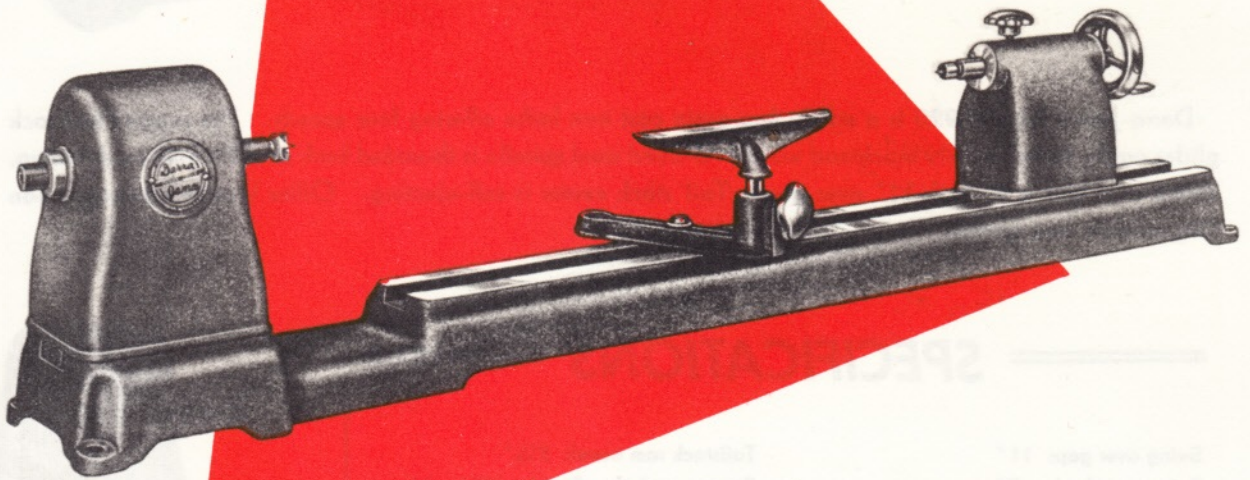


Darra-James



9" GAP BED LATHE

MODEL 920



The Ideal Woodworking Lathe

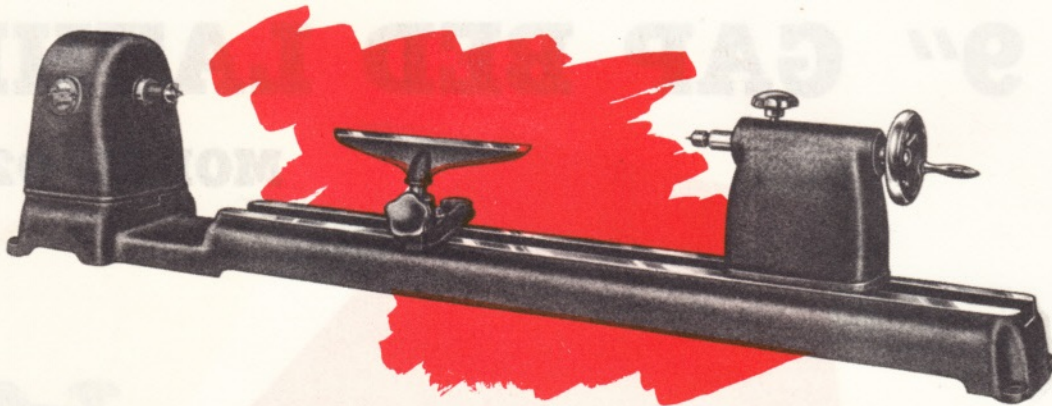
**PROFESSIONAL QUALITY, ECONOMY PRICED
9" SWING OVER WAYS, 11" OVER GAP
QUALITY CENTERS #1 MORSE TAPER
HEAVY CAST IRON CONSTRUCTION
LENGTH 47", HEIGHT 10"**

Specifications 

DARRA-JAMES

Model 920

GAP BED LATHE



Darra-James Model 920 is a sturdy fine grain cast iron lathe offering four speeds. The rugged tailstock glides easily on accurately machined ways. Ground steel spindle is threaded both ends for outboard turning. Swing over bed is 9" with 11" over gap. Tail stock center is self-ejecting. Oilite bronze bearings mean long trouble free service.

