

THE
Deluxe

Pippin

EXCAVATOR



IT'S A
PIPPIN

with
its

33

outstanding features



THE Pippin

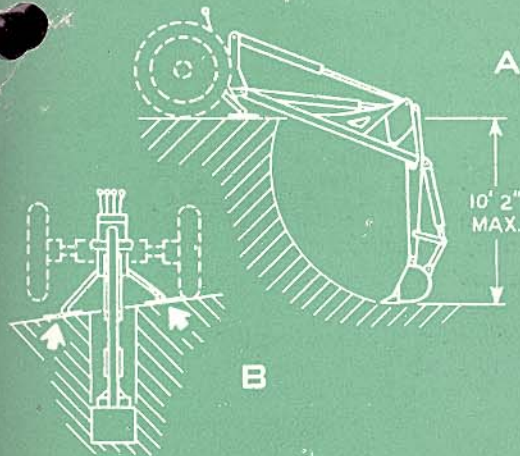
... always a leader, is now
'way out in front



with the *Deluxe* model and its 33 outstanding features ...

1. Complete fabrication from steel plate.
2. Structural weldment dipper stick with no cross welds.
3. Center pivoted dipper stick for rigidity and more bearing surface.
4. All major wear points bushed with hardened alloy steel bushings.
5. Specially processed, larger pins for 270% more strength.
6. Larger cylinders for more power at lower pressure.
7. Larger cylinder rods for greater strength.
8. Chrome plated cylinder rods to resist corrosion.
9. Standardized chevron packings on all cylinders for tighter seal and longer wear.
10. "Action-engineered" hose arrangement cuts out damage and costly replacements.
11. Two-wire, 3500 pound test hydraulic hoses with swaged fittings.
12. Exclusive four-way selector valve with click stops.
13. Self-levelling stabilizer pads with removable dog teeth.
14. Combination valve, fully adjustable for smooth, cushioned swing.
15. Large capacity pump with roller-chain coupling.
16. Extra large tank capacity — better cooling, less foaming of oil.
17. Block testing at factory assures trouble free operation.
18. Pre-assembled in two complete hydraulic units.
19. Hitched to strongest parts of tractor.
20. Installation with loaders and dozers.
21. Quick assembly and disassembly. Only four pins and six hose ends connect tank and boom.
22. Average initial installation time — four man hours.
23. Tractor-tailored tank provides better vision and balance.
24. Over ten foot digging depth.
25. Larger digging area without moving tractor.
26. Extra high lift to load trucks, with either backhoe or shovel.
27. Dirt disposal farther from trench, reducing cave-ins.
28. Tractor levelling control for side hill operations, with higher stabilizer clearance.
29. Fourteen bucket sizes.
30. Exclusive twin boom design for added strength. Common pivot eliminates locking action of boom and dipper stick.
31. More bucket power through hydraulic and mechanical design.
32. Boom cylinder located above booms for greater down pressure.
33. Many Pippin attachments increase versatility, allowing year round operation.

... and it is designed to meet your needs



- A. Increasing of the digging depth to 10' 2" is in line with Pippin's policy of always keeping ahead of the demand. In addition to this greater capacity, the Deluxe model is stronger and more powerful than ever. A range of backhoe buckets, from 12" to 36" wide, is available.



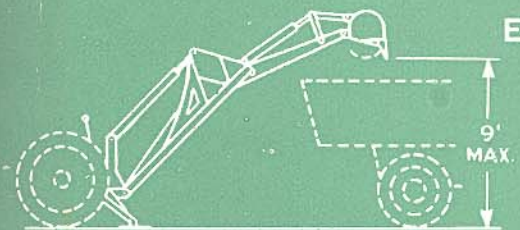
- B. Individual control of the separate hydraulic stabilizers, together with increased downward pressure on the stabilizer plates permits quick, rigid levelling of the tractor to maintain a plumb ditch on a hillside or on uneven ground. Saw-tooth edges on the bottom of the plates prevent slipping.



- C. The greater reach of the Pippin, provides a maximum of excavating without moving the tractor. Even when fully extended, larger "bites" are now possible due to the tremendous power at the bucket — increased 300% in the Deluxe model by hydraulics and leverage. Roots, rocks, or hard ground are no obstacle, in any position.



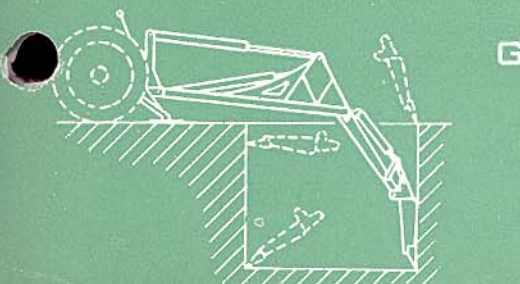
- D. The increased swing of the boom permits piling of dirt farther from the excavation. This not only prevents the dirt from falling back in the hole and provides walking space around it, but facilitates truck loading. Diagram D shows that digging is possible at any angle of the swing.



