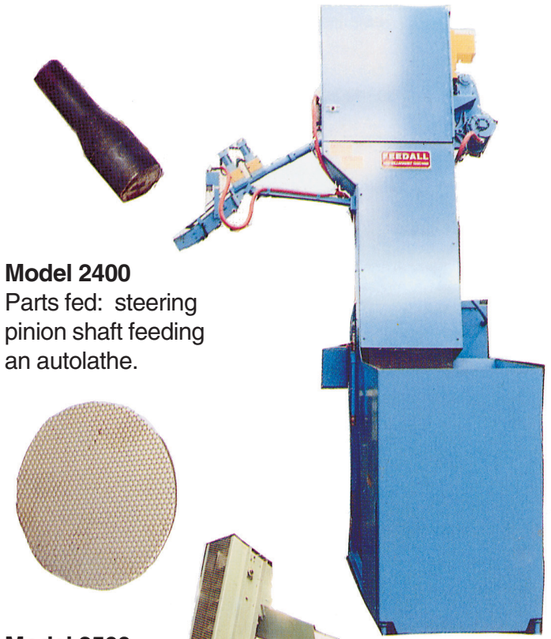
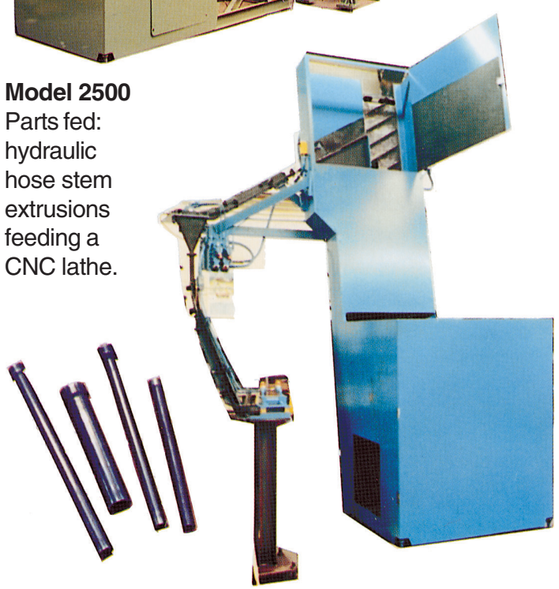


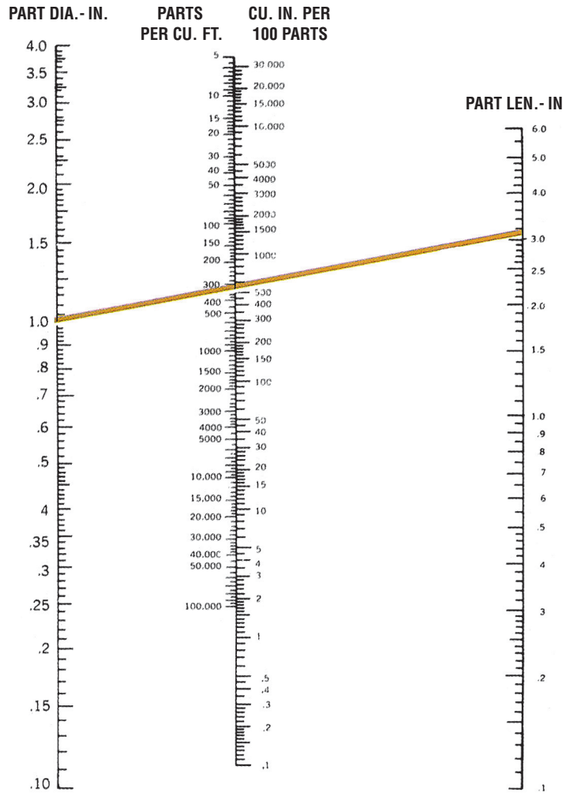
Model 2400
Parts fed: steering pinion shaft feeding an autolathe.

Model 2500
Disc orientor feeding a forming press.

Model 2500
Parts fed: hydraulic hose stem extrusions feeding a CNC lathe.



Feedall nomograph for determining hopper size for free flowing cylindrical parts



Use of the nomograph is illustrated by the example shown:

Diameter = 1.0 inch
Length = 3.0 inches
Space required for 100 parts = 520 cubic inches
Parts per cubic foot = 350

Send your parts feeding problem to us.
We'll need brief sketches or blueprints, along with sample parts to be fed. Our engineers will provide the experience and know-how needed to propose the most efficient and economical solution.

