

# HILD

## FLOOR ENGINEERING SERVICE

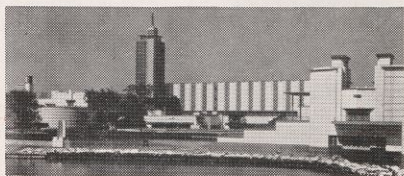


HILD FLOOR MACHINE CO., CHICAGO



## HILD Serves "A Century of Progress"

**H**ILD Floor Machines were used exclusively for maintenance of Fair Buildings in Chicago, 1933. Many exhibitors not only used Hild Machines but Hild Floor Treatments during the entire Fair. A partial list follows: General Motors Building; Chrysler Motors Building; Johns Manville Building; Masonite House; Petroleum Heat & Power Co.; Alemite Corporation; Copper & Brass Research Ass'n.; Texas Company; Link Belt Co.; Petrolagar Laboratories; Dentists Supply Co. of N. Y.; Household Finance Corporation; Dr. Scholl's Foot Comfort Shop; Infant Incubator Building; Borg Warner Corporation; Burroughs Adding Machine Co.; Rostone House; Baker & Co.; Maternity Center Ass'n.; etc.



TOP PICTURE—Hall of Science wherein the Hild exhibit is located.

BELOW—View of Hild 1933 Exhibit in Hall of Science. Hild products will again be on exhibit and demonstrated by experienced floor maintenance engineers in 1934 at "A Century of Progress."

# HILD

FLOOR MAINTENANCE  
MACHINES  
MATERIALS  
& SUPPLIES

HILD FLOOR MACHINE CO.  
108 W. Lake St. -:- Chicago, Ill.  
Representatives in All Principal Cities





**If it's a  
question about  
floors, ask the Hild  
Floor Engineer  
No Cost or  
Obligation!**

**SOLVE YOUR**

**FLOOR PROBLEMS WITH**

**HILD**  
Engineering  
Service

**Call in**

**THE HILD  
FLOOR ENGINEER!**

**Y**OUR floors represent an investment of many thousands of dollars. Why take chances with them? When floors were practically all made of wood, maintenance was a comparatively simple matter. But now, with literally scores of different types of expensive floorings, it is important not only to know *what* materials to use, but *how*, *when* and *where* to use them properly.

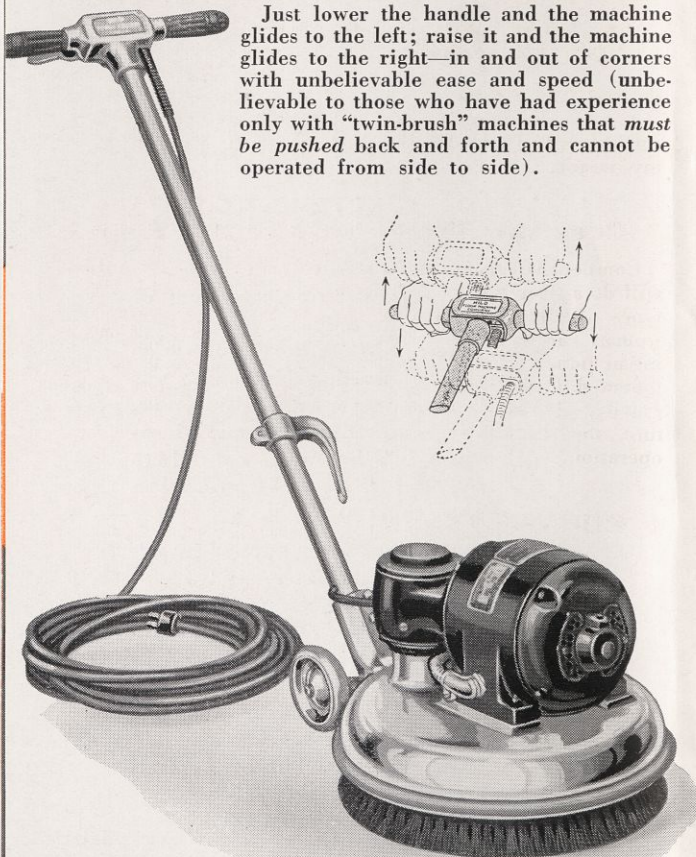
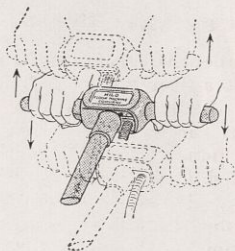
The best materials inexpertly applied invariably results in needless waste and inefficiency. The best materials used on the wrong floor can quickly wreak untold damage. Why take needless chances? Call in the Hild Floor Engineer. He is a specialist in the scientific treatment and maintenance of floors. His methods have been adopted by many of our largest institutions because they offer the utmost in safe floor maintenance, economy and efficiency. His services are at your command.



