



SHATTER LIMITS



GEAR HEAD ENGINE LATHES

OVERVIEW

Built to unleash more output every shift, Baileigh Gear Head Engine Lathes combine brute turning power with disciplined control. These are true shop workhorses, engineered for smooth, authoritative cuts, faster stops, and cleaner containment that keep operators locked in and production moving. With the muscle to handle larger parts and certifications that support safer workplaces, these lathes shatter the limits of legacy machines and expand shop capability without adding complexity or guesswork.

IDEAL FOR

- Production and Job Shops
- Maintenance, Repair, and Industrial Facilities
- Training Programs and Technical Schools
- Fabrication and Custom Shops
- Shops Upgrading Legacy Lathes

THE BAILEIGH ADVANTAGES

- **DOMINATE THE CUT WITH BUILT-IN SAFETY.** A standard safety package puts control first, including a foot brake for fast stops, chuck guard, lead screw cover to reduce preventable spindle-side mistakes.
- **CONTAIN THE MESS. KEEP THE PACE.** Integrated splash guard and chip tray manage chips and coolant at the source, keeping the work area cleaner and minimizing end-of-shift cleanup.
- **UNLEASH LONGER CUTS WITH COOLANT-READY PERFORMANCE.** A standard coolant system supports heavier workloads, longer run times, improved tool life, and consistent finishes on everyday production jobs.
- **BIG CAPACITY WHERE IT COUNTS.** Core geared-head models feature a 2 inch spindle bore to handle common bar work with confidence, while maintaining full guarding and lead screw protection.
- **CERTIFIED POWER WITH ROOM TO GROW.** UL 987 Certified electrical safety delivers compliance today, with a clear upgrade path through collet closers, taper attachments, and a standard 2-Axis SINO DRO.
- **HIT SIZE FASTER. MISS LESS.** The standard 2-Axis SINO DRO provides clear, real-time position feedback, helping operators lock in dimensions quickly and reduce reliance on manual measurements.



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GEAR HEAD ENGINE LATHES

DESCRIPTION	13"X40" GEAR HEAD LATHE	14"X40" GEAR HEAD LATHE
MODEL NO.	PL-1340E-1	PL-1440E-1
HP / PH	2 HP / 1 PH	3 HP / 1 PH
SPINDLE BORE	2"	2"
SPINDLE NOSE	D1-5	D1-5
NUMBER OF SPEEDS	8	8
SPINDLE SPEEDS	70-2000 RPM	90-1800 RPM
SWING OVER GAP	16.9"	19.7"
CHUCK GUARD	Yes	Yes
LEAD SCREW COVER	Yes	Yes
FOOT BRAKE	Yes	Yes
2-AXIS DRO	2-Axis Sino	2-Axis Sino
CSA/UL CERTIFIED	Yes	Yes
WARRANTY	1-Year Parts	1-Year Parts
COUNTRY OF ORIGIN	China	China



2" SPINDLE BORE

Handle larger stock, reducing secondary operations and expanding job capability.



2-AXIS DRO

Provides real-time digital readouts for both axes, helping operators make faster, more accurate measurements.



FULL LENGTH SPLASH GUARD AND CHIP TRAY

Contains chips and coolant to keep the work area cleaner, reduce cleanup time.



CHUCK GUARD

Adds a protective barrier at the point of operation.

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