THE STANDARD OF THE INDUSTRY
Feedall automatic hopper feeders, made by a company that has been serving industry since 1946, are the most versatile and widely capable in their field. Feedall feeders are backed by a one year limited warranty and qualified field service personnel. *CHOOSE EXPERIENCE, CHOOSE QUALITY, CHOOSE FEEDALL FOR ALL YOUR PARTS FEEDING APPLICATIONS.*

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Reliable Automatic Parts Feeders Designed With Ingenuity

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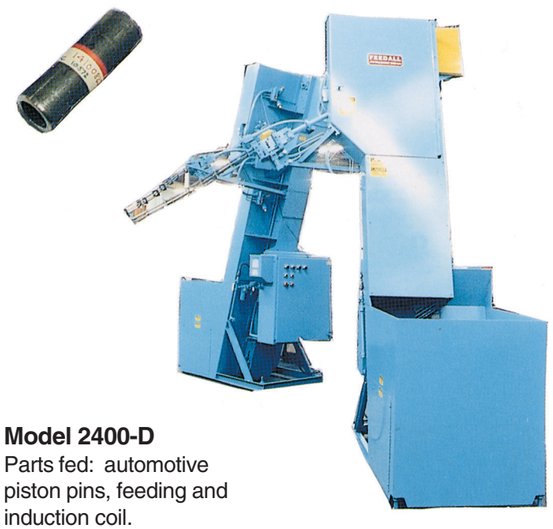
MODEL
2400-2700
SERIES

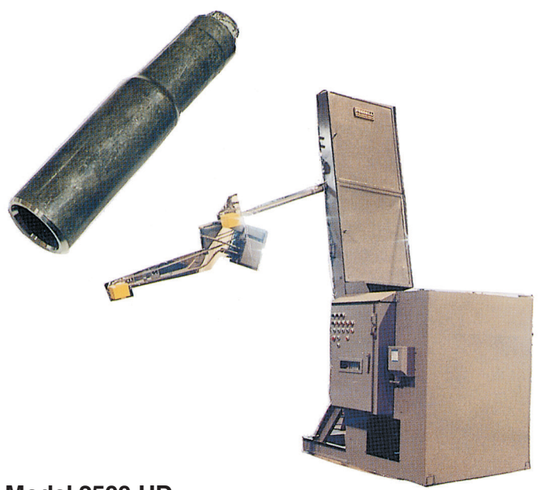
Hopper Feeders

Feedall designs and manufactures a complete line of hopper feeders which offer automatic handling of sliding, rolling or headed parts. The automatic hopper feeders are used with all types of grinders, presses, machining equipment and special machines. The automatic feeding process is proven to be more cost effective by eliminating expensive hand labor of feeding and saving time lost by handling parts manually.

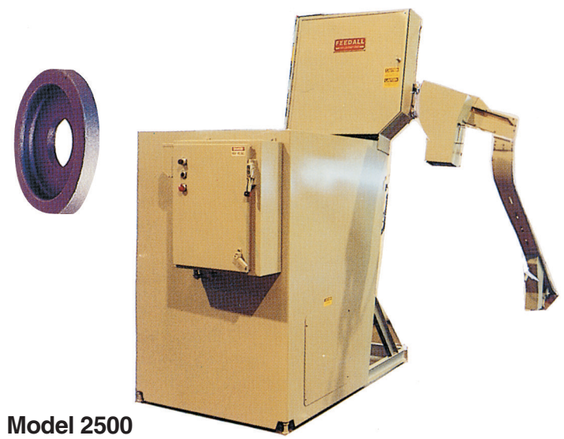


Model 2400-D
Parts fed: automotive piston pins, feeding and induction coil.

Model 2400-D
Parts fed: diesel engine valve lifters, feeding a centerless grinder.



Model 2500-HD
Parts fed & oriented: automotive bumper shock tubes.



Model 2500
Parts fed & oriented: transmission hub & ring gears.

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By serving as link between consecutive machine stations, Feedall hopper feeders cut operating costs through greater productivity and fewer man-hours. Automatic hopper feeding eliminates expensive hand labor of feeding and orienting and also saves the time otherwise lost by handling parts manually.

Feedall's automatic hopper feeders are used with all types of grinders, presses, machining equipment and special machines.

