



EDMACO®

The Worldwide Leader in Concrete Paving Technology

"POWER OF CHOICE"

- RIGHT-SIDE OR LEFT-SIDE PAVING TO ACCOMMODATE YOUR PAVING NEEDS
- WIRELESS REMOTE CONTROL WITH GOMACO'S EXCLUSIVE OPERATING SYSTEM
 - DIRECT-DRIVE TRIMMER
 SAFETY FEATURES
 LARGE CAPACITY HOPPER
- HOOK-AND-GO MOLD SYSTEM
 DIRECT-DRIVE AUGER
 ALL-TRACK STEERING (ATS)
 - STRING OR STRINGLESS
 SELECTIVE STEER
 PUSH-BUTTON STEERING SETUP



Nothing Remotely Like It...

The GOMACO three-track GT-3400 curb and gutter machine.... there is nothing remotely like it.

It's remote controlled! The remote control is light weight and durable and gives the operator total freedom to move about the operation. The remote features all the necessary functions, including vibrator adjustment and an emergency stop. The wireless remote control was designed for ultimate safety and visibility. This little 6.75 lb. (3.1 kg) package has twenty-one toggle switches, three control dials, five indicator lights, four variable controls for the vibrators, and a large red emergency stop button. Built-in safety features stop the machine if the remote would lose communication or if the remote control turns on its horizontal axis more than

60 degrees. The wireless remote features "frequency hopping." The remote is constantly changing channels. Every 200 milliseconds it changes frequency to maintain contact with the machine. The remote can be tethered to the machine for areas that do not allow transmitting.

The GT-3400 can be right-side or left-side pour. You can pave with either stringline or go stringless. The exclusive operating system interfaces with stringless technology/3-D control systems. It features a revolutionary, high-powered trimmer, and changing molds is quick and easy with the new Hook-and-Go mold system. Its total length is less than 17 ft. (5.2 m) and the new three-track design features All-Track Steering. The GT-3400 is the beginning of a whole new class of curb and gutter machines.

The versatile GT-3400 is powered by a 136 hp (101.5 kW) electronic controlled Caterpillar® diesel engine with a remote

WITH THE GT-3400

- SIX FOOT WIDE PAVING FIFTY INCH HIGH BARRIER OR PARAPET WALL
- TWO-SPEED TRACK SYSTEM
 HIGH PRODUCTION
 CAT® DIESEL ENGINE POWER
- 24 INCH RADIUS CURB DESIGNED FOR TRANSPORTABILITY VISIBILITY
- SIDESHIFTING TRIMMERHEAD
 MULTI-APPLICATION VERSATILITY
 MORE TORQUE
- VERTICAL ADJUSTING TRIMMERHEAD PISTON STYLE LEGS JOB-SITE MOBILITY

mounted cooling package. The engine, coupled with state-of-the-art hydraulic circuitry, results in the most fuel efficient horsepower to work-performed ratio in the industry. The cooling package fan is driven by a hydraulic motor which allows the exclusive operating system to vary the fan speed to match the cooling demand. This results in less engine horsepower dedicated to the fan and a quieter operation.

The GT-3400 features the simultaneous trim/pour concept. The GT-3400 trimmer is the most powerful trimmer on the market today. GOMACO's direct-drive trimmerhead is driven with a radial piston hydraulic motor. The trimmer's closed-loop hydraulic circuit and radial piston motor provide 28,684 inch-pounds (3241 N-m) of torque at the trimmerhead. The 24 in. (610 mm) diameter trimmer is equipped with Kennametal teeth, and the trimmer's width can be varied from 30 in. (762 mm) to 78 in. (1981 mm). The direct-drive auger system provides more torque and the hopper is designed for extra concrete capacity. These features provide highproduction paving.