SPECIFICATIONS

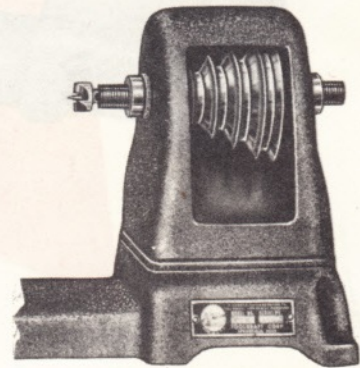
Swing over gap: 11"
Swing over bed: 9"
Distance between centers: 33"
Overall length: 47"
Height 10", Depth: 6 $\frac{3}{4}$ "
Spindle: $\frac{3}{4}$ "-16" right hand thread in-board, $\frac{3}{4}$ "-16 left hand outboard. (hole $\frac{3}{8}$ ")
Centers: #1 Morse taper. Tailstock center self ejecting.
Speeds: 860, 1340, 2220, 3450 with 1725 rpm motor.
Tool Rest: 8 $\frac{7}{8}$ " long.
Bearings: "Oilite" bronze.

Tailstock ram travel: 2 $\frac{1}{4}$ "
Recommended: Stand #374, Motor 1725 rpm 1/3 hp., belt 52" A-type.

AVAILABLE ACCESSORIES:

5", 6", 8", and 10" Face Plates,
8" and 10" Sanding Discs, Screw Center, Motors, Pulleys, Belts, Motor Rails, 4 jaw and 3 jaw chucks, wood turning tools, Jacobs chucks and adapters, stands. (See parts list for numbers and prices).

Net. Weight: 51 lbs.
Shipping Weight: 57 lbs.



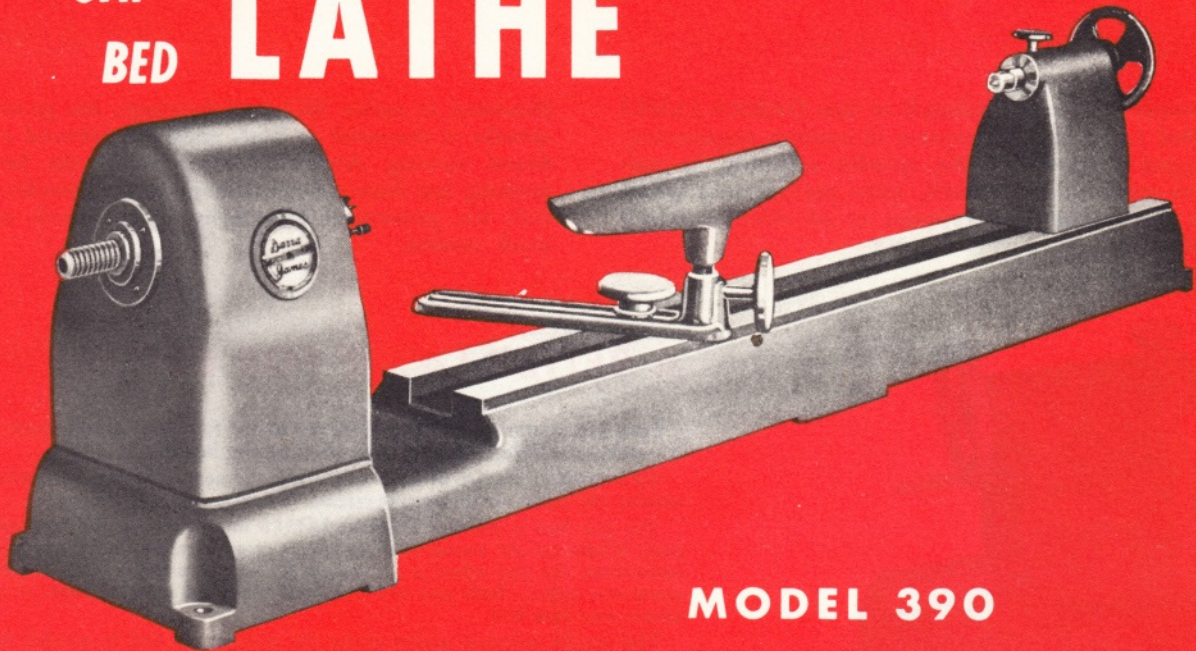
Big headstock cast in one piece with open back to permit easy access to spindle pulley.



