5 m) wide sidewalk.

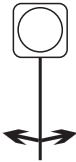
GOMACO's Selective Steer Controls

Featuring steering choices for job-site mobility and transportability.

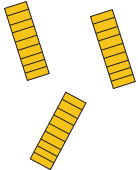
Selective steering options can be chosen by the operator when they turn the selective track steering dial to either the stringline steer mode, or the manual steering choices of coordinated steer, crab steer, front steer, or rear steer.

All-Track Steer (ATS) is great for saving time when getting on and off stringline, job-site mobility, and loading and unloading for transport. The ability to steer three tracks of a paver also provides accurate steering control when pouring barrier and parapet, sidewalk, or 10 foot (3 m) wide paving.

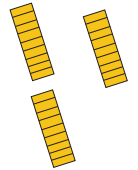
ATS provides the ability to steer around a tight radius, rather than sliding on grade. When all tracks have the capability to steer, you eliminate the skid steer action through a radius and produce a high quality end product without continual manual adjustment of the machine sensors. The end product is a radius that is an accurate reflection of the stringline.



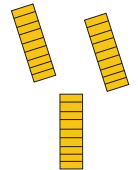
Stringline Steer Mode - This mode is selected when steering is to be controlled by the steering sensors. With the machine on line and in automatic steer, the operator walks the machine in reverse to the existing curb and gutter, utilizing the Reverse Steer feature. Then, flipping the switch to forward steer, the operator starts to slipform.



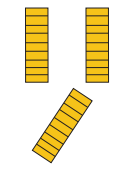
Coordinated Steer - For minimum turning radius. When the steer select switch is in the Coordinated Steer position, the steering control dial will control the turning of the tracks. When the dial is in the center position, the tracks will be straight ahead. If the dial is turned left or right from the center position, the leading tracks will turn in the corresponding direction and the trailing track will turn in the opposite direction.



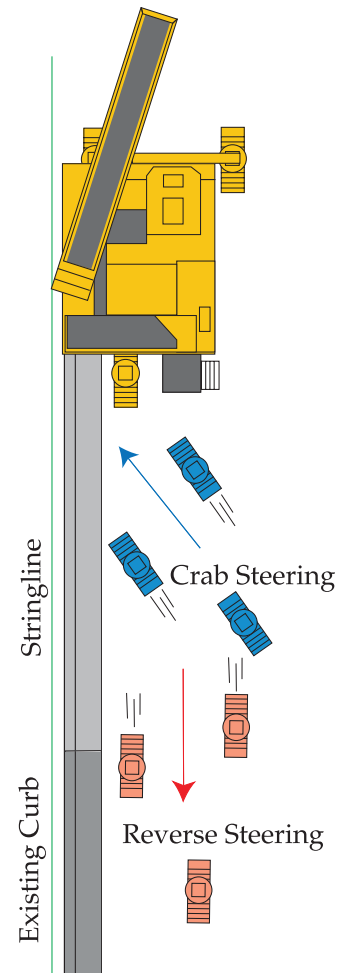
Crab Steer - Walks sideways for ease in putting the machine on line. When the steer select switch is in the Crab Steer position, the steering control dial will control the turning of the tracks. If the dial is turned left or right from the center position, all tracks will turn in the corresponding direction to walk the machine sideways.



Front Steer - When the steer select switch is in the Front Steer position and the steering control dial is turned left or right from the center position, the front tracks will turn in the corresponding direction and the rear track will remain straight.



Rear Steer - When the steer select switch is in the Rear Steer position and the steering control dial is turned left or right from the center position, the rear track will turn in the corresponding direction and the front tracks will remain straight.





The GT-3600 has an operational speed up to 42 feet per minute (12.8 mpm) for high production curb and gutter slipforming applications.

GT-3600 Trimmer/Slipform Paver Specifications

ENGINE

Type: 4045TF285B John Deere Tier 3 diesel.

Power: 99 hp (74 kW) @ 2400 rpm.

SERVICE CAPACITIES

Fuel reservoir: 44 gal. (166.6 L), locking cap.

