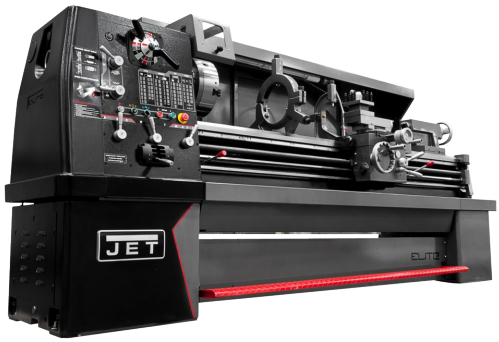
# EGH-2180 WITH ACU-RITE 303 DRO WITH COLLET CLOSER

892639

When precision matters the most. The large spindle bore Elite lathes are the signature machines within the Elite lathe lineup. Engineered to meet world-class tolerances for spindle run out, bed alignment, and bed-way parallelism, these lathes take Precision, durability and safety, beyond what the market needs




## FEATURES

- Anti-Float design eliminates backlash in the cross slide
- Certified Meehanite® Castings
- Certified Meehanite® castings retain their tolerances and remain rigid through many years of machining
- Front facing chip pan allows easy chip removal from the front of the machine
- Full Length Splash Guard
- Fully lit with CNC style lighting, the enclosed full length splash guard is expertly designed to contain all chips and coolant
- Hardened and ground bedways
- Hardened and ground bedways provide accurate longitudinal movements
- Hardened and ground gears in headstock reduce vibration and deflection
- Matrix® Disc Clutch permits the changing of gears without stopping the motor, reducing wear
- One-Shot lubrication in the carriage reduces maintenance
- Overlaod clutch at feed shaft prevents the carriage from crashing into the chuck
- Shear pin in the lead screw disengages the feed when overloaded, preventing damage to the apron and headstock
- Steady Rest-Ball Bearing
- Steady rests feature ball bearing guides for smooth material movements
- Turcite-B coating between bed and carriage provides friction free motion in all linear directions
- Wider bedways absorb vibration

## INDUSTRY LEADING WARRANTY AND SERVICE

All Elite Machinery is backed by a 3 Year Parts and Labor Warranty. The Elite 3-Year Warranty is backed by JET with over 55 years of providing unparalleled service and support. Contact 1-855-336-4032 for more information.

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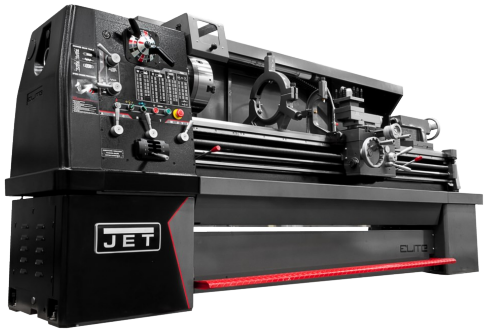
## SPECIFICATIONS




| | |
|---|---|
| Size | 21 x 80 |
| Style (Type) | Engine |
| Swing Over Bed (In.) | 21 |
| Number of Spindle Speeds | 16 |
| Swing Over Cross Slide (In.) | 14 |
| Swing Through Gap (In.) | 31-1/9 |
| Diametrial Pitch Threads Number | 21 |
| Length of Gap (In.) | 9-5/6 |
| Modular Pitch Threads Number | 18 |
| Spindle Bore (In.) | 3-1/8 |
| Spindle Mount | D1-8 |
| Weight (Lbs.) | 6613 |
| Ampearge Draw @ 230V 3Ph | 36 |
| Amperage Draw @ 460V 3Ph | 18 |
| Range of Spindle Speeds (RPM) | 20 - 1,600 |
| Spindle Taper with Sleeve | MT-7 |
| Range of Longitudinal Feeds (IPR) | 0.0015 - 0.04 |