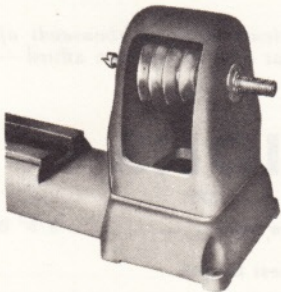
toolkraft CORPORATION
SPRINGFIELD, MASSACHUSETTS

Darra-James

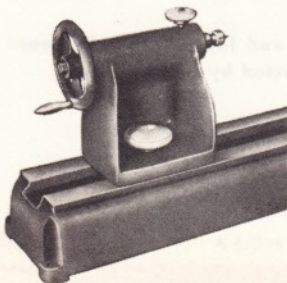
GAP BED LATHE



MODEL 390



Big headstock cast in one piece with open back to permit easy access to spindle pulley. No hood, no hinges.



Screw-type lock saves time in positioning tailstock. All locks on lathe alike. No wrenches necessary.

With a substantial lathe, wood turning is one of the most fascinating — *and one of the easiest* — of all wood working operations. If it is an art, it is largely the art of a competent machine.



The DARRA-JAMES Gap Bed Lathe turns out quality work because it was designed to do everything a machine can do to help the operator. In the words of professional shop men, "*It knows its business.*" Even beginners produce handsome turnings on this husky unit.

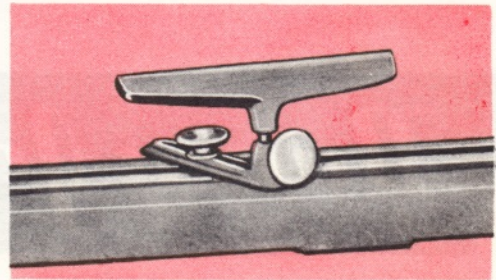
Sound engineering, high-grade materials and master craftsmanship combined to make the '390' an eminently superior tool.

DETAILS ON OTHER SIDE

Darra-James

GAP BED LATHE

MODEL 390

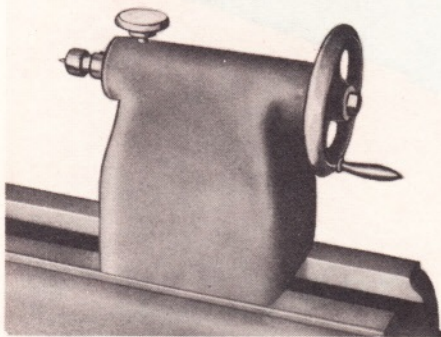


EXTRA WIDE TOOL REST

The 12" tool rest gives firm support to turning tools. Adjustable to any position.

The massive cast iron headstock of new DARRA-JAMES Gap Bed Lathe is a masterpiece of modern engineering. A rugged support for the spindle assembly, it contributes much to the smooth, quiet performance which makes this machine *far superior to all other economy-priced lathes.*

Mounted in sealed SKF ball bearings, the ground steel spindle is threaded at both ends for *inboard and outboard* turning. Accurately mounted in the headstock, nothing less than serious damage to the spindle can disturb the permanent alignment of headstock and tailstock centers.



RUGGED TAILSTOCK

Sturdy cast iron tailstock glides along wide bed ways. Control wheel ejects center.

A BETTER LATHE FOR BETTER WORK

Four (4) operating speeds are offered by the four-step spindle pulley, which is *easily accessible* from the open back of the headstock.

An important feature of the headstock is the new *indexing mechanism* which enables the operator to lay out circular work in equal divisions.

The *gap bed* is another DARRA-JAMES innovation in the economy-priced field. While the 10" swing over the bed is more than ample for normal turning operations, the gap offers a 12" swing for the occasional work requiring the extra two inches. Both gap and machined ways are integral parts of the long, heavy, cast iron bed.

The sturdy tailstock glides along the wide ways and is quickly locked in position. Engaging work is accomplished in a moment with the large control wheel. The tailstock ejects center.