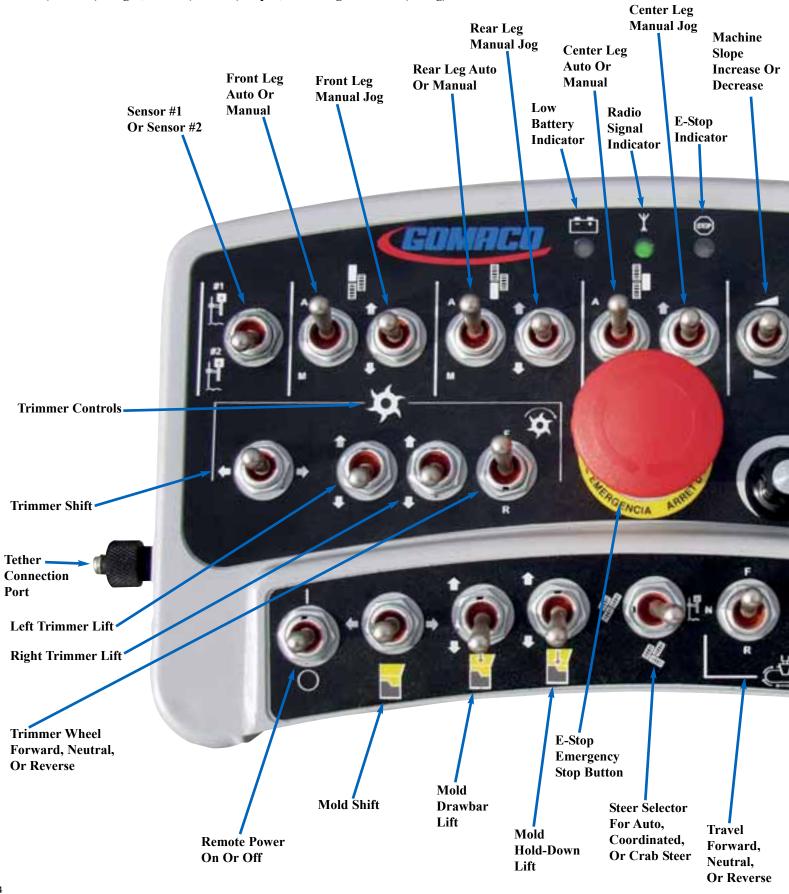
More GT-3400 features include the new piston style legs and the two-speed motor that provides a fast tracking speed of 125 fpm (38 mpm) for job-site mobility.

The GOMACO three-track GT-3400 is a multi-application machine, including curb and gutter, tight radii, safety barrier, bridge parapet, sidewalk, monolithic sidewalk and curb and gutter, recreational path and flat slabs up to 6 ft. (1.83 m) wide.

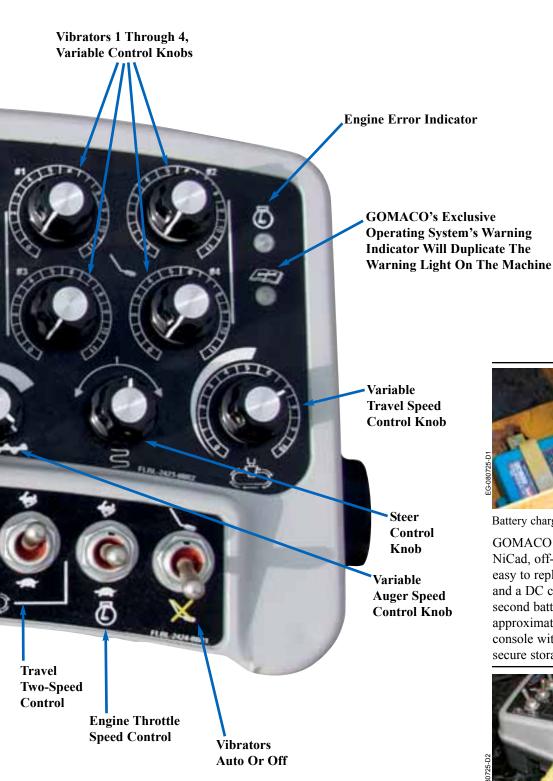


WIRELESS REMOTE PROVIDES S

Wireless Remote Shown At Its Actual Size Of 11 in. (279 mm) Wide, 7 in. (178 mm) Height, 4.5 in. (114 mm) Depth, And Weighs 6.75 lb. (3.1 kg)