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## FULL SERIES

| STOCK NO | MODEL NO | SIZE | STYLE (TYPE) | NUMBER OF SPINDLE SPEEDS | SWING OVER BED (IN.) | SWING OVER CROSS SLIDE (IN.) |
|---|---|---|---|---|---|---|
| 892503 | EGH-1740 | 17 x 40 | Engine | 12 | 17 | 11 |
| 892505 | EGH-1740 | 17 x 40 | Engine | 12 | 17 | 11 |
| 892504 | EGH-1740 | 17 x 40 | Engine | 12 | 17 | 11 |
| 892506 | EGH-1740 | 17 x 40 | Engine | 12 | 17 | 11 |
| 892508 | EGH-1740 | 17 x 40 | Engine | 12 | 17 | 11 |
| 892510 | EGH-1740 | 17 x 40 | Engine | 12 | 17 | 11 |
| 892507 | EGH-1740 | 17 x 40 | Engine | 12 | 17 | 11 |
| 892509 | EGH-1740 | 17 x 40 | Engine | 12 | 17 | 11 |
| 892501 | EGH-1740 | 17 x 40 | Engine | 12 | 17 | 11 |
| 892511 | EGH-1740 | 17 x 40 | Engine | 12 | 17 | 11 |
| 892513 | EGH-1740 | 17 x 40 | Engine | 12 | 17 | 11 |
| 892512 | EGH-1740 | 17 x 40 | Engine | 12 | 17 | 11 |
| 892514 | EGH-1740 | 17 x 40 | Engine | 12 | 17 | 11 |
| 892502 | EGH-1740 | 17 x 40 | Engine | 12 | 17 | 11 |
| 892500 | EGH-1740 | 17 x 40 | Engine | 12 | 17 | 11 |
| 892100 | EGH-1740 | 17 x 40 | Engine | 12 | 17 | 11 |
| 892553 | EGH-1760 | 17 x 60 | Engine | 12 | 17 | 11 |
| 892555 | EGH-1760 | 17 x 60 | Engine | 12 | 17 | 11 |
| 892554 | EGH-1760 | 17 x 60 | Engine | 12 | 17 | 11 |
| 892556 | EGH-1760 | 17 x 60 | Engine | 12 | 17 | 11 |
| 892551 | EGH-1760 | 17 x 60 | Engine | 12 | 17 | 11 |
| 892561 | EGH-1760 | 17 x 60 | Engine | 12 | 17 | 11 |

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## FULL SERIES

| STOCK NO | MODEL NO | SIZE | STYLE (TYPE) | NUMBER OF SPINDLE SPEEDS | SWING OVER BED (IN.) | SWING OVER CROSS SLIDE (IN.) |
|---|---|---|---|---|---|---|
| 892552 | EGH-1760 | 17 x 60 | Engine | 12 | 17 | 11 |
| 892550 | EGH-1760 | 17 x 60 | Engine | 12 | 17 | 11 |
| 892150 | EGH-1760 | 17 x 60 | Engine | 12 | 17 | 11 |
| 892603 | EGH-1880 | 18 x 80 | ELITE Geared Head Clutch | 16 | 18 | 11 |
| 892605 | EGH-1880 | 18 x 80 | ELITE Geared Head Clutch | 16 | 18 | 11 |
| 892604 | EGH-1880 | 18 x 80 | ELITE Geared Head Clutch | 16 | 18 | 11 |
| 892606 | EGH-1880 | 18 x 80 | ELITE Geared Head Clutch | 16 | 18 | 11 |
| 892607 | EGH-1880 | 18 x 80 | ELITE Geared Head Clutch | 16 | 18 | 11 |
| 892609 | EGH-1880 | 18 x 80 | ELITE Geared Head Clutch | 16 | 18 | 11 |
| 892608 | EGH-1880 | 18 x 80 | ELITE Geared Head Clutch | 16 | 18 | 11 |
| 892610 | EGH-1880 | 18 x 80 | ELITE Geared Head Clutch | 16 | 18 | 11 |
| 892601 | EGH-1880 | 18 x 80 | ELITE Geared Head Clutch | 16 | 18 | 11 |
| 892611 | EGH-1880 | 18 x 80 | ELITE Geared Head Clutch | 16 | 18 | 11 |
| 892613 | EGH-1880 | 18 x 80 | ELITE Geared Head Clutch | 16 | 18 | 11 |
| 892612 | EGH-1880 | 18 x 80 | ELITE Geared Head Clutch | 16 | 18 | 11 |
| 892614 | EGH-1880 | 18 x 80 | ELITE Geared Head Clutch | 16 | 18 | 11 |
| 892602 | EGH-1880 | 18 x 80 | ELITE Geared Head Clutch | 16 | 18 | 11 |
| 892600 | EGH-1880 | 18 x 80 | ELITE Geared Head Clutch | 16 | 18 | 11 |
| 892200 | EGH-1880 | 18 x 80 | ELITE Geared Head Clutch | 16 | 18 | 11 |
| 892653 | EGH-21120 | 21 x 120 | ELITE Geared Head Clutch | 16 | 21 | 14 |
| 892655 | EGH-21120 | 21 x 120 | ELITE Geared Head Clutch | 16 | 21 | 14 |
| 892654 | EGH-21120 | 21 x 120 | ELITE Geared Head Clutch | 16 | 21 | 14 |