## ● HILD *Electrically Operated* FLOOR MACHINES

**H**ERE is a floor machine a ten-year-old child can operate! The Hild is "self-propelling"—it sweeps over the floor in *any direction*. It practically runs itself with only the effortless guidance of the operator.

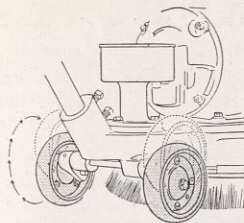
Just lower the handle and the machine glides to the left; raise it and the machine glides to the right—in and out of corners with unbelievable ease and speed (unbelievable to those who have had experience only with "twin-brush" machines that *must be pushed* back and forth and cannot be operated from side to side).



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## ● 100% Efficient Because Entire Weight Is on the Brush!



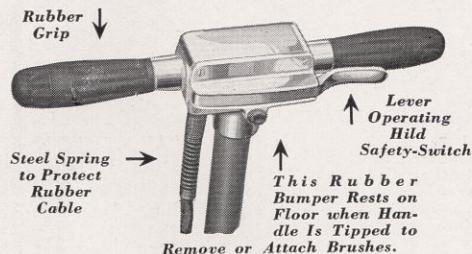
It takes weight (pressure) to do an efficient scrubbing or polishing job. For maximum efficiency, therefore, the small wheels on the Hild Electrically Operated Floor Machine may be raised so that the entire weight of the machine is on the brush. However, when

desired, the machine may be operated with the wheels on the floor. By lowering the wheels still further, the Hild can be pulled about from room to room as easily as a toy wagon.

## ● Does the Work in 1/3 the Time!

Competitive demonstrations have proved that the Hild will do a floor job in one-third the time required by other types of machines. With this speedy machine a man or woman can easily re-polish 5,000 sq. ft. of waxed floor in an hour! The Hild is well balanced. The motor is mounted *horizontally*, resulting in a very low center of gravity. (Compare with "underslung" cars.) This feature, too, contributes materially to the Hild's ease of operation.

## ● Hild Safety Switch



Typical of Hild engineering genius is this new safety switch. The machine is automatically turned off when hand is removed from switch.

**FLOOR PROBLEMS WITH**

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## 4 Popular Floor Machines

Four popular single brush models. Each gives the same efficiency per sq. in. of brush area. The smaller models are naturally less expensive. The bigger models, however,

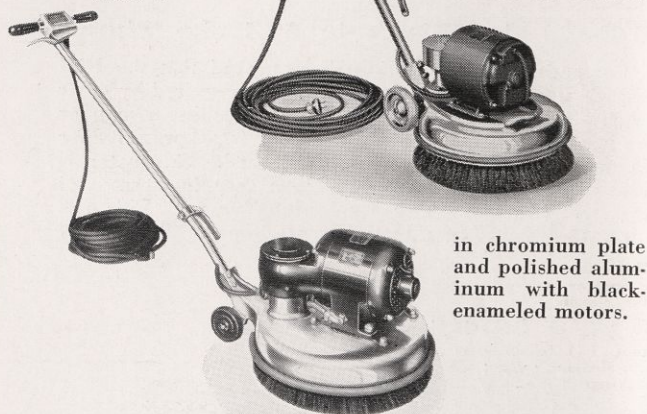
Model A

have the advantage of saving time. Recommended where large floor areas must be covered rapidly. Models "C" and "D" are equipped with special noise - eliminating gear-reduction motors. New curved handle on Model "D"

has greatly increased ease of operation. All machines are finished

All machines 100% efficient because entire weight is on the brush.

Model D



in chromium plate and polished aluminum with black-enameled motors.

