

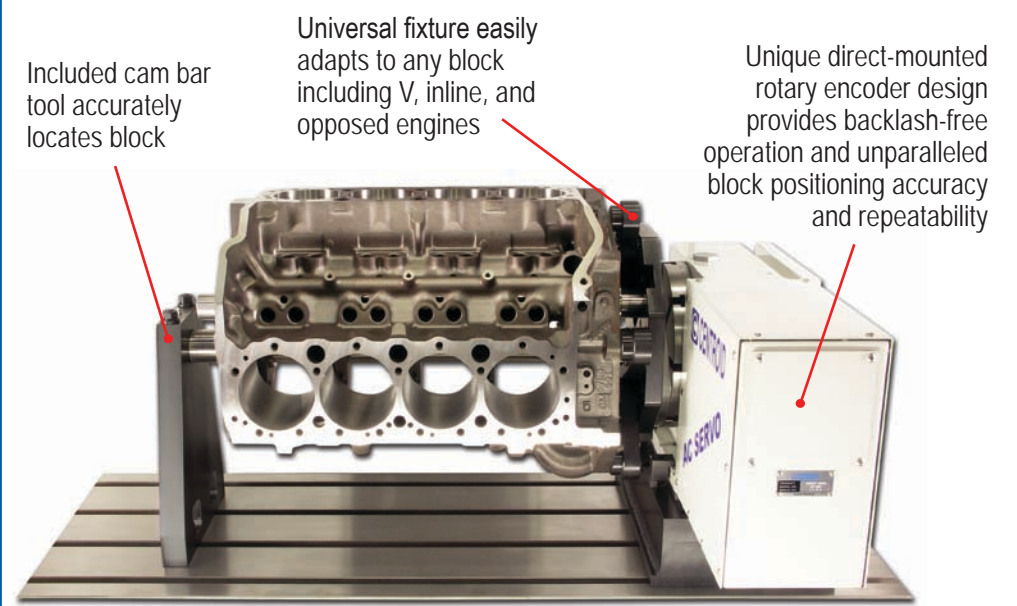
The CENTROID DRX-750 CNC/Manual Hybrid Engine Block Machine: Offering more features and a better value than any other manual machine available today, the 4-Axis DRX-750 is as close as you can get to full CNC at a fraction of the price. We have combined a rigid box-way frame, inverter duty dual-range spindle, 3-axis power-feed, programmable 4-axis touch screen DRO with summing of the quill, and a 250mm CNC rotary block fixture with programmable indexing CNC control. And because it's a CENTROID, the DRX-750 comes complete with a comprehensive tooling package, personalized onsite training, and the industry-leading service and support you need to be successful. Contact your CENTROID representative today!

DRX-750 Machine Specifications:

Table Size:	16" x 54" (406 x 1372mm)
Longitudinal travel (X):	40" (1016mm)
Cross travel (Y):	18" (457mm)
Vertical travel (Z):	34" (838mm)
Manual quill travel:	6" (152mm)
Spindle nose to table top:	38" (965mm)
Spindle center to column:	21" (533mm)
Maximum table load:	2640lbs (1200kg)
Spindle power:	7.5HP (5.6kW)
Spindle taper:	CAT40
Spindle speed:	6,000 RPM
Transmission of spindle & motor:	2 Speed (Hi/Lo) Inverter Duty
Power feed (X,Y,Z):	0.2 - 47ipm Variable, 95ipm rapid
Resolution:	0.0002" (0.006mm)
Lubrication pump:	1/8 HP (94w)
Power requirement:	50-60Hz, 220v, 1 or 3 Phase
Air requirement:	90-100 PSI, 6.2-6.8 Bar
Machine footprint:	122"W x 78"L x 117"H (3100 x 1981 x 2972mm)
Shipping footprint:	91"W x 84"L x 108"H (2312 x 2134 x 2744mm)
Weight:	5,280 lbs (2400kg)
Boring diameter range:	0.984" - 1.26" (25-32mm), 2.68" - 5.91" (68-151mm)*
Boring depth (max):	9.5" (242mm)*
Milling width (max):	12" (305mm)*