SAFETY AND FREEDOM









Battery charger and spare battery Battery access to remote

GOMACO's wireless remote is powered by a 9.6 volt NiCad, off-the-shelf Makita® battery, which makes it easy to replace. The machine ships with two batteries and a DC charger that is in the console for charging the second battery. A fully charged battery will last for approximately twelve hours. The remote fits under the console with the exclusive digital operating system for secure storage.



The remote can be tethered to the machine for job-site areas that do not allow transmitting. The remote bypass cable is located inside the console.

THE GT-3400 IS THE PERFECT MACHINE

Many parking lot designs for curb and gutter have sharp angles, short runs, tight radii, and do not always take slipforming into consideration. The GOMACO GT-3400 makes these kinds of jobs possible. Its compact size from front to back, allows the machine to get into the small areas where one island ends and another begins. And with its extra-large capacity hopper, it's easier to complete a tight radii, with minimal hand work. The photos on these two pages are from projects that illustrate job conditions with a multiple number of curb and gutter islands, short runs, tight radii, and minimum room for maneuvering the paving machine.

Tight radii are not a problem with the GT-3400. A two-foot (610 mm) radius ribbon curb is accomplished with the unique machine design, operator visibility, GOMACO's exclusive operating system and wireless remote, hopper, mold positioning, multiple sensoring and three-track versatility. The GT-3400 utilizes three steer sensors to eliminate guesswork. One sensor is located at the tip of the front track (sensor 1); one is located at the front of the stainless (sensor 2); and one is located at the back of the stainless (sensor 3). Sensor 1 and 2 control the front tracks and Sensor 3 controls the rear track for both forward and reverse steer. As the GT-3400 enters the radius, the operator switches from Sensor 1 to Sensor 2 with a toggle switch on the remote. The combination of the hopper and the charging auger enable the GT-3400 to continuously travel through a tight radius without waiting for concrete delivery. Also important for a tight radius are travel speed, mix design and concrete slump.













TO HANDLE JOB-SITE CONDITIONS











The Digital Power of **GOMACO's Exclusive Operating System**

The world's first full color, full text, and multi-language paver control system.

GOMACO's operating system is a digital control system with graphical display that provides easy to understand icons and multi-language commands. It is a revolutionary proprietary software and operating system that combines intelligence with simplicity for GOMACO construction equipment. The information is presented in full color, commands are presented in full text, and this system can contain multiple languages for operation.

The GOMACO operating system features a 6.5 inch (165 mm) anti-glare display screen with sensor-controlled backlight levels. It provides superior visibility under all operating conditions. Its rugged, shock resistant construction protects it against dust, moisture, and other outdoor elements. The highbrightness, color graphics, and fourteen (14) function buttons provide the ultimate user-friendly operator experience.



Training time on the machine is reduced dramatically because the user-friendly screen and controls are easy to understand. A simplified approach with screen icons is used to represent universal and quick identifications. Text fields provide complete descriptions of instructions, faults, or other communications in order to reduce the operator's learning curve to a minimum.

GOMACO's operating system is designed for the world market with the multi-language feature. This control system features the ability to

operate in English and other languages, of the operator's choice. It also offers the choice of metric or imperial measurements. The graphics, combined with your native language, makes it easy to understand and easy to identify the target function.

Even faster troubleshooting is possible because the operating system gives you a full explanation of the problem. Advanced system diagnostics on the operating system automatically pinpoints and identifies electrical circuit opens, shorts, and fault codes to aid in troubleshooting. A bright vellow LED light alerts the operator, and the operating system describes the fault with a full explanation and recommended action.

