

STURDY ■ LIGHTWEIGHT ■ VERSATILE ■ FINISHES TO STRICTEST TOLERANCES

# Gomaco C-450 Concrete Finisher

FOR BRIDGE DECKS, AND ALL PAVING APPLICATIONS



U.S. Patent No. 3450011



IDA GROVE, IOWA



## C-450 FOR BRIDGE DECKS



Bridge deck finishing is simplified with this hydraulically self-propelled Gomaco C-450. 180 degree turntable allows maximum skewing of framework while cylinder remains parallel to

center of roadway. Cylinder can be rotated either right or left. Extends up to 84 feet wide. (Consult factory for longer widths.) Basic 36-foot unit will finish slab 33 feet wide.

## C-450 FOR ROAD AND STREET PAVING



On road or street paving, the C-450 finishes up to 2,500 square feet per hour to strictest tolerances with 2-inch slump concrete or less. Ad-

justs quickly to any profile. Ideal for highway ramp paving, building floors, parking lots, airport runways and aprons.





### **SAVES LABOR**

The Gomaco C-450 is able to achieve quantity and quality while holding labor costs to a minimum. One finisher and several laborers can pour and finish up to 2,500 square feet per hour. Typical contractor comments include: "Gomaco Finisher saved us the labor of three men, besides doing a better job." "Labor saved on the first project paid for my machine." "The best of all the finishing machines we have used or even seen in operation."

### **INEXPENSIVE**

You'd be surprised at the low cost of the Gomaco C-450. It's sturdily built, with pin connected sections. Assembly line construction assures quality and precision fit of components at low cost. Compare quality and cost with any other finishing machine.

### **ACCURATE AND VERSATILE**

Three-point patented finishing method assures  $\frac{1}{8}$ " in 12' tolerances, even on super-elevated bridges and ramps. Adjusting screws at 16-inch increments allow fast, accurate adjustments to any profile. Adjusts to any width in 4-foot increments by pin connected sections. Hydraulically powered

transition adjuster (optional) available on all machines. Machine even widens or narrows finishing widths on the go.

### **LIGHTWEIGHT**

A 48-foot C-450 weighs less than 4,500 pounds. Think of the savings in false work on bridges. When knocked down, no piece is longer than 12 feet. Two men can quickly assemble the complete machine on the forms ready to work.

### **EASY TO OPERATE**

Simple hydraulic controls are easy to master. Setup, grade adjustments and servicing are fast and simple. Easiest cleanup in the industry—requires only 5 minutes.

### **CONSTRUCTION**

All welded steel construction manufactured by Gomaco with exception of hydraulic components and engines, which are of the highest quality and nationally distributed. Every machine is factory tested under operating conditions.

### **EASILY TRANSPORTABLE**

Machine easily transports to job as complete unit or in easily assembled sections.



# PERFORMANCE, VERSATILITY & ECONOMY



Set Stop may be positioned anywhere on carriage rail so that carriage travels back and forth across desired widths of slab and cycles automatically between Set Stops.



Hydraulic Carriage—Positive chain drive powered by 8 horsepower gasoline engine assures smooth, fluid operation. (Electric start optional.)

Corners of machine can easily be raised or lowered to desired grade by adjusting simple hand jack. Standard machine allows finishing grade  $24\frac{1}{2}$ " below ( $48\frac{1}{2}$ " with available attachment) to 12" above running rails. Also shown is Gomaco self-widening attachment.



Each individual connection joint between machine side panels can be easily crowned by adjusting bolt, if more than six inches of crown is needed.



