

How to Solve Snow Removal Problems —



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with

GRAVELY

Power Equipment

THESE HEADLINES MEAN TROUBLE

City Musters Forces In Battle With Snow

Mayor Declares State of Emergency and Presses All Departments Into Clearing Activities—Storm Comes From South

STREET CLEANERS' FIGHT AGAINST SPOOLS

FUEL OIL DELIVERY REDUCED BY 50%

Trucks Thwarted by Clogged Side Streets or Uncleaned Driveways of Homes

Fuel oil distributors were operating yesterday at about 50 per cent of efficiency, slowed down primarily by clogged side streets and uncleaned driveways of homes.

SUBURBS BATTLING HEAVY FALL IN VAIN

Whole City Area Stormbound —Trains, Buses, Autos Are Stalled, Commuters Stranded

Worst of Blizzard Over; Roads Open But Perilous

Buffalo Still Digging Out After Snowfall of 12 Inches; Drifts 10 Feet Deep in County.

(Picture on the picture page.) Spurred by clearing weather which eased the season's worst blizzard this afternoon.



They mean Delay, Danger and even Disaster — the three D's you fight in snow removal operations.

They mean hours of work and effort to get things moving again, no matter how large or small your operation. From the Maintenance Superintendent of the industrial plant with a mile and a half of drives and walks to clear, to the Street Commissioner with an entire City's transportation system to get rolling again, there are certain problems that only the Gravely Tractor and its snow removal equipment can solve economically!

Only The Gravely Tractor Solves These Problems

1

Sidewalk snow plowing — moving snow from one-half inch to four feet deep.

2

Clearing driveways, docks, loading platforms, other close places where large equipment cannot operate.

How To Save Money By Using Gravely Power Equipment

The old-fashioned way of clearing sidewalks and platforms was to hire a crew of men, issue shovels, and put the men to work. That costs money. A glance at your payroll files will tell you just how much money!

With the powerful 5 Horsepower Gravely Tractor and its snow removal equipment, one man moves more snow — cleans more feet of sidewalk — in a single hour than a crew of eight can clean in four hours!

Municipalities and Institutions have records to prove that statement.

Gravely Equipment costs little to operate — does these small but essential jobs quickly and economically.

How You Save Time With Gravely Power Equipment

Getting a hand-shoveling crew on the job, and getting the snow moved sometimes runs into hours.

Isn't it a lot simpler and faster to have your Gravely Equipment set up and spotted at the trouble points? Then a phone call to one

Gravely operator and you're ready to get the snow moving right now!

If you catch a heavy snowfall in time with Gravely Equipment, you can keep it cleared away from those important walks and drives. You save your big equipment for the big jobs, where it is economical to use.

THE ATTACHMENT TO SUIT YOUR NEEDS

Here are the three attachments that take the headaches out of your snow removal problems — the solutions to problems that only Gravely Equipment can solve.

SNOWPLOW

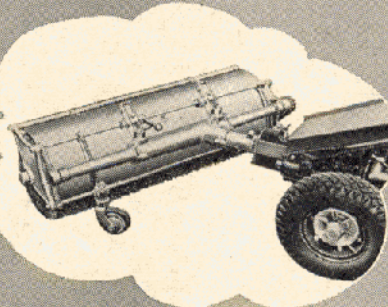
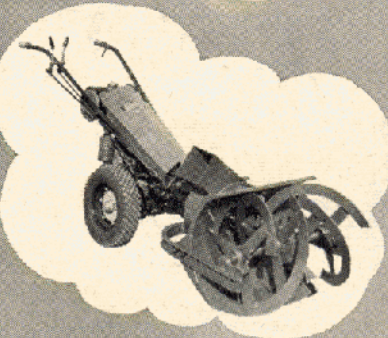
The Gravely Blade-Type Snow Plow is an economical answer to clearing sidewalks and drives in snow up to 18 inches deep. Clears average sidewalk in one sweep, driveways in two. Reversible blade moves snow either left, right, or straight ahead.