GOMACO's control system provides easy, push-button steering set up and trainable track steering when interfaced with GOMACO "smart" cylinders. Steering control has been simplified with the exclusive "smart" cylinders, used for dependable steering control feedback. The "smart" cylinder reduces moving parts and eliminates the physical adjustments to the steering system. The GOMACO operating system makes it possible to have push-button steering setup. The controller allows the operator to teach the "smart" cylinders to set a desired degree of leg rotation, so that the tracks do not strike any object in minimum-clearance or zeroclearance requirements, however, the operator has the option of overriding this setting.

Auto-transition and slope compensation... The optional transition software allows the operator to automatically transition in and out of "catch" or "spill" gutter. It automatically compensates for mold position in relationship to the stringline as a result of slope changes.



The dual language feature allows the operational screens to be in French/English or any other major language in the world.



Right-Side or Left-Side Pour Available for the Versatile GT-3400



These two GT-3400s, one ordered as a right-side pour (left photo) and one a left-side pour (photo below), went to work in France and were high-production slipforming with stand-up curb and channel curb and gutter. Both of these GT-3400s were equipped with the GOMACO exclusive operating system. The exclusive operating system has a feature that provides the operators with machine controls displayed in their French language.





The auger, featuring a 16 in. (406 mm) hydraulic slide adjustment, is lowered to receive the concrete.



The GT-3400 features a new three-track footprint with two close tracks on one side and a single track on the other side. With all-track steering, this footprint provides tight turning radius capabilities and easy alignment for getting on line.



An operator uses the wireless remote next to a GT-3400 paving a curb in Switzerland.

GOMACO's Quick and Easy Hook-and-Go

Changing molds on the GT-3400 is quick and easy with GOMACO's new heavy-duty Hook-and-Go mold-mounting system. It does not have pins or latches. Simply drive the GT-3400 up to the mold and hook the mount to a special attachment plate. Lower the hold-down and lift the mold and you are ready to start paving again.







High-Production Hopper

The extra-large capacity hopper is designed to allow continuous slipforming through a tight radius.