Adjustable to any position, the extra wide (12") tool rest is rigid support for turning tools.

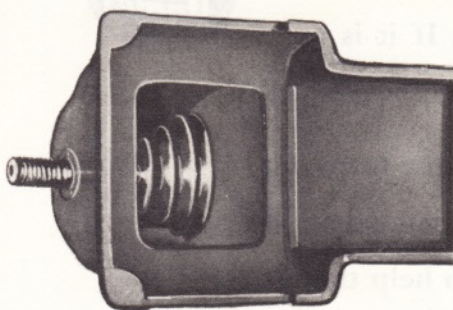
DARRA-JAMES Power Tools are giving efficient service in thousands of workshops. If you want shop-proved quality—at a price you can afford—make yours a DARRA-JAMES Gap Bed Lathe!

SPECIFICATIONS

Distance between centers 37"

Swing Over Gap	12"	Spindle Hole	3/8" Diam.
Swing Over Bed	10"	Tool Rest Length	12"
Bed Length	54"	Tailstock Ram Travel	2-1/8"
Spindle	Ground Steel 3/4"	Motors Recommended	1/3 or 1/2 h.p. 1725 RPM
	With 3/4"-16 Thread	Weight	70 lbs.
Spindle Speeds	700, 1250, 2350, 4250 RPM	Shpg. Wt.	Approx. 80 lbs.
Taper	#1 Morse Taper (Both Spindles)		

Indexing Mechanism in headstock, for dividing and lay-out . . . Outboard and inboard turning . . . Tailstock center ejected by turning wheel.



HEAVY CAST IRON BASE

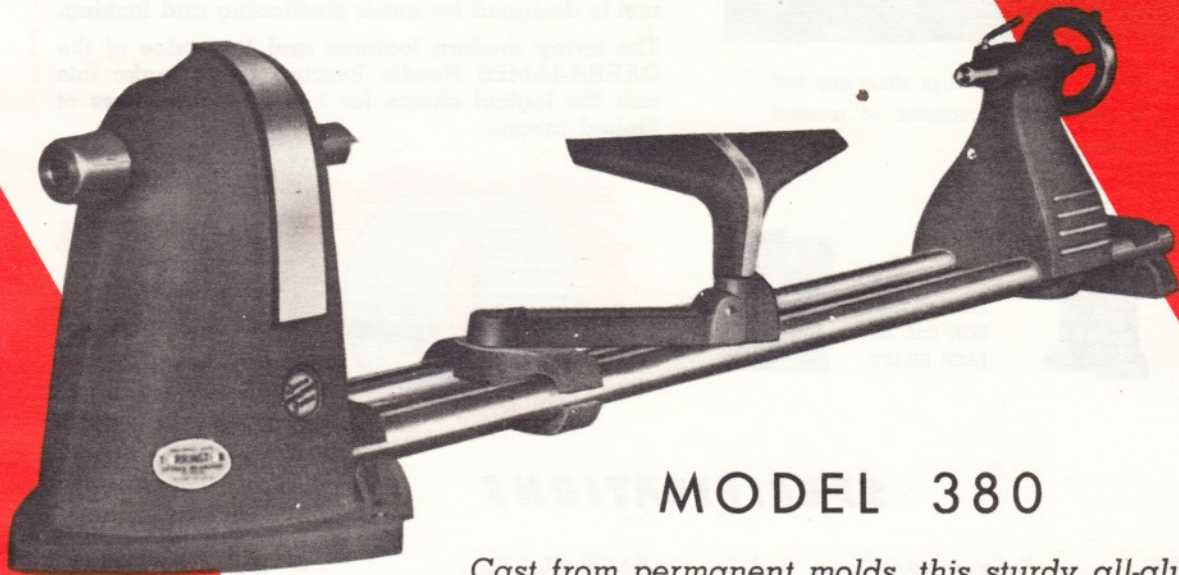
Massive base is solid foundation for operating units of machine. Gap and ways integral parts of casting.