SNOWBLOWER

The Gravely Snow Blower is a new, revolutionary design. It will move any snow, wet or dry, hard-packed or powdery. The Snow Blower throws the snow to either left or right, at any angle, by simply adjusting the spout. It will move snow from ½ inch deep up to four- or five-foot drifts.

POWER BRUSH

The Gravely Power Brush sweeps light snows away quickly. Keeps docks, loading platform, walks and drives clear of light snows, dust, dirt and trash. Year-round use. Sweeps clean the first time over!



SNOWBLOWER

Moves Deep Snow Fast!

The Powerful 5 Horsepower Gravely Tractor with the Snow Blower attachment solves two problems in snow removal that previously could be solved only by hand shoveling.

First, deep or drifted snow on sidewalks, drives, etc.; Second, successive snows falling on close areas.

Deep Snow

Once the only way to get deep snow from sidewalks was to hand-shovel it off, because large equipment couldn't reach the snow. Now you use power to move the snow quickly with the Gravely Snow Blower. Easily maneuverable, the Snow Blower gets in close to parking meters, light poles, lamp posts, parked cars, stacks of materials.

Successive Snows

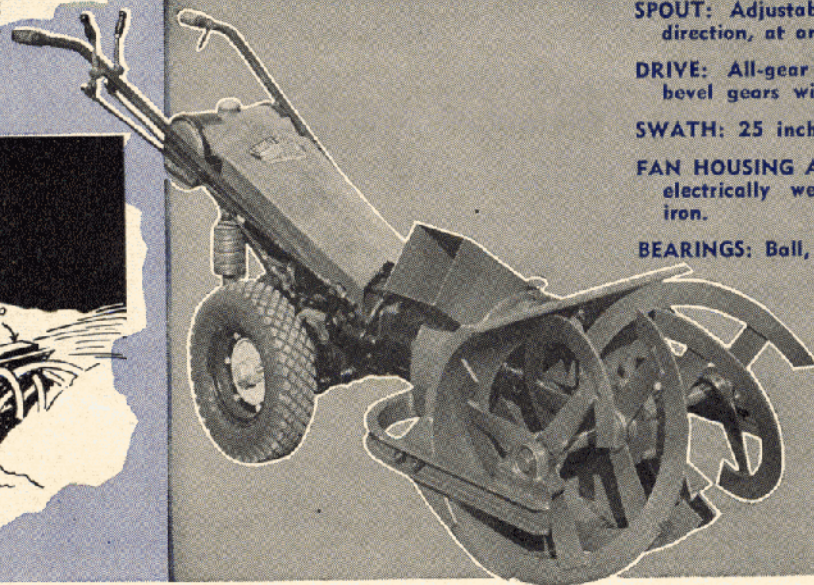
You have no trouble moving the first snow from a sidewalk or drive with blade-type equipment. But how about the next one — and the next? Unavoidably you build a bank of snow to the right and left of the area, and when it gets high you are stopped. There is no place to put the next snowfall unless you load the first on trucks and haul it away. That takes time and money. With the Snow Blower, the adjustable spout throws the snow where you want it — scatters it over a wide area, or over the top of previous banks.

Gets In Close Places

The Snow Blower has a cleaning width of 25 inches. Two sweeps and an ordinary walk will be cleaned. Remember, you can throw the snow in the same direction on the return trip — you can open paths between buildings, equipment and materials stacks.

Works On Any Surface

The Gravely Tractor and Snow Blower will move snow on any surface. Runners on the Blade, plus the Patented Gravely Swivel Action, allows you to skim the snow from gravel, bluestone, macadam or concrete.



SPOUT: Adjustable to throw snow in either direction, at any angle selected by operator.

DRIVE: All-gear Drive; steel cut, hardened bevel gears with splined steel shafting.

SWATH: 25 inches.

FAN HOUSING AND BLADE: 12 Gauge Steel, electrically welded, reinforced with angle iron.