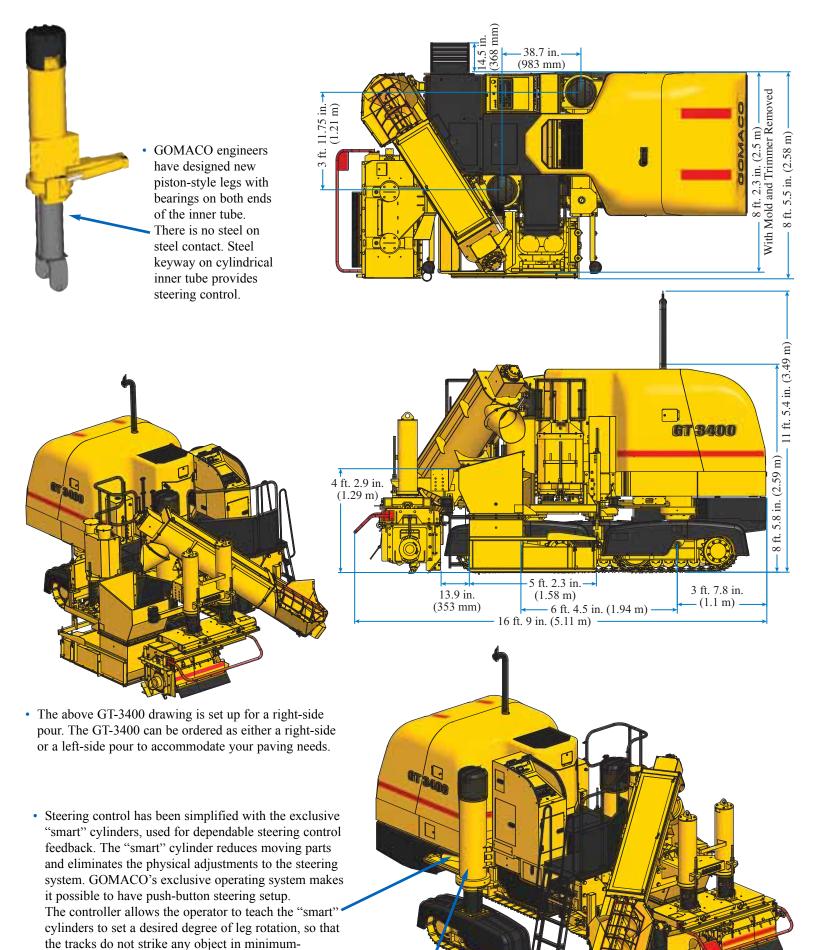
Direct-Drive Trimmerhead

The trimmerhead is directly driven with a radial piston hydraulic motor in a closed loop hydraulic system, making this trimmer the most powerful trimmer on the market today. The motor provides an increase in torque for more power and a faster tooth-tip rotational speed which moves the trimmed material out of the trimmerhead at a higher rate.



Powered by a Caterpillar[®] Engine

The GT-3400 is equipped with a 136 hp (101.5 kW) electronic controlled Caterpillar® diesel engine, providing plenty of power for high-production slipforming.



clearance or zero-clearance requirements. The operator

has the option of overriding this setting.

• Each leg has 36 in. (914 mm) hydraulic height adjustment. The telescoping center leg is hydraulically controlled, allowing up to 30 in. (762 mm) lateral movement.



 Six emergency stop buttons are located at strategic areas around the machine. The E-Stops are located on the remote, operator's console and on corners of the machine or can be positioned at various points on the machine providing optimal use for specific applications.

 Guard rails around the operator's platform provide safety. The GOMACO exclusive operating system.

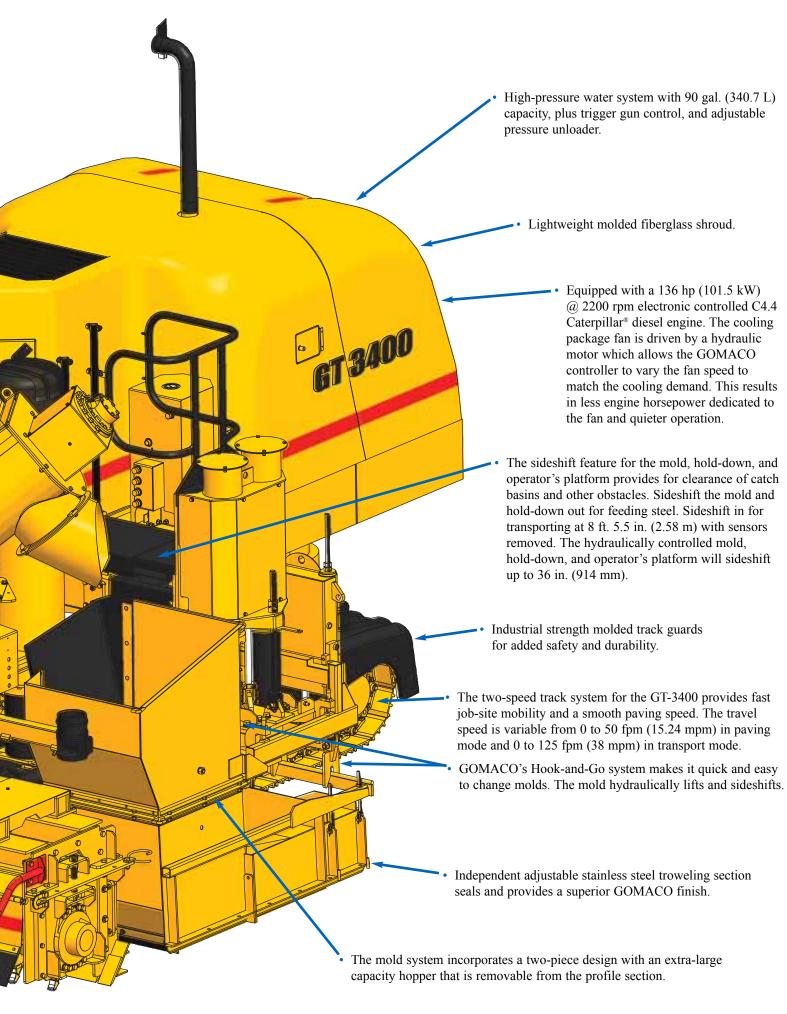
 Operator's platform located on the front of the machine provides easy access and operator visibility.