*as tooled

Universal Block Fixture



Warranty:

One year standard warranty for parts, labor, and technical support

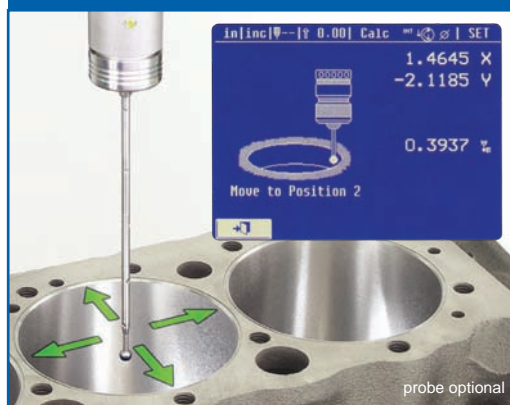
Standard Tooling Package



Included Standard Tooling Package*:

- Cylinder Boring Tool
- Tool Setting Micrometer
- 12" Deck Surfacing Tool
- Lifter Boring Tool & Lifter Spot Facing Tool
- Cylinder Bore Chamfering Tool
- Main Cap Conversion Tooling
- Coaxial Dial Indicator

Touch Probe



With the CENTROID touch probe, part and fixture setup has never been easier or more accurate on a manual machine. The DRO's canned probing cycles allow you to quickly find bore centers, measure deck heights, verify deck angles and more.



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CENTROID™

DRX-750
CNC/Manual Hybrid Engine Block Machine



Introducing the **CENTROID DRX-750** The next evolution of computer-assisted manual machining.

Turnkey System Includes:

- ✓ Rigid Box-Way Manual Machine
- ✓ 4-Axis Digital Read Out
- ✓ Programmable 4th Axis CNC Rotary Indexing Controller
- ✓ Universal CNC Block Fixture
- ✓ Comprehensive Tooling Package
- ✓ On-Site Personalized Training
- ✓ Industry-Leading Service & Support

Personalized Training



Our factory-trained and certified technicians will get you up to speed fast, producing your race-winning designs. Training takes place at your shop, on your machine, putting you straight into production.

+/- 90° tilting head for milling/boring at any angle

Coolant system included

IP67, fully submersible glass-free linear encoders provide 0.0002" accuracy on all axes

Universal block fixture with ultra-precise 250mm CNC rotary table

Variable power feed with rapid on all axes

Manual handwheels offer precise control of all axes

Meehanite cast iron box-way frame offers superior accuracy and rigidity

7.5HP 6000RPM Inverter Duty Spindle

Linear encoder on quill provides Z-axis summing

Full 6" of quill travel

Probe equipped DRO dramatically increases speed and precision



CENTROID's programmable CNC rotary indexer provides never-before-seen flexibility and accuracy on a manual engine block machine. Quickly and accurately position blocks for cylinder boring, lifter boring, surfacing and more. Programs can be easily saved to optimize productivity and repeatability.



The 4-axis DRO features a touch screen control with feedrate display, part/fixture probing, and canned-cycle programming with a graphical display of toolpath movement and auditory feedback.



The included control panel with heavy-duty floor stand gives you total control of your machine.



Cylinder Boring



Deck Surfacing



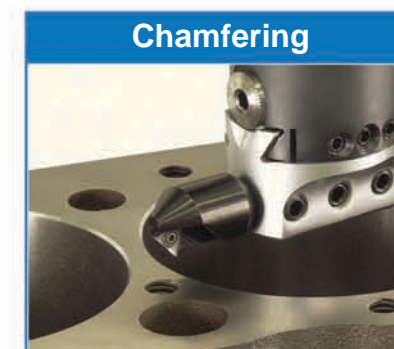
Lifter Boring



Spot Facing



Main Cap Conversion



Chamfering



O-Ring Grooving

requires optional tooling