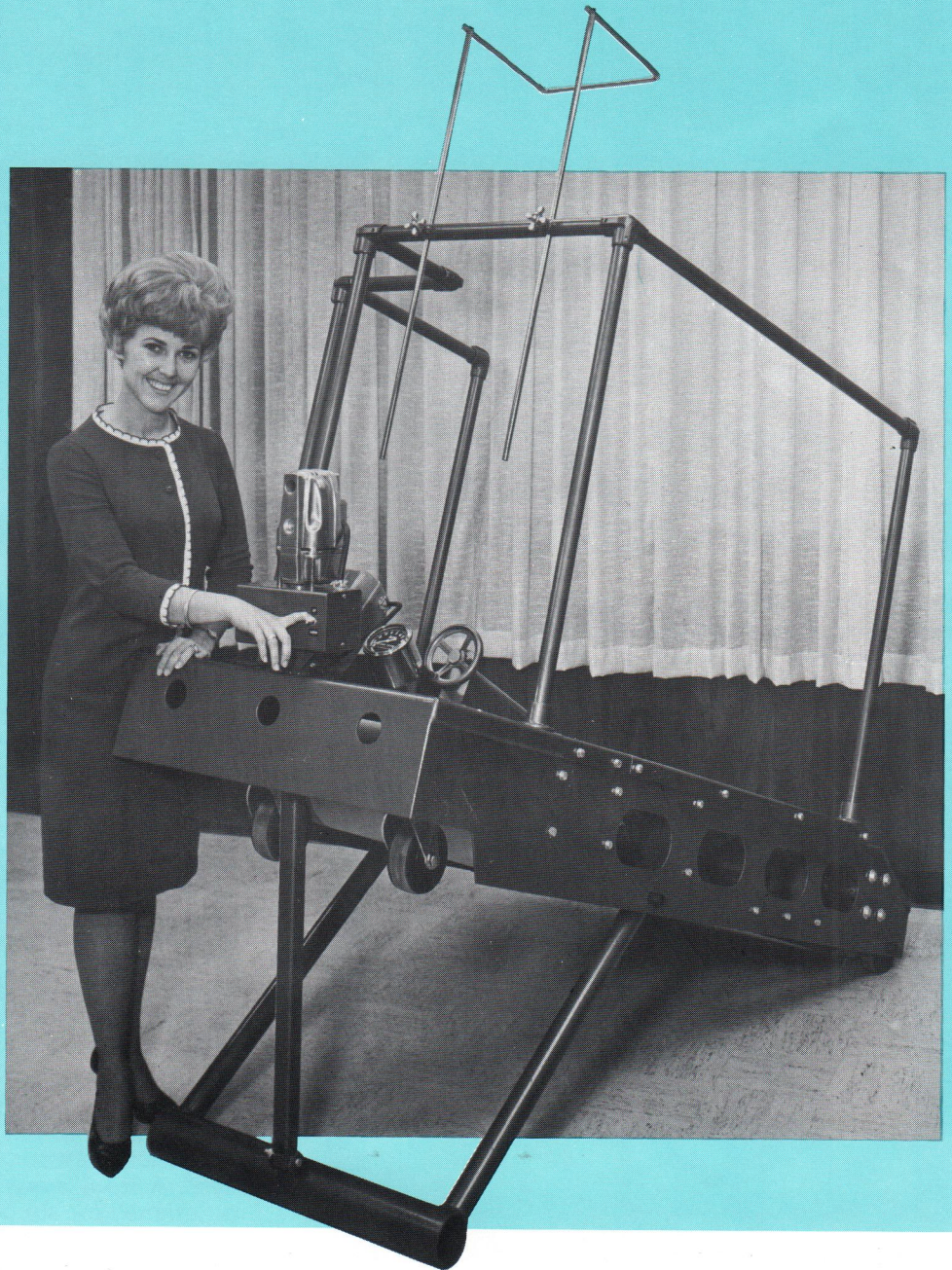


COLLINS

MOBILE

TREADMILLS



WARREN E. COLLINS, INC.