 Direct-drive auger has a radial piston hydraulic motor which provides ample torque and speed to move the concrete quickly to the hopper.

• The GT-3400 auger system features a 16 in. (406 mm) hydraulic slide adjustment to lower auger for receiving concrete from the ready-mix truck. Allows truck positioning to front or side of machine. The auger slides inside of shipping width for transport.

 The trimmer features a new heavy duty, hydraulic dual mounting system for sideshifting and vertical movement.

• Direct-drive trimmerhead is driven with a radial piston hydraulic motor. The trimmer's closed-loop hydraulic circuit and radial piston motor provide 28,684 inch-pounds (3241 N-m) of torque at the trimmerhead. The trimmerhead has 36 in. (914 mm) hydraulic sideshift and 18 in. (457 mm) hydraulic vertical adjustment.



GT-3400 TRIMMER/SLIPFORM PAVER SPECIFICATIONS

PAVING CONFIGURATION

Right-side or left-side to accommodate your paving needs.

FNGINE

Type: C4.4 Caterpillar® diesel engine (emission controlled).

Power: 136 hp (101.5 kW) @ 2200 rpm.

SERVICE CAPACITIES

Fuel reservoir: 60 gal. (227.1 L), locking cap. **Hydraulic oil reservoir:** 100 gal. (378.5 L).

AUTOMATIC CONTROL SYSTEM

Type: Electronic-over-hydraulic.

Controls: GOMACO's exclusive operating system features multi-language capabilites, 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: Powered by a 9.6 volt NiCad, off-the-shelf, Makita® battery, which makes it easy to replace. The machine ships with two batteries and a DC charger that is in the console for charging second battery. A fully charged battery will last for approximately twelve hours. The remote fits under the console with the GOMACO exclusive operating system for secure storage.

HYDRAULIC SYSTEM

Pumps: One closed-loop axial piston pump; two open-loop axial piston load sensed pumps; one open-loop axial piston pressure comp pump; and one open-loop gear pump.

Hydraulic oil cooling: Oil cooler is combined with the charge air cooler and the radiator in a side-by-side remote mounted package.

Maximum flow through cooler: 65 gpm (246.1 Lpm). Filtration: One in-tank filter, 10 micron absolute synthetic 25 psi by-pass; One pressure filter for servos, 10 micron absolute synthetic non by-pass; Two 100 mesh suction strainer 3 psi by-pass.

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 are standard.

SLIPFORM MOLD

Curb and gutter mold: One mold is provided with the machine. Optional molds available for curb and gutter, barrier, parapet and sidewalk.

HOOK-AND-GO MOLD MOUNT SYSTEM

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

Sideshift: 36 in. (914 mm) hydraulic sideshift standard.

SUBGRADE TRIMMER (Sectionalized)

Direct-drive trimmerhead: The trimmer's closed-loop hydraulic circuit and radial piston motor provide

28,684 inch-pounds (3241 N-m) of torque at the trimmerhead. **Trimmer wheel:** 24 in. (610 mm) diameter trimming wheel.

Trimmer wheel rotation: Upward cut.

Width: 30 in. (762 mm) to 78 in. (1981 mm) sectionalized trimmerhead with hydraulic sideshift capability. Right-side discharge standard.