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## FULL SERIES

| STOCK NO | MODEL NO | SIZE | STYLE (TYPE) | NUMBER OF SPINDLE SPEEDS | SWING OVER BED (IN.) | SWING OVER CROSS SLIDE (IN.) |
|---|---|---|---|---|---|---|
| 892657 | EGH-21120 | 21 x 120 | ELITE Geared Head Clutch | 16 | 21 | 14 |
| 892659 | EGH-21120 | 21 x 120 | ELITE Geared Head Clutch | 16 | 21 | 14 |
| 892658 | EGH-21120 | 21 x 120 | ELITE Geared Head Clutch | 16 | 21 | 14 |
| 892660 | EGH-21120 | 21 x 120 | ELITE Geared Head Clutch | 16 | 21 | 14 |
| 892651 | EGH-21120 | 21 x 120 | ELITE Geared Head Clutch | 16 | 21 | 14 |
| 892661 | EGH-21120 | 21 x 120 | ELITE Geared Head Clutch | 16 | 21 | 14 |
| 892663 | EGH-21120 | 21 x 120 | ELITE Geared Head Clutch | 16 | 21 | 14 |
| 892662 | EGH-21120 | 21 x 120 | ELITE Geared Head Clutch | 16 | 21 | 14 |
| 892664 | EGH-21120 | 21 x 120 | ELITE Geared Head Clutch | 16 | 21 | 14 |
| 892652 | EGH-21120 | 21 x 120 | ELITE Geared Head Clutch | 16 | 21 | 14 |
| 892650 | EGH-21120 | 21 x 120 | ELITE Geared Head Clutch | 16 | 21 | 14 |
| 892270 | EGH-21120 | 21 x 120 | ELITE Geared Head Clutch | 16 | 21 | 14 |
| 892633 | EGH-2180 | 21 x 80 | Engine | 16 | 21 | 14 |
| 892635 | EGH-2180 | 21 x 80 | Engine | 16 | 21 | 14 |
| 892634 | EGH-2180 | 21 x 80 | Engine | 16 | 21 | 14 |
| 892636 | EGH-2180 | 21 x 80 | Engine | 16 | 21 | 14 |
| 892637 | EGH-2180 | 21 x 80 | Engine | 16 | 21 | 14 |
| 892639 | EGH-2180 | 21 x 80 | Engine | 16 | 21 | 14 |
| 892638 | EGH-2180 | 21 x 80 | Engine | 16 | 21 | 14 |
| 892640 | EGH-2180 | 21 x 80 | Engine | 16 | 21 | 14 |
| 892631 | EGH-2180 | 21 x 80 | Engine | 16 | 21 | 14 |
| 892641 | EGH-2180 | 21 x 80 | Engine | 16 | 21 | 14 |

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## FULL SERIES

| STOCK NO | MODEL NO | SIZE | STYLE (TYPE) | NUMBER OF SPINDLE SPEEDS | SWING OVER BED (IN.) | SWING OVER CROSS SLIDE (IN.) |
|---|---|---|---|---|---|---|
| 892642 | EGH-2180 | 21 x 80 | Engine | 16 | 21 | 14 |
| 892632 | EGH-2180 | 21 x 80 | Engine | 16 | 21 | 14 |
| 892630 | EGH-2180 | 21 x 80 | Engine | 16 | 21 | 14 |
| 892250 | EGH-2180 | 21 x 80 | ELITE Geared Head Clutch | 16 | 21 | 14 |

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