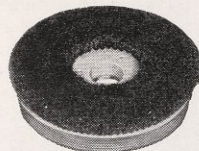
## Specifications Hild Floor Machines

Model	Junior	"A"	"C"	"D"
Diameter flared brush without weight applied	11"	13½"	15"	18½"
Diameter of brush block	9½"	12"	13¾"	17¼"
Motor	¼h.p.	½h.p.	½x½h.p.	¾x1h.p.
Revolutions per minute of brush	180	180	180	180
Length of cable	40 ft.	40 ft.	40 ft.	50 ft.
*Size of cable	No. 18	No. 16	No. 14	No. 12
Weight (pressure on brush in operation)	45 lbs.	65 lbs.	82 lbs.	140 lbs.
Weight boxed	70 lbs.	95 lbs.	120 lbs.	182 lbs.

All machines readily connected to lamp socket or baseboard plug.

\* Approved by Fire Underwriters.

## 7 Services From 1 Machine



1—BASSINE SCRUB BRUSH  
For Scrubbing

Used for scrubbing any and all kinds of floors spotlessly clean. Will not splash or spatter a single drop of water. Also used in connection with steel wool for dry cleaning and burnishing waxed surfaces.



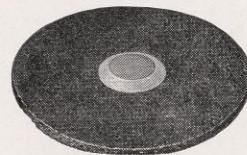
5—SANDING DISC

Serves 2 purposes: Used to sandpaper wood or cork tile to a smooth surface. A 3-inch dia. flat countersunk plate, holds sandpaper firmly to the felt padded aluminum disc. By substituting 18", 20" or 22" circular felt disc can also be used for polishing waxed floors.



2—STEEL WIRE BRUSH

Three Uses: (1) For scrubbing cement or concrete floors. (2) For cleaning very dirty floors. Used with Steel Wool Nos. 0, 1, 2 or 3. Will not scratch floor. (3) To scrub off varnish or shellac. Use with steel shavings.



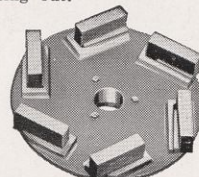
6—POLISHING BUFFER

Felt polishing buffer (18", 20" and 22" in diameter) — for repolishing treated floors. Removes streaks, goes under radiators and will polish waxed cove baseboards. Used by placing under any brush. Patented wood disc prevents buffer from sliding out.



3, 4—POLISHING BRUSH  
For Polishing or Waxing

Used for polishing wax to a lustrous hard finish that will not show footprints or heel marks. Also used to apply paste wax.



7—GRINDING DISC

Used for resurfacing scratched or pitted marble and terrazzo floors. Also used for holystoning decks of ships. For heavy cutting three of the six stones can be removed.

All Attachments Go Up to Baseboard.

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## ● HILD Water Tanks

To scrub large areas of floors spotlessly clean in the shortest time, the use of the Hild Water Tank to hold soap and water is a desirable convenience and its purchase recommended.

**VERTICAL WATER TANK**  
Capacity for All Models:

3½ gallons.

A Heating Unit to keep solution in tank hot and Gauge Glass to show water level supplied at additional cost.



Two types of water tanks are illustrated, Horizontal and Vertical types. Either one can be attached to the Hild Floor Machine in 3 minutes' time.

A large screened opening at top of tank permits rapid filling from hose or pail. The flow of water from tank to

floor is controlled by a finger touch on ¼-in. rod which connects to a self-closing brass Lunkenheimer valve at bottom of tank.



**HORIZONTAL WATER TANK**  
Capacity for Model D, 6 Gallons  
Capacity for Model C, 4 Gallons  
Capacity for Model A, 2 Gallons  
Capacity for JUNIOR, 2 Gallons

**HILD BRUSHES WELL PACKED**

A 175-lb. man can't flatten out a Hild Tampico Polishing Brush. They're well packed. All brushes have 7 ply wood backs. Will not warp. Can be refilled.

# PRICE LIST

## HILD GUARANTEED FLOOR MACHINES TREATMENTS & SUPPLIES

**HILD FLOOR MACHINE CO.**  
CHICAGO, ILLINOIS  
108 W. Lake Street  
Representatives in All Principal Cities



## ● PRICE LIST—FLOOR

### ● Hild Floor Machine

	'Junior' (11 In. Brush)	Model 'A' (13½ In. Brush)	Model 'C' (15 In. Brush)	Model 'D' (18 In. Brush)
Complete with Polishing or Scrub Brush .....	\$115.00	\$150.00	\$185.00	\$245.00
HILD Floor and Carpet Scrubbing Machine .....	160.00	195.00	235.00	.....

