

Hydrokor III In-plant Coring Machine

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The Hydrokor III is the fastest, most versatile, highest volume core drilling machine available. With up to 8 drill bits mounted on its rotating turret, a heavy-duty hydraulic power unit, and a four-speed transmission, the Hydrokor III quickly cores manhole after manhole, day in and day out.

The optional Digital Package makes the Hydrokor III even more efficient. Featuring digital elevation and turntable displays for quick, accurate positioning, and a control that allows the user to easily set an auto-retract position.

FEATURES

4 to 8 spindle options available

Internal frame allows full bit rotation and an open machine platform with walkway

V-Rail traversing system for multiple turntables

POWER UNIT

20 HP heavy-duty power/control unit with premium quality components

Unit can be field configured for left or right-hand control

Digital turntable display

Rugged Gresen heavy-duty equipment valves

Hydraulic Auto-Feed System

Optional Digital Elevation and Feed Digital Displays with user set Auto Retract

TURNTABLE:

4 inch tall positioners allow fork lift to drop and lift directly from table

Independent 90 inch diameter turntable design allows for flexible configurations

Synchro Drive Encoder System for turntable digital readout.

FEED FRAME

47 inch feed with Sheffer hydraulic cylinder

V-Groove rollers with heavy-duty, double-taper bearings

Extra-heavy 22 pound per foot steel rail frame

ELEVATION FRAME

Drill center line to manhole positioned is 8 inches – 73 inches (65 inch net stroke)

Hydraulic cylinders for rapid elevation adjustment

Counter-balance safety valve for fail-safe operation

Solid elevation posts for improved stiffness and reduced vibration

DRIVE TRAIN

Ultra solid drive platform made from solid steel for smooth coring

Heavy-duty water swivel with ball bearing construction and replaceable seals

Four-speed, heavy-duty, Funk/John Deere® HMD 12700 transmission