220 WOOD ROAD, BRAINTREE, MASSACHUSETTS 02184

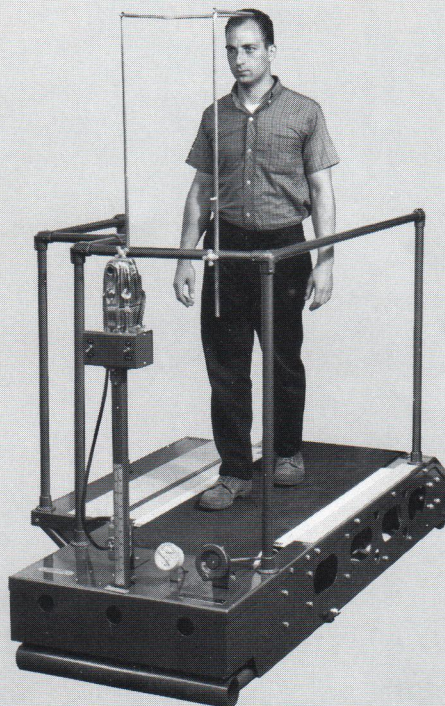
COLLINS MOBILE TREADMILLS

**NEW INCREASED
SPEED AND
ELEVATION**

**1-10 MPH
40% ELEVATION
STANDARD
MODEL**

**CAT. NO.
P-2000 - P-2000E**

It is increasingly recognized that examination of cardiorespiratory function in disease may reveal the pathophysiology only during periods of stress. Apparatus used for inducing muscular exercise range from the simplest single step, or walking in the corridor, to the most elaborate ergometers and circular staircases. Treadmills have innumerable advantages: (1) The patient performs an exercise most familiar to him, and



Specifications and performance characteristics: The entire instrument weighs only 600 pounds, and is easily moved on heavy 5" rubber ball bearing casters. A front bar can be lowered, fixing the instrument to the floor. The endless nylon belt slides over a low friction stainless steel sheet. Dance wax or other lubricants are not necessary and should not be used. Proper belt tension and centering are

easily accomplished by adjusting screws.

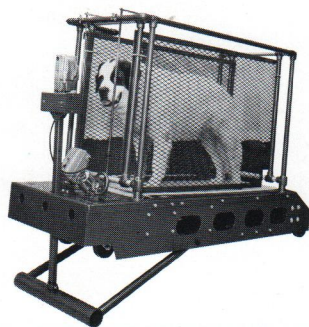
All controls are at the front. The speed adjustment is placed in front of the speedometer, graduated in miles per hour. Also in front is a direct acting screw lift with handle, or available optionally with the "Electro-lift"* conveniently located at waist level. An inclinometer is incorporated for reading of the degrees and percent elevation.

Electrical current specifications: 230 volt or 208-220 volt, 60 cycle, 3 phase; and 230 volt, 60 cycle, 1 phase.**Speeds from one to ten miles per hour; inclination from level to 40%. The treadmill functions with a 200 pound individual walking at ten miles per hour on a 40% incline (extremely severe exercise). The walking surface is 28" wide with an 18" belt; the entire top surface is 78" long with the useful walking surface of 45".

The Treadmill is completely equipped with all regulators and switches. The approach platform and short hand rail can be mounted on either side of the unit. Two sturdy side rails support the patient. A front assembly is adjustable vertically and is designed for support of all manner of equipment, particularly breathing valves, gas analyzers collection bags, support of electrocardiographic wires, etc.

* An Electro-Lift is available for those who desire this modern convenience. It can be installed as an extra on the 1-10 MPH unit and is standard equipment on the 2-16 MPH unit. It is High Speed, Direct Acting, Easily Reversible, Simple and Fool-Proof. If damaged, it can be replaced quickly.