### ● Attachments

Scrubbing Brush (Bassine) .....	3.50	4.50	5.30	7.00
Scrubbing or Waxing Brush (Palmetto) .....	3.75	4.75	5.60	7.25
Polishing or Waxing Brush (Tampico) .....	3.60	4.60	5.40	7.00
Carpet Scrubbing Brush:				
(Wood back) .....	3.75	4.75	5.60	7.25
(Aluminum back) .....	8.00	9.50	11.00	.....
Felt Polishing Buffer .....	(18")	(18")	(20")	(22")
(Wood block attached) .....	2.50	2.50	3.00	3.75
(Without block) .....	2.00	2.00	2.50	3.00
Steel Wire Brush .....	5.00	6.00	7.00	8.50
Sandpapering Disc .....	5.00	6.00	7.00	9.00
	(4 stones)	(5 stones)	(6 stones)	(6 stones)
Grinding Disc .....	6.00	7.00	8.00	9.00
	(2 gal.)	(2 gal.)	(4½ gal.)	(6 gal.)
Horizontal Water Tank .....	15.00	15.00	18.00	22.00
Vertical Water Tank .....				
(3½ gal. Cap. Plain) .....	15.00	15.00	15.00	15.00
(With Heat Unit, etc.) .....	30.00	30.00	30.00	30.00
Complete unit for carpet scrubbing, including alumi- num backed brush .....	50.00	55.00	60.00	.....

### ● Supplies for Machines

Sandpaper discs, per sheet—				
Fine .....	.18	.22	.30	.40
Medium .....	.20	.25	.35	.45
Coarse .....	.25	.30	.45	.55
Carborundum Stones, each..	(1x2x4")	(1x2x4")	(1x2x4")	(2x2x4")
	.50	.50	.50	.75
	(40 feet, No. 18)	(40 feet, No. 16)	(40 feet, No. 14)	(50 feet, No. 12)
Extra Rubber covered cable with connection at both ends .....	4.50	5.50	6.00	8.50

## MACHINES and SUPPLIES

### ● Miscellaneous Supplies, Mops, Etc.

Hild 12½" Lamb's Wool Applicator, for applying liquid wax and seals (or substitute treatments) ...	Each	\$1.60
Extra Lamb's Wool Pads .....	Each	.75
Hild Short-String Cotton Shuttle Mop, for applying No. 3 Treatment .....	Each	1.80
Extra Cotton Mop Head .....	Each	1.10
Sweeping Mops 18", \$2.80; 27", \$4.20; 36", \$5.50; 45", \$6.90		
18" Rubber Squeegee .....	Each	2.50
20" Floor Pan .....	Each	3.50
Long Handle Scrub Brush for hand method of clean- ing carpets with Hild NUWAY Rug Shampoo .....		1.60

### ● Hild Quick Cutting 7" Drum Type Sander ----- \$160.00

Sandpaper. Per dozen Sheets:—  
Coarse, \$3.00; Medium, \$2.70; Fine, \$2.40.

### ● Hild Twin Disc Floor Machine

Complete with one set of attachments and 35 ft. cord .....	75.00
Equipped with solution tank (1 gal. cap.) and spe- cial carpet washing brushes (without heating unit) .....	105.00

### ● Extra Attachments

Tampico Brushes (for waxing and polishing). Per set (2) complete with attachment sockets .....	\$2.50
Palmetto Brushes (for regular Scrubbing). Per set (2) complete with attachment sockets .....	2.50
Steel Wire Brushes (for scrubbing cement or rough wood floors—also used with steel wool in refinishing wood floors). Per set (2) complete with attachment sockets .....	3.20
Carpet Scrubbing Brushes (Aluminum back). Per set (2) .....	6.00
Combination sanding and polishing discs (furnished with sheep wool pads for final buffing of waxed floors —also used with sandpaper for light sanding). Per set (2) complete with attachment sockets .....	4.00
Extra Sheep Wool Polishing Pads (for use with com- bination discs). Per set (2) .....	1.00

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## ● Price List Floor Treatments

### Hild Prepared Paste Wax—

	Yellow Paste	Non-Color	Pigment Colored
8 lb. can, per lb.	\$0.48	\$0.58	\$0.63
6—8 lb. cans, per lb.	.45	.55	.60
16—8 lb. cans, per lb.	.40	.50	.55
30 lb. pail, per lb.	.45	.55	.60

Powdered Detergent—75 lb. keg, \$8.25; 250 lb. bbl., \$26.25.