Darra-James



Needle Bearing


LATHE



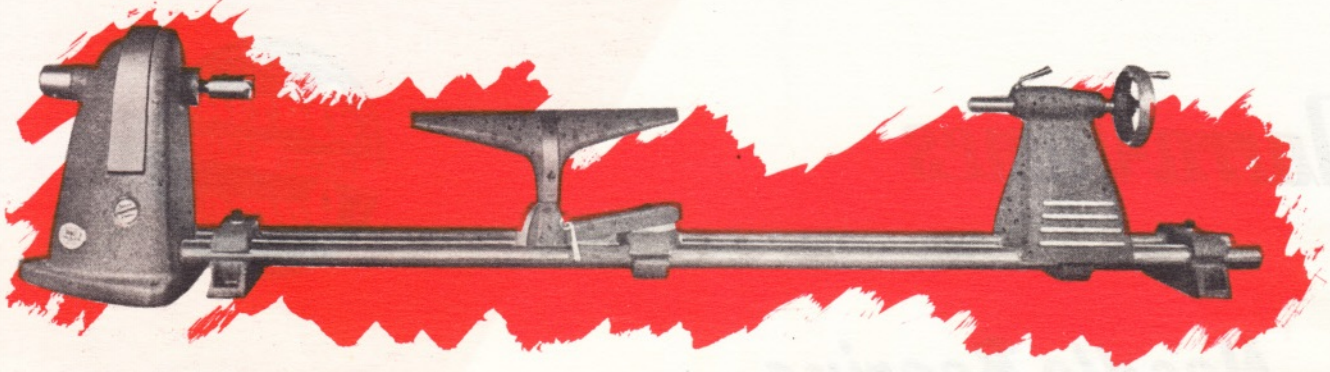
MODEL 380

Cast from permanent molds, this sturdy all-aluminum unit offers many functional features not to be found in any other economy priced woodworking lathe. Stability, long life and ease of operation are inherent in the simple, substantial construction of this fine machine.

In practical shop operations, the '380' is the most flexible home shop tool of its kind ever made and may be adjusted for much greater capacities than its normal 10½" swing over bed.

DETAILS OTHER SIDE 

MODEL 380 NEEDLE BEARING LATHE



PERFORMS GAP BED OPERATIONS



Separating headstock from bed ways offers gap bed effect . . . permits turning material of unusual diameters and length.

The $\frac{1}{2}$ " spindle is mounted in two needle bearings. Counter bored thrust ball bearings take all thrust strain.

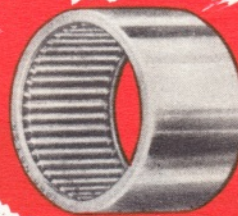
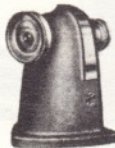
Bed ways are chrome-plated steel tubing held rigidly in place by solid aluminum clamps. Tailstock slides easily along the bed ways and is locked by a single clamp nut. The adjustable tool rest is designed for quick positioning and locking.

The many modern features and low price of the DARRA-JAMES Needle Bearing Lathe make this unit the logical choice for home woodworkers of limited means.

6" STANDARD
FACE PLATE
IS REGULAR
EQUIPMENT



POWER HEAD
CONVERTED
FOR USE AS
JACK SHAFT



Equipped with
TORRINGTON
NEEDLE
BEARINGS

SPECIFICATIONS

*CAPACITY	Swings $10\frac{1}{2}$ " over bed in normal position. When extended with headstock set off to provide open gap bed, capacity almost unlimited in practical terms.	FACE PLATE	6" diam., $\frac{1}{2}$ " bore.
BETWEEN CENTERS	33"	PULLEY	3-step: $1\frac{3}{4}$ ", $2\frac{1}{4}$ ", $2\frac{3}{4}$ " O.D.
HEADSTOCK	Designed for stability. Detachable to form full open gap bed for over-size work.	TAILSTOCK	Adjustable. Locked by clamp nut. Equipped with wheel feed.
SPINDLE	$\frac{1}{2}$ "	TOOLREST	10" wide. Quickly adjusted to any desired position.
ARBOR	$\frac{1}{2}$ "	MATERIAL	Aluminum. Cast from permanent molds.
BEARINGS	Torrington Needle and ball thrust bearings.	LENGTH	49"
		WIDTH	$8\frac{1}{4}$ "
		HEIGHT	$9\frac{3}{8}$ "
		SHIPPING WEIGHT	22 lbs.

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