Hydraulic oil reservoir: 105 gal. (397.5 L).

HYDRAULIC SYSTEM

Pumps: Two double-stage main pumps provide 102 gpm (386 Lpm) @ 2400 rpm. One pressure-compensated lift control pump provides 20 gpm (76 Lpm) @ 2400 rpm.

Hydraulic oil cooling: Extra capacity forced-air oil cooler and reservoir designed with internal baffling for atmospheric cooling.

Filtration: Industry standard filtration, including 10 micron return line filter, two 200 mesh magnetic sump strainers and one 20 micron control circuit filter.

VIBRATORS

Type: Hydraulically powered, motor-in-head, variable speed, independently controlled, and synchronized with machine movement.

Quantity: Four hydraulic circuits and two hydraulic vibrators with mounts included with each machine.

SLIPFORM MOLD

Curb and gutter mold: One mold standard up to 24 in. (610 mm) wide. Optional molds available for curb and gutter, barrier, parapet, and sidewalk.

MOLD DRAWBAR & HOLD-DOWN ASSEMBLY

Hydraulic lift: 18 in. (457 mm) pressure-compensated hydraulic vertical adjustment with the capability to adjust up to 24 in. (610 mm), with 6 in. (152 mm) manual vertical adjustment.

Sideshift: 48 in. (1219 mm) maximum hydraulic sideshift.

AUTOMATIC CONTROL SYSTEM

Type: Electronic-over-hydraulic.

Controls: GOMACO's G+® control system features multi-language capabilities, metric or imperial measurements, color graphics, and a 6.5 in. (165 mm) anti-glare display screen.

Reverse auto control: Single switch sets controls for automated control with machine traveling in reverse.

Remote control: Tethered remote control handset included for operator convenience.

SUBGRADE TRIMMER (Sectionalized)

Sectionalized trimmer: Internal hydraulic drive system and 24 in. (610 mm) diameter trimming wheel.

Trimmer wheel rotation: Upward cut.

Width: 30 in. (762 mm) to 66 in. (1676 mm) sectionalized trimmerhead with hydraulic sideshift capability. Right-hand discharge standard.

Sideshift distance: 48 in. (1219 mm) maximum hydraulic sideshift.

Hydraulic lift trimmer: 12 in. (305 mm) hydraulic vertical adjustment with the capability to adjust up to 18 in. (457 mm), with 6 in. (152 mm) manual vertical adjustment.

Optional direct-drive trimmerhead: Trimmerhead is directly driven with a radial piston hydraulic motor which provides a 15 percent increase in torque for more power.

CHARGING CONVEYOR

Type: Hydraulically powered, reversible with charging hopper. Pivot mount conveyor with hydraulic lift and positioning.

Length: 15 ft. (4.6 m) between pulley centers.

Width: 24 in. (610 mm).

Belt speed: Variable up to 284 fpm (86.6 mpm).

Belt wiper: Features segmented blades mounted on individual cushions. This allows the cleaning tips to conform to the centers of the belt for constant contact without the need for constant adjustment.

Conveyor mount: Features 36 in. (914 mm) hydraulic slide adjustment with 6 in. (152 mm) hydraulic tilt cylinder and manual pivoting mount

(slide and tilt) for negotiating discharge from the ready-mix truck and negotiating grade variations. This allows truck positioning to the front or the side of the machine. Hydraulically powered mount controls conveyor slope.

Hopper: Designed for more concrete capacity to allow slipforming a complete radius without waiting for concrete delivery.

WATER SYSTEM

Type: On-board water system.

Capacity: 100 gal. (378.5 L) water tank with hydraulically driven pump, hose, and nozzle.

TRACK SYSTEM

Type: Three hydraulically powered, gear-driven crawler tracks.

Overall track length: 5.1 ft. (1.6 m).

Center-to-center sprocket/idler length: 40.1 in. (1019 mm).

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

Gearbox reduction: 100:1 gear reduction with two-speed hydraulic motors.

Track speed: Variable up to 42 fpm (12.8 mpm); auxiliary variable up to 125 fpm (38 mpm).