Flake Crystals—25 lbs. @ \$0.15 per lb.; 50 lbs. @ \$0.13 per lb.; 100-125 lbs. @ \$0.11 per lb.; 325 lbs. @ \$0.09 per lb.

Snowflake Crystals—85 lb. keg, \$7.75; 280 lb. bbl., \$23.20.

	LIST PRICES PER GALLON					
	Drums Included Free					
	Quart	Gal.	5 gal. can	10 gal. can	15 gal. drum	30 gal. drum
Hild No. 1 Special Floor Treatment	\$1.00	\$3.00	\$2.75	\$2.60	\$2.50	\$2.40
Lt. & Dk. Oak 50c gal. extra						
Hild No. 2 Special Floor Treatment	1.00	3.00	2.75	2.60	2.50	2.40
Hild No. 3 Special Floor Treatment	1.00	2.40	2.20	2.10	2.00	1.90
Hild Paint and Varnish Remover	1.70	1.40				
Hild "Shine-Brite" (24% Anhydrous Soap Content)	2.00	1.80	1.65	1.50	1.35	1.20
Hild Liquid Detergent	1.60	1.40	1.25	1.10	.95	.80
Hild Floor Bleach, Gallon Bottle	2.75					
In lots of 6, each	2.50					
Hild Wood Seal	3.25	2.95	2.85	2.75	2.60	2.40
Lt. & Dk. Oak 60c gal. extra						
Hild Terrazzo Seal	5.15	4.85		4.40	4.20	4.00
Hild "No-Burn" Gymnasium Seal	4.25	3.95		3.75	3.60	3.45
Hild Concrete Seal	3.25	2.95	2.85	2.75	2.60	2.40
Hild Bowling Alley Polish	1.80	1.50	1.40	1.30	1.20	1.10
Hild Nu-Way Cleaner	2.25	1.90	1.75	1.60	1.45	1.30

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## ● HILD 11" Twin-Disc All-Purpose Floor Machine

A new low-price, all-purpose, electrically-operated twin-disc Hild Floor Machine designed for waxing, polishing, scrubbing, steel-wooling, etc., small floor areas in large buildings. Ideal for kitchens, bathrooms, basements, porches, garages and other floor jobs in the home.

Has two 5" diameter brushes providing an overall floor span from side to side including flare of 11". Brushes revolve toward center keeping soap water where you want it without splashing. Works right up to quarter round. Entire weight of 23 lbs. rests upon the brushes when in operation. Weight boxed, 30 lbs. Speed of brushes, 250 R.P.M.

Extremely easy to operate. Noiseless. Will slide under average desk. Height from floor to top of motor only 8 3/4". Equipped with constant speed, ball-bearing, high-torque motor that may be connected to any electrical outlet. Requires absolutely no lubrication anywhere—not even on the motor. Base and adjustable handle, chromium plated; motor, black enamel. Supplied complete with one set of attachments and 35 feet of rubber covered extension cord.

With this inexpensive, efficient little machine the back-breaking labor of hand scrubbing or polishing becomes as obsolete as a kerosene lamp.

**LOW - - -**  
**In Price**  
**BIG - - -**  
**In Service**

### For CARPET SCRUBBING

This new twin-disc floor machine also comes equipped for carpet scrubbing. For further details see page 13.



**FLOOR PROBLEMS WITH**

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## ● New HILD Floor and Carpet Scrubbing Machine

Now—for the first time—an electrically operated machine that not only scrubs, waxes and polishes floors, but scrubs and cleans carpets to perfection. Has all the features of our popular line of floor machines plus certain important additions. A vertical tank (capacity  $3\frac{1}{2}$  gals.) provides convenient storage for cleaning solution. It is equipped with a removable General Electric heating unit to keep the solution warm and guarded glass gauge to show level. Tank is quickly emptied through drain cock at bottom.