Sideshift distance: 36 in. (914 mm) hydraulic sideshift

standard.

Hydraulic lift trimmer: 18 in. (457 mm) hydraulic vertical

adjustment.

AUGER

Charging auger: Auger is directly driven with a radial piston hydraulic motor which provides an increase in torque and speed.

Length: 8 ft. 10 in. (2.7 m).

Auger diameter: 14 in. (356 mm) diameter full pitch auger with abrasion-resistant flighting.

Auger speed: Variable up to 110 rpm.

Auger mount: Features a 16 in. (406 mm) hydraulic slide adjustment for receiving concrete from the ready-mix truck and the auger slides inside of shipping width for transport.

WATER SYSTEM

Type: High-pressure water system with two water tanks. One tank is located under the fiberglass shroud at the rear of the machine and the second is under the center of the machine.

Capacity: Total capacity of the two tanks is 90 gal. (340.7 L), plus trigger gun control, and adjustable pressure unloader.

TRACK SYSTEM

Type: Three hydraulically powered, gear-driven crawler tracks

Overall track length: 5 ft. 1.4 in. (1.56 m).

Center-to-center sprocket/idler length: 40 in. (1016 mm).

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

Gearbox reduction: 100:1.

Track speed: Variable from 0 to 50 fpm (15.24 mpm) in paving mode and 0 to 125 fpm (38 mpm) in transport mode.

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.

Power-slide leg for positioning center track:

Hydraulically controlled, allows up to 30 in. (762 mm) lateral track movement.

DIMENSIONS (Shipping)

Overall length: 16 ft. 9 in. (5.11 m). Overall height: 8 ft. 5.8 in. (2.59 m). Overall width: 8 ft. 5.5 in. (2.58 m).

WEIGHT (Approximate)

27,500 lbs. (12,474 kg): Weight will vary depending on size of mold and options.

OPTIONS

Barrier/parapet sidemount attachment. Maximum slipforming height of 50 in. (1270 mm).

Sidewalk slipforming up to 6 ft. (1.83 m) wide.

Hydraulic pressure-compensated sideplates.

Additional vibrators and mounts.

Two additional vibrator circuits and controls.

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 78 in. (1981 mm) maximum.

Auto-transition and slope compensation software.

Curb and gutter molds will be built to customer specifications.

Various mold options are available.

GT-3600 molds with hook-and-go will fit directly to the GT-3400. If you have a GT-3600 split mold you can purchase a hook-and-go hopper top to allow molds to fit the GT-3400. If you have a solid hopper you would need to modify your mold to have a hook-and-go mount.

Monolithic mold.

Driveway depressor for monolithic mold, hydraulically powered, factory installed on new mold only.

Polyurethane track pads (81 pads required).

Radius wheels for use on radius work, saving time on stringline set-up.

3D package for stringless control.

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

molds. This feature allows the GT-3400 to eliminate wasted

material while slipforming through driveways.

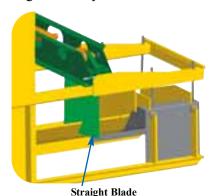
Guillotine-Style and California-Style Curb Depressors Available for Driveways

Another feature on the GT-3400 is the optional hydraulically powered driveway blockouts, available for curb and gutter



Guillotine-style curb depressor

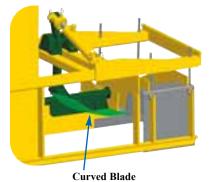
Guillotine-style curb depressor, hydraulically powered, has a straight blade that enters the face of the curb, while slipforming through driveways. Can be changed to other molds if molds are slotted and clamped to accept the driveway cutout.





California-style curb depressor

California-style curb depressor, hydraulically powered, has a curved blade that enters the face, for use on curb and gutter molds while slipforming through driveways.