**On special order: 115 volt, 60 cycle, single phase.



FOR CANINE RESEARCH

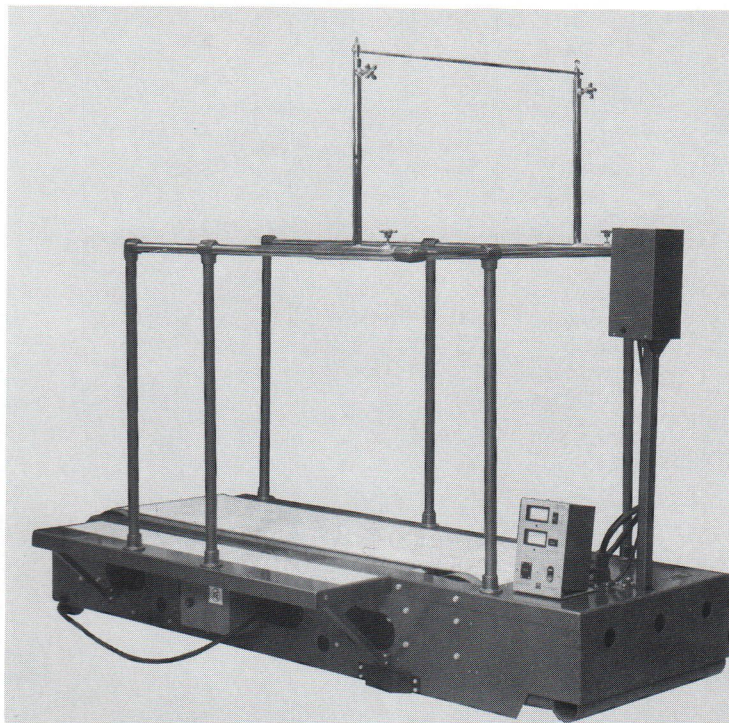
The 1 to 10 mph model is ideally suited for those who wish to study the effects of exercise on dogs and other animals. Similar to P-2000-E but with removable restraining screens.

(Cat. No. P-2075-HA)

special training is not needed. (2) The severity of exercise is easily modified by changing speed or incline and is exactly reproducible from time to time. (3) The patient remains stationary so that a variety of analytical, gas collection, and spirometric devices may be used, and continuous arterial and gas sampling is feasible. The approach platform and short hand rail can be removed to allow for transporting

the Treadmill through narrow doorways, passageways, etc. This company made some of the earliest human treadmills for Benedict at the Carnegie Nutrition Laboratory, the Harvard Fatigue Laboratory and others as early as 1922.

When ordering a Treadmill, it is very important that we be given the voltage supplied at the installation point for this unit.



***2-16 MPH
HIGH SPEED
MODEL**

CAT. NO. P-3800

This model is ideal for studying the normal individual under extreme stress or the cardiac and pulmonary patient under mild or moderate exercise.

The main difference between this model and the one to ten miles per hour model is the heavy duty construction which is necessary when operating this unit at sixteen miles per hour with an inclination of 40%. At top speed the subject is running at the rate of one mile in three and three quarter minutes. The unit is equipped with a magnetic starter and two remote push buttons for starting and stopping. One stop button is located on the mouthpiece support within reach of the patient.

The mouthpiece support can be adjusted vertically and horizontally. The endless belt slides over a low friction stainless steel sheet. Dance wax or other lubricants are not necessary and should not be used.

Five inch ball bearing casters allow convenient moving of the unit, and a sturdy cross bar secures it to the floor and prevents movement when in use.

Approach platform can be on either side of unit. The Electro-lift for elevating the walking platform is standard equipment. The Dyna-Sonic Drive and Frictionless Torq-Belt Transmission give smooth, fast, whisper-quiet operation over entire speed range.

Dimensions: 90 $\frac{5}{16}$ " long, 28 $\frac{1}{2}$ " wide, and 14 $\frac{1}{4}$ " to height of mounting platform. Hand rails bring the total height to 51 $\frac{1}{2}$ ".

Electrical current specifications: 220 volt, 60 cycle, 3 phase.

*Optional speeds available.