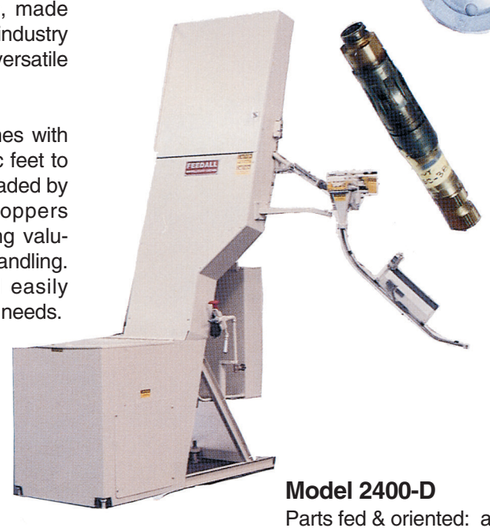
The standard of the industry

Feedall automatic hopper feeders, made by a company that has been serving industry for more than 40 years, are the most versatile and widely capable in their field.

Features every operation needs

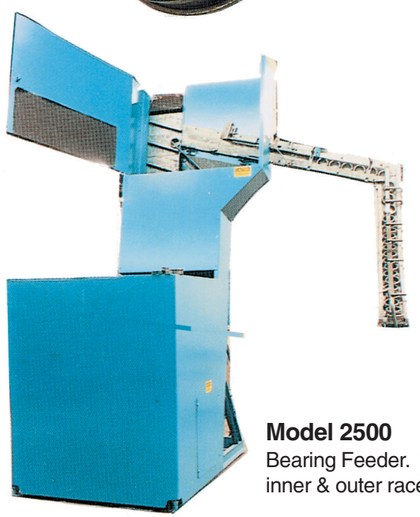
There are standard Feedall machines with hopper capacities ranging from 6 cubic feet to 40 cubic feet. The hoppers are floor-loaded by conveyor or bulk handling. The hoppers provide temporary bulk storage, saving valuable floor space and eliminating extra handling. Standard machines by be adapted easily and economically to meet your specific needs.

Model 2500
Parts fed: motor shaft blanks to a forging press.



Model 2500-C
Parts fed & oriented: clutch discs.

Model 2400-D
Parts fed & oriented: automotive steering pump shaft to a centerless grinder.



Model 2500
Bearing Feeder. Parts fed: inner & outer races.

Model 2500-D
c/w 1600 conveyor
Parts fed: conduit couplings to ass'y.

Model 2400-C
c/w Auxiliary Elevator
This machine is used when parts must be oriented and minimal part damages is required. Orienting is completed closer to hopper, thus return parts have a minimum distance to fall back to storage

Model 2500-HD
c/w two position robot pickup station. Parts fed and oriented: automotive front wheel drive spindle forgings, feeding a dual spindle CNC lathe via loader robot.

These features, common to all Feedalls, give you maximum productivity:

- **Proper part delivery** - Parts are oriented and placed in a chute, with right or left hand take-off, or two track delivery
- **"Custom" elevators** - Cleat height and spacing on elevators are designed to size of parts being fed. Only minimum maintenance is required for moving parts. Chutes, wear strips, cleats and tooling are hardened for extra long service.
- **Custom designed accessories** - Automatic bank controls, air operating devices, diverters, timing controls and other special equipment may be added with new tooling designs
- **Tooling plate** - This feature controls the rate at which parts fall into the hopper. For added protection, it may be easily equipped with polyurethane-lined baffles.
- **Adjustable elevation** - Height of the elevator tower may be varied to suit the application. Extra high discharge heights are available.
- **Speed Control** - Feed rate is determined by the speed of the elevating conveyor, which has a self-contained mechanical variable-speed drive or infinite speed D.C. drive optional. Handweel adjustment is easily accessible.

• Feeders for smaller parts

The Standard light-duty machine is a **Model 2400-C**, with hopper capacity of 6 cubic feet. It has a 6" wide elevating belt and occupies floor space of 30" by 60". Typical parts handled are ball studs, rods, inner and outer bearing races, trunnions and bushings.

For Larger work or higher feeding rates, the **Model 2400-D** has a 7 1/2" wide elevating belt.

• Heavy-duty feeders

Four larger models share a basic design.

Model 2500-C has a 14 cubic foot hopper, requires floor space of 48" by 64", and uses a 12" wide elevating belt. It feeds trunnions, slugs, ring and bearing parts.

Model 2500-D is identical to Model 2500-C except for its hopper capacity of 20 cubic feet.

Model 2600 with 20 cubic foot capacity, has an 18" wide belt and feeds pieces up to 10" long - large bearing races, motor shafts, shell blanks. Floor space: 60" by 72".

Model 2700 has a 24" wide belt for feeding extra large parts from 2 1/2" to 6 1/2" in diameter. Hopper capacity is 25 cubic feet and the machine needs floor space of 60" by 84".

Each machine is factory tested, using customer parts, to insure proper operation when installed.

Standard delivery is 12 to 14 weeks from date of order. Standard parts available from stock.