Track tension: Fully automatic, hydraulically locks in on machine start-up, maintaining a steady tension of the track chain.

Leg height adjustment: Each track has 36 in. (914 mm) hydraulic adjustment and an additional manual adjustment of 8 in. (203 mm).

Telescoping leg for positioning right-front track: Hydraulically controlled, allows 24 in. (610 mm) lateral track adjustment range.

Power-slide leg for positioning rear track: Hydraulically controlled, allows up to 40 in. (1016 mm) lateral track movement.

Power-swing pivoting left-front track mount: Hydraulically positions left-front track up to 21 in. (533 mm) to the left or up to 12.25 in. (311 mm) to the right of the straight-ahead position.

DIMENSIONS (Shipping)

Overall length: 22.2 ft. (6.8 m) with conveyor.
17.4 ft. (5.3 m) without conveyor.

Overall height: 8.1 ft. (2.5 m) with trimmerhead.

Overall width: 8.5 ft. (2.6 m) with trimmerhead.
8.3 ft. (2.5 m) without trimmerhead.

WEIGHT (Approximate)

25,720 lbs. (11,666 kg). Weight can vary depending on size of mold and options.

OPTIONS

- 4045HF285F John Deere Tier 3 diesel engine, 125 hp (93 kW) @ 2400 rpm.
- Barrier/parapet sidemount attachment. Maximum slipforming height of 50 in. (1270 mm).
- Auger provides fast and efficient concrete delivery.
- Guillotine-style curb depressor has a straight blade that enters the face of the curb. Hydraulically powered, for use on curb and gutter molds while slipforming through driveways. Can be changed to other molds if they are slotted and clamped to accept the driveway cutout.
- California-style curb depressor has a curved blade that enters the face of the curb. Hydraulically powered, for use on curb and gutter molds while slipforming through driveways.
- Hydraulic pressure-compensated sideplates.
- Additional vibrators and mounts.
- Two additional vibrator circuits and controls.
- Left-hand discharge trimmerhead.
- Trimmerhead direct-drive, radial piston motor provides a 15 percent increase in torque for more power.
- Trimmerhead insert sections of 12 in. (305 mm), 18 in. (457 mm), 24 in. (610 mm), and 30 in. (762 mm) widths are available for trimmerhead width to 66 in. (1676 mm) maximum.
- Curb and gutter molds will be built to customer specifications. Various mold options are available.

- Mold centermount kit, includes drawbar to mount in place of trimmerhead and extension for the rear leg.
- High-pressure water system, includes trigger gun control and adjustable pressure unloader for up to 2000 psi.
- Polyurethane track pads, 81 pads required.
- Radius wheels for use on radius work, saving time on stringline set-up.
- 3D package for stringless guidance.
- Other options are available to customize the machine to accommodate applications and customer needs.



The GT-3600's compact paving width makes it an ideal machine for working within confined spaces, like this tunnel project in Canada.

Designed For Safety

The GT-3600 is carefully designed to give years of dependable and safe service. Emergency stop buttons (E-Stops) are located on strategic areas of the machine. The E-Stops are on the operator's console and on corners of the machine, or they can be positioned at various points on the machine providing optimal use for specific applications. Other safety features include track guards, warning decals, an operator's manual, and a safety manual. GOMACO machines are also designed to provide the operator maximum visibility over the entire paving operation. GOMACO Corporation recommends the implementation of all safety procedures.



The GT-3600 uses the trim/pour feature on a unique curb profile.



Stringless curb and gutter is slipformed on a new parking lot project with 3D stringless controls.

Cover photo: CG-041106-D-10

Manufactured under one or more of the following U.S. or foreign patents: 5,190,397; 5,209,602; 5,924,817; 5,941,659; 6,099,204; 6,450,048; 2,211,331; 2,069,516; 7,044,680; 7,284,472; 7,517,171; 7,845,878; 7,850,395; 2,591,177; and patents pending.

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Printed in U.S.A. © 2015 (4 GC Web)
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GOMACO Corporation's Quality Management System Is
ISO 9001 Certified By The American Systems Registrar.

Quality Policy: We Shall Meet Or
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