Solution is liberated from tank by finger-controlled Lunkenheimer valve and is discharged *through* a special aluminum backed brush thereby permitting a more even distribution on the carpet. Gives excellent results on practically all types of carpeting without injuring the nap. Special flow valve regulates flow of solution. Pressure of brush on carpet is regulated by adjustable wheel carriage. Brush revolves flat on carpet at all times. Two switches are provided on handle, one for operation of machine, the other for the heating unit. For further details of machine consult specifications on page 8.



Model A  
Rug Scrubber

Recommended for hotels, apartment buildings and other institutions for cleaning rugs or extensively carpeted floors. Let the Hild Floor Engineer show you a new way to save money on maintenance. Ask him for a free demonstration of this remarkable new machine.

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## ● Convert Your HILD Floor Machine Into a Rug Scrubber

If you already own a Hild "Jr.", Model A or Model C Floor Machine, you can readily convert it into a combination floor machine and rug or carpet scrubber with this special equipment. Includes:  $3\frac{1}{2}$  gallon solution tank with removable heating unit, lower pet-cock for draining, and guarded water gauge; adjustable flow valve; Lunkenheimer control valve with finger-tip extension to handle and brackets for attaching; tubing connection to top of brush; switchplate and two switches, one for machine and one for heating unit; special aluminum backed brush.



## ● HILD "Nu-Way" Rug Shampoo

A special preparation developed essentially for use with the new Hild Carpet Scrubbing Machine. Offers a new and unique process for cleaning and disinfecting rugs without taking them up from the floor. Chemically breaks down grease and grime, gum and stains through its penetrating, effervescent action. Dries completely in a few hours restoring carpet to its original beauty and lustre. Has a clean refreshing odor. May also be used for cleaning upholstery, tapestry, drapes, etc. Directions: Use  $\frac{1}{2}$  pint of Nu-Way in 1 gal. of warm water. It is suggested that rugs be vacuumed both before and after cleaning.



## ● HILD Twin Disc Rug Scrubber

Similar to our electrically operated floor machine described on page 11 with rug scrubbing equipment attached. Ideal for scrubbing rugs and carpets in small apartment hotels, homes, etc.

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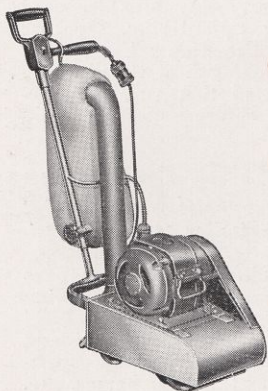
## ● Hild Quick Cutting Drum Type Sander

**T**HE last word in electrically driven, heavy duty portable, high speed floor sanding machines. Weight 95 pounds with solid power and drive units set entirely in ball bearings, which eliminates all vibration with machine running in any direction over the floor. This machine cuts through old varnish, etc., with ease to a complete refinished floor.

Connects to lamp socket or base plug.

### CHECK THESE IMPORTANT FEATURES

1. **EFFICIENT**—Puts a ball room finish on floors, no matter how badly they are worn, warped or marred.
2. **SANDING DRUM**—7" rubber covered sanding drum revolves at 1,200 R.P.M., insuring fast cutting without waves or chatter marks.
3. **CONVENIENCE** — Sandpapers right up to quarter round, an exclusive feature not found on any other sander.
4. **MOTOR**—½ H.P. constant speed, ball bearing, heavy duty motor. Connects to any convenient base plug or electric light outlet.
5. **LIGHT WEIGHT**—Weighs but 95 pounds, easily carried by one man, yet constructed amply strong to withstand hard service.
6. **EASE OF OPERATION**—May be easily operated by man, woman or grown child. As simple to run as a vacuum cleaner. Has adjustable handle.



7. **ECONOMY** — Sandpaper sheets 7" wide by 19" long, cutting 94 sheets from a standard 50 yard roll.
8. **PERFECT DUST COLLECTOR**—No muss, dirt or dust with the "HILD." It picks up cleanly all dirt and dust both on forward and backward movement of machine.
9. **EQUIPMENT**—50 ft. rubber covered cord with connectors; 18 sheets assorted sandpaper; template for cutting paper and wrench.