BEARINGS: Ball, at all points of wear.

FAN BLADES:
3/16 inch die cut steel. **REEL BLADES**
1/4 by 2 inches die cut steel.

RUNNERS: Standard.

SNOWPLOW

Blade Type

The Gravely Blade-Type Snow Plow Attachment will move snow up to 18 inches deep. It cleans the average sidewalk in one sweep, driveway in two.

These exclusive features make the Gravely the only successful sidewalk snow plow:

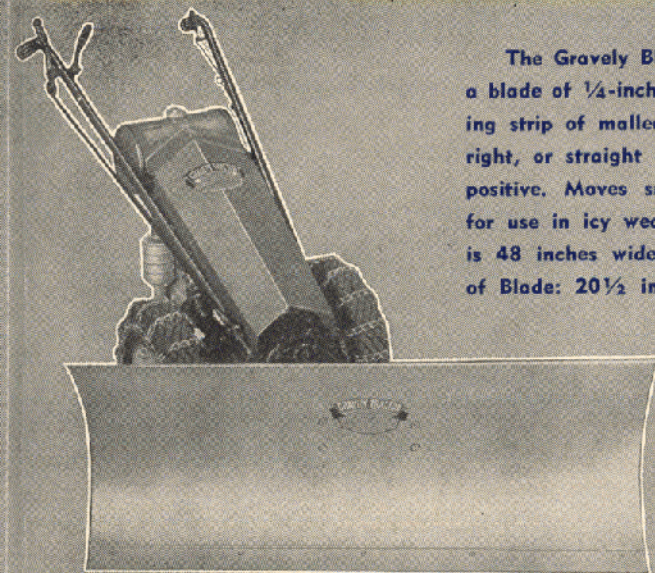
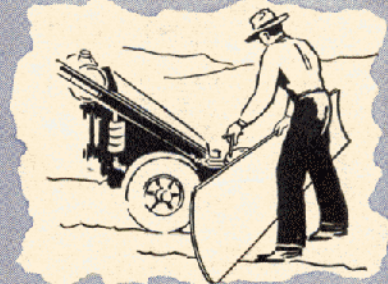
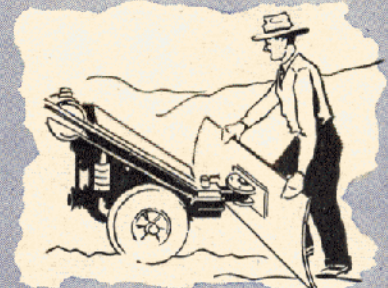
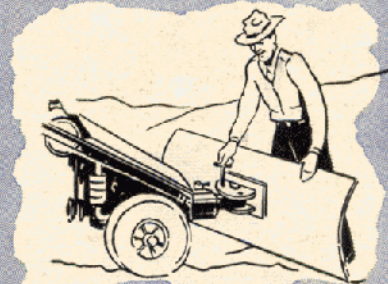
1. **Blade design.** There is no dead weight against the blade when you use the Gravely Snow Plow — the blade picks the snow up and rolls it to one side.
2. **Completely Reversible Blade.** Three pin positions — left, right, or straight ahead. This quick pin adjustment moves the snow in the same direction on the return trip — or you can set the Plow straight ahead for bulldozing.
3. **Renewable Cutting Edge** on the blade assures you of long life for the Snow Plow. Your blade will never wear out — the Cutting Edge is quickly replaced, inexpensive.
4. **Bulldozing** with the plow extends its use. Can be used to move loose dirt, cinders, trash.

One man with the Gravely Tractor and Snow Plow attachment moves more snow in one hour than a 4-man crew in 8 hours. This speeds up your snow removal operation, cuts the costs.

Records of cities, hospitals, industries and municipalities show that you can pay for your Gravely Equipment in less than two seasons' use, with the money you save by doing these jobs faster and more efficiently!