DESIGNED FOR SAFETY

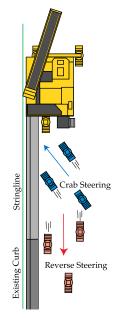
The GT-3400 machine is carefully designed to give years of dependable and safe service. Six emergency stop buttons are located on strategic areas of the machine. The E-Stops are located on the remote, operator's console and on corners of the machine or can be positioned at various points on the machine 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

Advantages of GOMACO's All-Track Steering (ATS)

The GT-3400 is equipped with All-Track

Steering (ATS). ATS allows Selective Steer control with the GOMACO exclusive operating system. A flip of the switch allows automatic stringline control of steering, plus two other choices for maneuvering the machine with the steering dial, Coordinated Steer and Crab Steer. With this feature, setting the machine to line is quick. Simply set your selective steer control to Crab Steer and walk the machine sideways



to get on the stringline. 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 to the side, right up to the stringline. Then place the steering sensors on the line and walk the machine in reverse to the existing curb and gutter. With the GT-3400 in position to come off the header, the operator flips the switch to forward steer and takes off slipforming.

and allows accurate steering around tight radii instead of sliding on grade. With the capability to steer all of the tracks, the skid steer action

the skid steer actions through a radius is eliminated and you're able to

produce a high-quality end product without

ATS has the ability to steer all of the tracks



All-Track Steering with the Coordinated Steer feature.

continual manual adjustment of the machine sensors. The end product is a radius that is an accurate reflection of the stringline.

When the switch is in the Coordinated Steer position, the steering control dial turns the tracks to accomplish maximum job-site mobility. Turning the steering dial right or left from center position turns the lead track in the corresponding direction and the trailing track turns in the opposite direction.

The ability to steer all three tracks of a paver provides accurate steering control when pouring tight radius, barrier and parapet, sidewalk, or wider width paving.

GT-3400 is Easy to Transport and has Quick Job-Site Mobility

The GOMACO GT-3400 is quick and easy to transport with an overall shipping width of 8 ft. 5.5 in. (2.58 m), length of 16 ft. 9 in. (5.11 m), and height of 8 ft. 5.8 in. (2.59 m). Job-site mobility and quick loading is accomplished with the track speed in the transport mode of 125 fpm (38 mpm).



Wide Variety of New Stringline, Clamps, Rods and Sensor Line Accessories Available

GOMACO has a wide variety of new stringline, clamps, rods, and sensor line accessories.

GOMACO sensor line is designed specifically for electronically controlled equipment. Sensor line and sensors provide the grade and steering information linked to the GOMACO operating system, located on the operator panel. The GOMACO

Cover Photo: CG-110623-D22

electronic-over-hydraulic sensor system provides intelligent control of grade and steering for paving accuracy, and ease of operation.

Stringline stakes are made of high carbon steel, designed for a long life. Stakes are available in various lengths, ranging from 18 in. (457 mm) to 60 in. (152 mm). The stringline stakes range in diameter from

.75 in. (19 mm) to .875 in. (22 mm).

One-piece and quick-set spring-action zinc-plated clamps are available.

The stringline zinc-plated, slotted rods are 18 in. (457 mm) in length and will accommodate a .125 in. (3 mm) diameter stringline.

GOMACO has many other sensor line accessories to choose from.



The Worldwide Leader in Concrete Paving Technology

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; AND PATENTS PENDING.

GOMACO Corporation reserves the right to make improvements in design, material, and/or changes in specifications at any time without notice and without incurring any obligation related to such changes. Performance data is based on averages and may vary from machine to machine.

Printed in U.S.A. © 2012 (2 WEB) GOMACO Corporation Order #0400-0A10107

Worldwide Headquarters

GOMACO Corporation PO Box 151 Ida Grove, IA USA 51445 Ph: 712-364-3347 www.gomaco.com E-mail: info@gomaco.com European Headquarters
GOMACO International Ltd. is
located in Witney, England.

Sales offices are located in Singapore, Bolivia, Australia, China and India. GOMACO has a worldwide distributor network for sales and service.