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## ● FLOOR MAINTENANCE CHART

	Clean With	Fill and Seal With	Treat and Maintain With (See Key Below)
Floor			
Wood	Flake Crystals	Wood Seal	No. 1, No. 3 or P. W.
Linoleum	Liquid Detergent	Wood Seal	No. 1, No. 3 or P. W.
Cork	Flake Crystals or Liquid Detergent	Wood Seal	No. 3 or P. W.
Rubber	Snowflake Crystals or Liquid Detergent		No. 2 or No. 3
Concrete	Liquid Detergent	Concrete Seal	No. 1, No. 3 or P. W.
Hard Composition (Magnesite, etc.)	Liquid Detergent	Wood Seal	No. 1 or P. W.
Soft Composition (Asphalt, Tile, etc.)	Liquid Detergent		No. 2 or No. 3
Slate	Liquid Detergent		No. 1 or P. W.
Terrazzo & Art Marble	Liquid or Powdered Detergent	Terrazzo Seal	No. 1, No. 2 or No. 3
Tile (Glazed)	Liquid or Powdered Detergent		No. 1, No. 2 or No. 3
Tile (Porous)	Liquid or Powdered Detergent		No. 1, No. 2, No. 3 or P. W.
Marble (Non-porous)	Liquid Detergent		
Marble (Porous)	Liquid or Powdered Detergent	Shine-Brite	Shine-Brite

KEY—No. 1 = No. 1 "Special" Floor Treatment; No. 2 = No. 2 "Special"; No. 3 = No. 3 "Bright Drying"; P. W. = Paste Wax.

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## ● HILD *Guaranteed*



**H**ILD Floor Treatments offer advantages that neither practical housewife nor efficient building superintendent can afford to overlook. A few of the more important are as follows:

1. **GREATER BEAUTY**—Hild Floor Treatments give a rich lustrous finish that enhances the natural color and beauty of the floor.
2. **NO UGLY SCRATCHES**—Hild Floor Treatments penetrate into the pores of the floor. Unlike varnish, they do not remain on the surface to be easily scratched when moving furniture, etc.
3. **NON-SLIPPERY**—Hild Floor Treatments when properly applied are never slippery.
4. **LOW COST**—Hild Floor Treatments are economical and easy to apply. A little goes a long way.
5. **NO WORN SPOTS**—Doorways and other places subject to wear can be touched up or simply repolished as needed. No "overlapping" will show. The entire floor need not be retreated except at long intervals.
6. **NO REFINISHING**—Once the old varnish has been removed and the floor treated the Hild way, it will *never* have to be refinished again. All you do is apply new treatment when and where needed.
7. **SANITARY**—The Hild treated floor, through electrical attraction, keeps dust and germs out of the air. Dusting and other cleaning is greatly simplified.
8. **EASY TO KEEP CLEAN**—By filling the pores of the floor, Hild Treatments seal the surface against the penetration of dirt. Instead of being ground into the floor, the dirt stays on the surface where it can readily be swept away.

### ● Hild "No. 1 Special" Floor Treatment

This unique varnish-gum liquid wax treatment gives a beautiful, rich, glossy finish to wood, linoleum, cork, concrete, tile, shellacked, varnished or stained floors. Also used for woodwork, furniture, metal fixtures, cabinets, automobiles, etc. Wears much longer than ordinary wax and will not scratch up like varnish. Makes frequent scrubbing unnecessary. Protects floors from wear. Non-slippery. Worn spots repaired without showing overlaps. Available in natural (colorless) or light or dark oak. Easy to apply—ready for service in an hour.

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## FLOOR TREATMENTS

### ● Hild "No. 2 Special" Floor Treatment

A special varnish-gum liquid wax treatment for rubber, asphalt tile, terrazzo and marble floors. ("No. 1 Special" cannot be used on these floors.) Application and results are similar to those obtained with "No. 1 Special" Treatment. Odorless and non-inflammable.

### ● Hild "No. 3 Bright Drying" Floor Treatment

This popular Hild Floor Treatment requires no polishing. It dries with a bright lustrous finish and may be used on all types of floors (except raw wood). Makes frequent scrubbing unnecessary. Will not scuff or scratch. Non-slippery. Easy to apply—ready for service in 20 minutes. Odorless and non-inflammable.