Snow Removal is heavy work. The worst thing that can happen to you is to buy a machine for snow removal, and then find that it lacks the power to do the job right. The Gravely has been job-proved for many years . . . the continued purchase of more and more Gravely Equipment for this type of work by municipalities, schools, and industries is your guarantee that the Gravely will do the job.

The Gravely Blade-Type Snow Plow Attachment has a blade of ¼-inch steel, with a 3-inch replaceable wearing strip of malleable steel. Angle adjustment, to left, right, or straight ahead is by a simple pin lock, fully positive. Moves snow up to 18 inches deep. Chains for use in icy weather are available. Snow Plow Blade is 48 inches wide. Weight of Blade: 140 lbs. Height of Blade: 20½ inches, including wearing strip.



POWER BRUSH

Moves Light Snow Fast

Most snows are light. But even an inch or so is dangerous for both equipment and personnel.

It is easier by hand methods to sweep these lighter snows instead of shoveling them. The same thing is true when using power equipment. With a Gravelly Power Brush Attachment for your Gravelly Tractor you speed up this necessary snow removal. The 38-inch sweeping width and the power of the tractor make quick work of these light snows.

These distinctive features make the Gravelly Power Brush the most practical small Power Sweeper.

1. Separate clutches control the motion of the Brush and the motion of the Tractor.

2. Quick, easy pressure adjustment for sweeping contact.

3. A flip of a lever lifts the Brush from contact level for transportation.

4. Brush Segments are easily replaced, reversible on the carrying shaft. Fine or Coarse bristles.

An All Season Tool

The Power Brush is used all year for sweeping dock areas, platforms, storage areas. Whether it is snow, coal dust, water, mud or trash, the Gravelly with its Power Brush will sweep it clean the first time over!



5 HP GRAVELLY TRACTOR

Dependable Power!

Snow Removal is no light job. It takes a rugged, sturdy piece of equipment with plenty of power and bulldog dependability. The Gravelly Tractor meets those specifications.

The big Gravelly 5 Horsepower engine has power to spare. It is an integral part of the Tractor, designed and built as part of the machine.

No belts or chains to wear, slip or break. The fully enclosed, all-gear drive runs in a bath of oil—gives you maximum power for minimum maintenance.

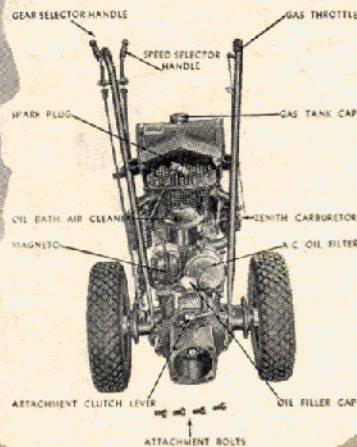
Two speeds forward and reverse lets you select the correct working speed for the job. The reverse makes the Gravelly maneuverable in close places. A flip of the reverse lever and the equipment backs up under power.

The Gravelly will take day-in-and-day-out service on the toughest job you have. It is simple to operate. Any person of normal intelligence can soon become expert at working with the equipment. And the unit is rugged enough to take abuse from unskilled operators—a big factor in figuring costs.

The Gravelly is manufactured by a firm that has made nothing else for over 29 years. It is not merely assembled—it is manufactured from start to finish in the Gravelly Factory.

The patented Gravelly Slip Clutch is insurance against damage to your Tractor or Attachments when an obstacle is encountered in your work. The Slip Clutch absorbs the shock when your attachment meets an obstacle—stops the Tractor and Attachment before any damage can be done.

The Swivel Action of each Gravelly Attachment always follows the contour of the ground, regardless of the position of the tractor wheels.



SPECIFICATIONS

Motor: Own make, 4-cycle, T-head type, air-cooled.

Bore: $3\frac{1}{4}$; Stroke: $3\frac{1}{2}$; Mechanical Valves.

Magneto: Bendix-Scintilla, Impulse Type.

Air Cleaner: Donaldson Oil Bath.

Carburetor: Zenith.

Oil Filter: AC or Equivalent.