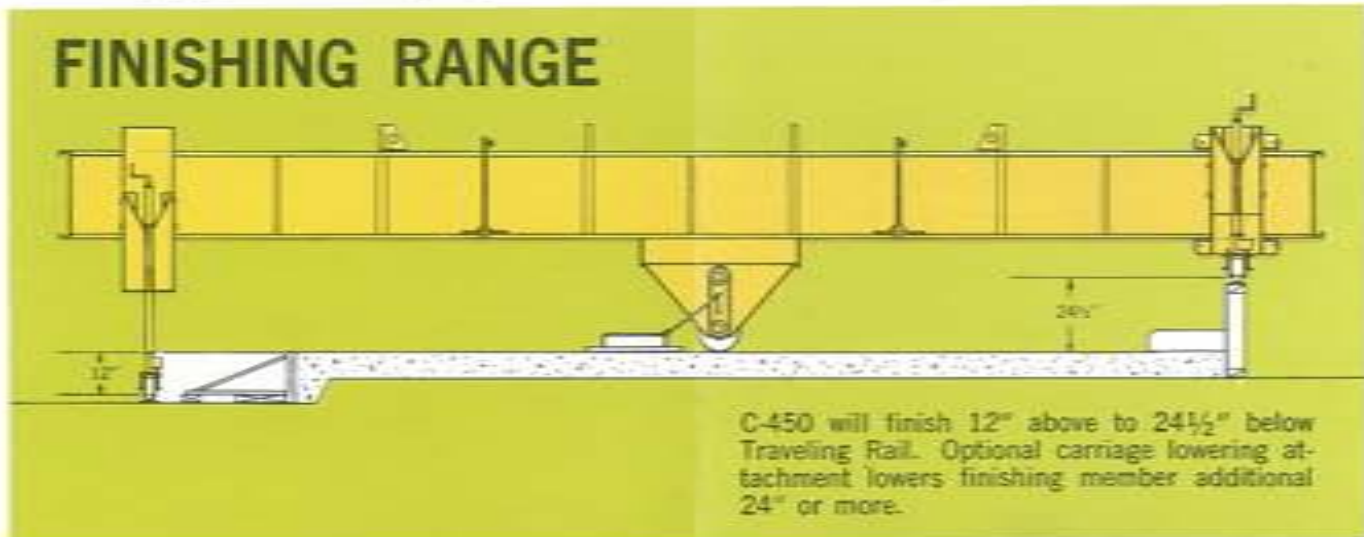
Operator's Hydraulic Console—Simple controls including Variable Travel, which gives machine valuable flexibility. (Electric start optional.)



Powered Transition Adjustor—This hydraulically operated attachment allows you to negotiate any grade transition smoothly and accurately from the operator's console. (Optional)



Finishing carriage track is quickly adjusted to any desired slab profile, parabolic, inverted or flat, by adjusting screws on 16-inch centers.



C-450 will finish 12" above to  $24\frac{1}{2}$ " below Traveling Rail. Optional carriage lowering attachment lowers finishing member additional 24" or more.



All sections are easily connected by simple pin system. Basic lengths of machines—36 feet for the C-450, can be increased to 84 feet. (For longer lengths consult factory). Any section, 4, 8, or 12 foot, can be connected or disassembled in minutes. Two foot, or any special length, available on request.



Maximum finishing width is attained inside of buildings, trusses or any other restricted area.