- E. The Pippin's extra high lift is essential for loading over the sides of the highest trucks. This height, coupled with the added power and rigidity of the new design, also permits lowering of septic tanks, large pipes, or other heavy loads.



- F. With the shovel bucket, the digger is converted to a powerful shovel in 5 minutes. It is the adaptability of the Pippin which makes it indispensable to contractors, utilities, municipal departments and cemeteries.



- G. A grave-digging bucket will dig perfect graves without hand finishing — and as much as 32 times faster than manual labor. Cemetery superintendents find the Pippin Excavator a highly profitable investment, and its speed of performance leaves it available for other cemetery uses — lowering vaults, shovelling, loading, digging or tiling operations.

SOME USES OF THE PIPPIN EXCAVATOR

Building Contractors: Foundation trenches, drainage tile, small excavations, shovelling and loading.

Electrical Contractors: Trenches for underground electrical work, cables, etc.

Plumbing Contractors: Water and gas lines, sewer systems, septic tanks and drainage tile, digging up pipe lines.

Cemeteries: Grave digging, lowering vaults, shovelling, loading, landscaping, drainage.

Highway Departments: Highway construction, drainage ditches, shovelling, excavating, culvert installation and maintenance.

Utilities: Underground electric connections, telephone cables, gas lines, water system, sewer mains, maintenance and repair.

Landscape Gardeners: Planting or moving trees and shrubs, light and maneuverable for lawns and small areas, shovelling, drainage.

Park & Forestry Services: Digging, shovelling or loading, drainage or landscaping.

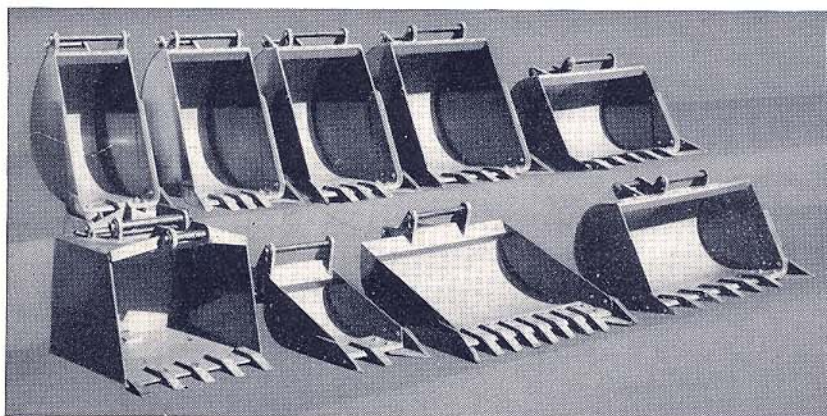
Farmers & Ranchers: Irrigation, orchards, shovelling, loading, water pipe.

Municipalities: Construction and maintenance of roads or streets, water mains, sewers, drainage.

Custom Workers: A profitable one-man business — all types of digging, loading or shovelling.

Pipeline Contractors: Maintenance of existing pipelines, uncovering and raising pipe, lowering and back filling.

Septic Tank Contractors: Excavating tank holes and laterals, setting tank, loading gravel.



BUCKETS

Top Row, left to right: 12" Backhoe, 15" Backhoe, 17" Backhoe, 22" Backhoe, 29" Backhoe.

Bottom Row, left to right: 22" Shovel Bucket, 12" Bellhole Bucket, 32" Cemetery Bucket, 36" Backhoe.

(Dimensions given are inside, outside dimensions approximately 2" more)

SPECIFICATIONS

Deluxe Model WF-104

Power Tractor P. T. O.
 Motor Speed 1500 RPM
 P. T. O. and Pump Speed 750 RPM
 Hydraulic Pressure 1000 PSI
 Hydraulic Oil Capacity 15 Gallons
 Cylinders Double acting (except swing)
 Control Four plunger—Double action
 Hose 3500 lb. Service tested
 Width of Shovel Bucket 22 inches
 Width of Backhoe Buckets
 12, 15, 17, 22, 29 or 36 inches

Width of Bellhole Buckets
 12, 15, 17, 22, 29 or 36 inches
 Width of Cemetery Bucket 32 inches
 Extended Length from Tractor Rear Axle 16 feet
 Height of Load Lift with Backhoe 9 feet
 Height of Load Lift with Shovel 12 feet
 Width of Operations, Side Swing 25 feet
 Maximum Trench Depth with Backhoe .. 10 feet 2 in.
 Capacity of Shovel Bucket 5 cubic feet
 Angle of Sidehill Operation 15° grade
 Clearance for Transport 9½ feet
 Net Weight, Less Bucket 1800 lbs.

National Distributor

PIPPIN CONSTRUCTION EQUIPMENT, INC.
 White River Junction, Vermont

Manufactured by

CONE AUTOMATIC MACHINE CO., INC.
 Windsor, Vermont

DEALER:

SHULMAN EQUIPMENT CO.
 ROUTE 46, PINE BROOK, N. J.
 Caldwell 6-5400