### ● Hild Prepared Paste Wax

An exceedingly durable, high-quality paste-wax for protecting and enhancing the appearance of wood, linoleum, cork, concrete, porous tile, slate, shellacked, varnished or stained floors, woodwork, furniture, metal fixtures, cabinets, automobiles, etc. Gives attractive, glossy finish that protects floor from wear. Will not scratch like varnish. Wears much longer than ordinary wax. Makes frequent scrubbing unnecessary. Easy to apply—ready for service in twenty minutes. Available in yellow, non-color, and colored pigment wax.

### ● Hild Paint and Varnish Remover

A readily applied preparation for removing paint, varnish, shellac, etc., from wood and other floors. Will not injure floors, hands or clothing. Will not raise the grain. Speedy and economical.

### ● Hild "Shine-Brite" Liquid Floor Cleaner

A thick golden-amber vegetable oil base soap (24% anhydrous soap content) for all types of floors. Contains no harsh alkalies or abrasives that might be harmful to linoleum, composition tile, cork tile floors, etc. Absolutely safe for the finest floors. When diluted with water and applied with a mop it will remove surface dirt without affecting materially the wax-treatment on the floor. (Furnished in pine, sassafras or plain.)

**FLOOR PROBLEMS WITH**

**HILD**  
Engineering  
Service



### ● **Hild Liquid Detergent**

Is a clear, heavy bodied cleaner and carries a small excess of modified alkalis, which is advantageous in cleaning. It not only increases the cleaning action, but prevents colors from running. It will dissolve immediately even in cold hard water and acts as a water softener as well as a cleaner. It goes deep into the pores and floats the dirt to the surface. Furnished in pine or sassafras.

### ● **Hild Powdered Detergent**

An efficient abrasive powder consisting largely of volcanic ash. Suitable as a general utility cleanser. Will not scratch.

### ● **Hild Flake Crystals**

An extremely efficient general utility cleanser. Pure, white, free-flowing flakes. May be used on extremely dirty floors or where old wax is found difficult to remove. Also an ideal all-around cleanser for washing painted walls, bathrooms, tile, marble, dishes, etc.

### ● **Hild Snowflake Crystals**

A mild crystalline cleanser for cleaning treated rubber floors. Will not injure treatment or floor.

### ● **Hild Floor Bleach**

An efficient preparation for bleaching badly stained floors.

### ● **Hild Wood Seal**

A thoroughly penetrating floor seal that fills the pores thoroughly and prevents dirt from being ground into the floor. Dries in 12 to 24 hours. Available in colors and neutral.

### ● **Hild Terrazzo Seal**

A quick drying, rapid penetrating seal specially prepared for terrazzo floors.

### ● **Hild "No-Burn" Gymnasium Seal**

A superior floor finish developed specially to resist the action of rubber burns and the friction of severe traffic. Impervious to water, moisture, alkali, alcohol and acids. Non-slippery. Unusual properties due to 'concentrated phenolic solid content (compare with chinawood oil and bakelite). Tough surface resists grinding in of dirt and naturally increases the sanitary condition of the floor. Recommended also for block-on-end floors. Will not soften up under the friction of dancing.

### ● **Hild Concrete Seal**

A special seal for concrete floors.

### ● **Hild Concrete Hardener**

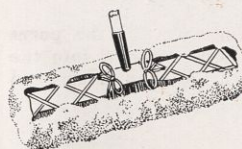
A special preparation for hardening or sealing the "bloom" or dust usually arising from a concrete or cement floor.

### ● **Hild Bowling Alley Polish**

Developed specially for treating bowling alleys. A cleaner and polish all in one.

### ● **Hild Squeegee and Floor Pan**

For speed and convenience in picking up dirty soap and water, old wax, etc., use the Hild 18" Rubber Squeegee and Floor Pan. Floor pan has 20" pick-up edge.



### ● **Lamb's Wool Applicator**

Hild Lamb's Wool Applicator has been designed for applying liquid wax, Hild No. 1 and Hild No. 2 Special Floor Treatments, Seals and similar treatments.

### ● **Cotton Shuttle Mop**

Hild Short-String Cotton Shuttle Mop is recommended for applying Hild No. 3 Special Bright-Drying Floor Treatment.



### ● **Sweeping Mops**

For daily sweeping or maintenance. Available in 4 widths: 18", 27", 36" and 45".

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