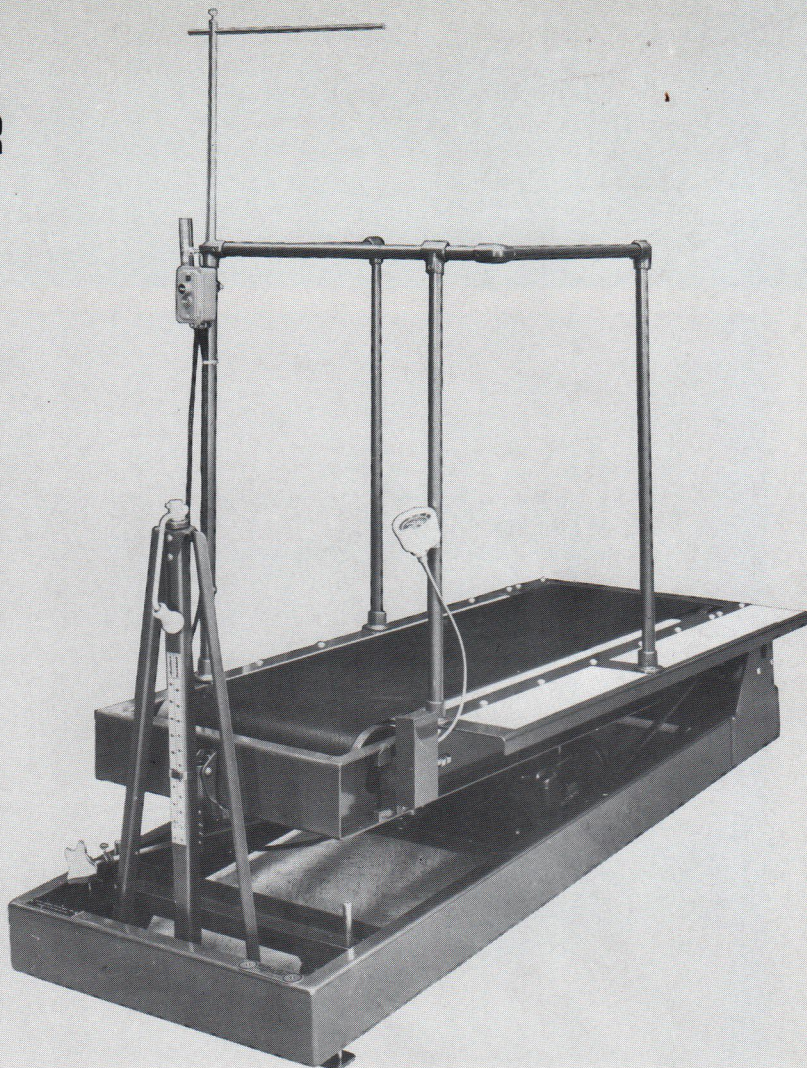
FOR CANINE RESEARCH

The 2 to 16 mph model is valuable in high speed exercise studies for canines and other animals. Similar to P-3800 but with removable restraining screens. (Cat. No. P-3875-HA)

SPACE SAVER

**1/2 - 4 1/2 MPH
COMPACT
MODEL**

CAT. NO. P-3900



The Collins Compact Treadmill was designed for those clinicians who desire a small, lightweight machine capable of giving uniform results over short periods of exercise.

The Compact Treadmill incorporates many features of the two larger Collins models, but requires less floor space, is easily transported from place to place on its 4" ball bearing casters and offers a real savings in dollars and cents.

The machine operates from 1/2 to 4 1/2 miles per hour and up to an incline of 40%. The endless belt slides over a low friction stainless steel sheet. Dance wax or other lubricants are not necessary and should not be used. A manual lift is provided as well as a recording speedometer and protective hand rail, all as standard equipment. An adjustable mouthpiece holder is securely attached to the guard rail station. For those interested in transporting the unit to field testing, it is ideal. Just remove the hand rail and the treadmill will roll into any station wagon.

Length, 63 inches; width, 30 inches; height, 45 inches; belt width, 16 inches; motor, 1 1/2 HP; weight, under 400 pounds. The Treadmill is shipped ready to use on 230 volts, single phase,* as standard equipment.

*On special order: 230 volt, 60 cycle, 3 phase.
115 volt, 60 cycle, 1 phase.



**RODENT TREADMILL
(Cat. No. P-3750-A)**

- Variable speed 0-3.5 KPH
- Adjustable elevation
- Variable electric probe activator
- Smooth, easily cleaned belt
- Metric distance recorder
- Removable catch tray