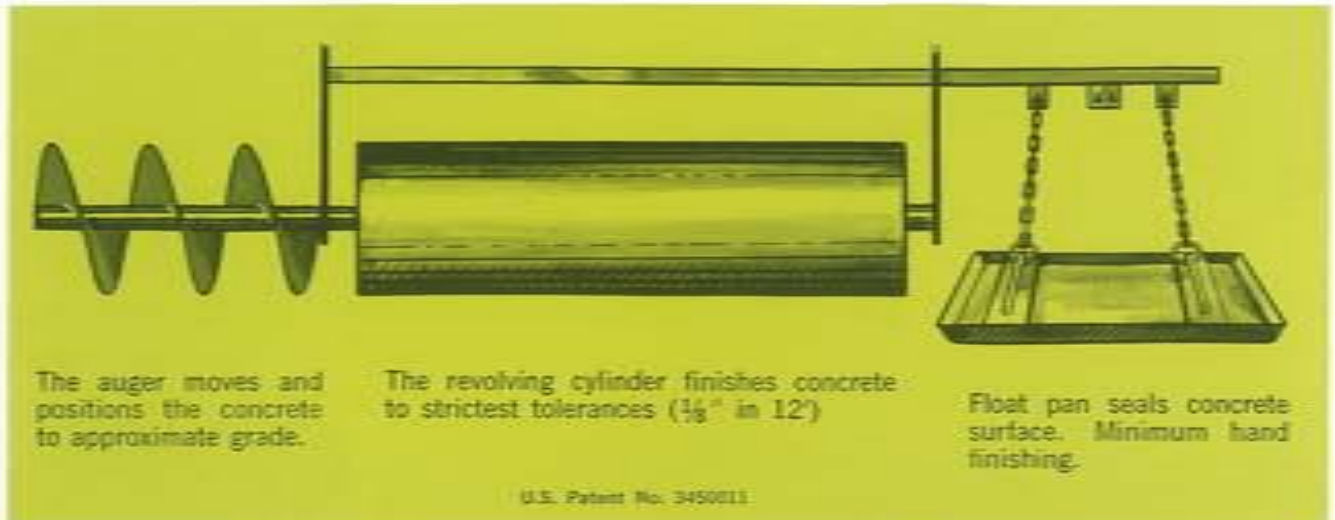
# SPECIFICATIONS

Construction	All welded steel frame offers a rigid machine with a minimum amount of weight.
Power	Self propelled unit, powered by two 8-hp gasoline engines, driving hydraulic pumps. Electric starts optional.
Traction Drive	Six-inch diameter, 3 1/4-inch wide hydraulically driven flanged wheels. Cupped wheels to run on 2-inch pipe or neoprene wheels available.
Traction Speed	Variable from 0 to 45 FPM. Each end has independent variable hydraulic drive.
Weight	Basic 24 foot unit, 3,180 lbs. 12 ft. extension 570 lbs. 8 ft. extension 385 lbs. 4 ft. extension 210 lbs.
Length	From 24 to 84 ft. Finishes within 18 inches of each end.
Stabilizing Truss	Furnished on all machines over 60 feet. For 60-foot finisher add 416 lbs.; 72-foot finisher add 588 lbs.; 84-foot finisher add 760 lbs.
Transition Adjustment	Transition adjustment bolts are available at each pin connected point.
Finishing Cylinder	8-inch diameter 48 inches long (Standard). 12-inch diameter, 48 inches long (optional).
Auger	Hard faced steel. 8-inch diameter 18 inches long (Standard). 12-inch diameter 18 inches long (optional).

## OPTIONAL EQUIPMENT

Powered Transition Adjustor	Hydraulically adjusts crown on the go from operator's station. One or more adjustors may be installed at any pin connected point.
Vibrator	120 volt, three phase, 180 cycle 9 AMP motor in head.
Vibrator Power Supply	120 volt, three phase, 180 cycle, 2.5 KW generator.
Transportability	Available with transport axle and towing tongue to transport machine as a complete unit.

## Gomaco's patented 3-point finishing system SAVES TIME, LABOR AND MONEY



## COMPLETELY HYDRAULIC FOR SMOOTH, POSITIVE, TROUBLE FREE OPERATION



This 84-foot Gomaco C-450 is set on a 35 degree skew for bridge deck finishing. Extensions available in pin connected sections in 4, 8 and 12-foot lengths. Stabilizing truss

furnished on all machines 60 feet and over. Cylinder lowering attachment in above photo is available as an option.



## C-450 PAVES AROUND CURVES



Hydraulically self-propelled, the C-450 negotiates curves and grades in stride.

## EASILY TRANSPORTABLE TO ANY SITE



Within minutes transport axles and towing tongue (optional) can be attached and finisher is ready to move to the next job as a complete unit.

## Other Gomaco Labor Saving Equipment

- SL-450 Slope Paver
- C-550 Slip Form Paver
- RC Concrete Conveyor
- Spanit Work Bridges
- Grade Trimmers
- GT-6000 Grade Trimmer/  
Curb & Gutter Slipformer



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