Horsepower: 5.

Transmission and Timing Gears: Alloy Iron and Hardened Steel.

Differential: Automotive Gear Type. Hardened steel cut pinions, steel worm, Bronze worm gear.

Bearings: Ball and Tapered Roller Bearings at all vital wearing points.

Oiling: Dry Sump Gear Pump and Splash System.

Clutch: Two, double acting, cone-type: First, Forward and Reverse; Second, Speed Selector.

Height (Not including handles): 28 inches.

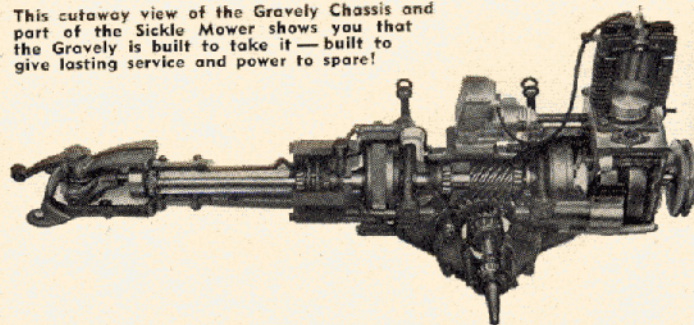
Length (including handles): 55 inches.

Weight: 275 lbs.

Speeds: Two forward speeds and reverse, Low: $\frac{1}{4}$ to 3 mph; High: 1 to 6 mph. Throttle Controlled.

Governor: Optional.

This cutaway view of the Gravelly Chassis and part of the Sickle Mower shows you that the Gravelly is built to take it—built to give lasting service and power to spare!



Notice the splined steel shafts—the direct gear drive to the attachment—the roller and ball bearings at all vital points. Wander users call the Gravelly the World's Finest Small Tractor.

20 ATTACHMENTS—A TOOL FOR EVERY JOB

The powerful 5 Horsepower Gravely Tractor is the power unit for an entire line of 20 power tools. It is not just a small tractor, it is a complete system of grounds maintenance, with a power unit designed and built for the job.

Each attachment can be interchanged with another in a few moments, by merely removing and replacing four bolts.

This quick change feature is an advantage in certain types of grounds maintenance. For example, if there are weeds to cut, the Sickle Mower is attached. When the weeds are cut, the operator removes the Sickle Mower, replaces it with the 30-inch Reel Mower and mows the lawns.

Attachments

- Snow Blower
- Snow Plow
- Power Brush
- Reel Mower
- Gang Mowers
- Sickle Mower
- Rotary Plow
- Rotary Saw
- Hauling Cart
- Roller
- Sprayer
- Cultivator
- Power Take Off
- Air Compressor
- Fertilizer Distributor
- Seeder
- Dual Wheels
- Extension Axles
- Disc Harrow
- Peg Harrow
- Gear Wheels
- Chain Saw
- Posthole Digger

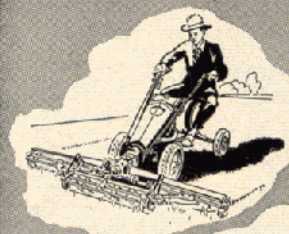
However, a more important versatility is the year-round use you get with your Gravely Tractor.

It is not a machine you use for a month or so, then park until the same condition arises again. Instead, there is always a job the Gravely can do . . . you can, as many do, keep your Gravely working eight hours a day through most of the year.

The attachments shown in the sketches on this page give you an idea of the many tasks you can accomplish with the Gravely — at a big saving in time and labor.

Think for yourself how much it would cost to do these things by hand! How much money you could have tied up in one-job machines to accomplish the work the Gravely does — with one investment in one power unit, and the proper selection of tools to fit your particular needs.

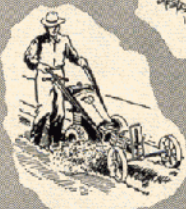
The reason the Gravely has the reputation of being the top quality small tractor is simply expressed in a few words: Only the Gravely can do so many jobs so well!



Reel Mower



Sickle Mower



Rotary Plow



Roller



Hauling Cart



Rotary Saw



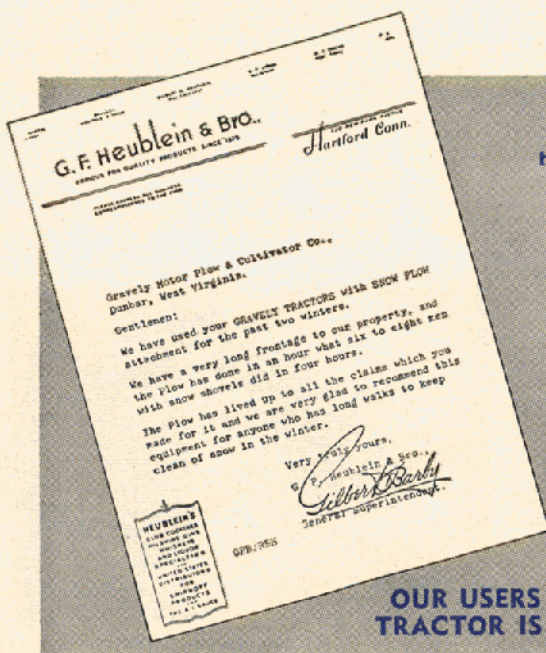
Cultivator

Users Say

The GRAVELY is doing work for me that would take a gang of men to equal.
H. W. Bentley, Putney, Vt.

In the recent record and extreme snowstorm, at no time was our driveway blocked, or was the Gravely unable to handle the 25 or 26 inch snow that we had. The plow works to perfection, so that we are very pleased that we have a Gravely, as some of our neighbors have various other machines, some with four wheels, but were unable to make any headway against the extreme conditions.

James R. Sheldon
Long Island City, New York



OUR USERS BACK UP OUR CLAIM . . . THE GRAVELY TRACTOR IS THE WORLD'S FINEST SMALL TRACTOR!



Parts And Service

The pictures on this page illustrate three major considerations in the purchase of Gravelly Equipment. A typical distributing company, the stock of parts, and the service shop.

No equipment can run indefinitely without repairs and service. You cannot afford to wait on factory shipment of parts, or to trust your equipment to untrained personnel for service.

The Gravelly dealer organization is world-wide. Our dealers stock Gravelly Parts, have mechanics trained in factory methods to service your equipment whenever there is need.

You are assured that your Gravelly Equipment will be operating when it is needed by these three services — your insurance against an unexpected maintenance emergency.

Free Literature — Free Demonstration

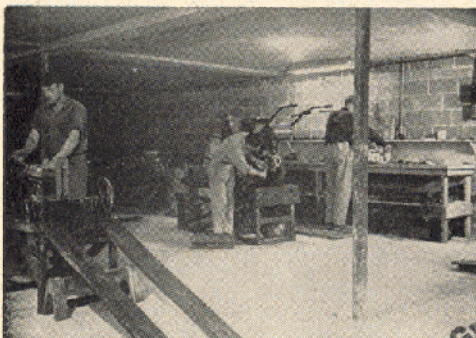
Any Company can produce literature and make claims for its product. The Gravelly Company goes further than that. We bring Gravelly Equipment to you, show you what it can do on your own ground, under your own conditions — at no obligation.

Just drop us a note, and your local dealer will

call to arrange a demonstration at a time convenient for you. If you want more information before you have your demonstration, write for your copy of "Power Vs. Drudgery," the complete catalog of Gravelly Equipment.

Remember — only the Gravelly does so many jobs so well! Request your demonstration today!

Gravelly Motor Plow & Cultivator Company, Dunbar, W. Va.



Sold and Serviced by

**Gravelly Indiana, Inc.
R. R. # 3 - U. S. Hwys. 30 & 33 W.
Ft. Wayne 3, Indiana
Phone: E-1115**

