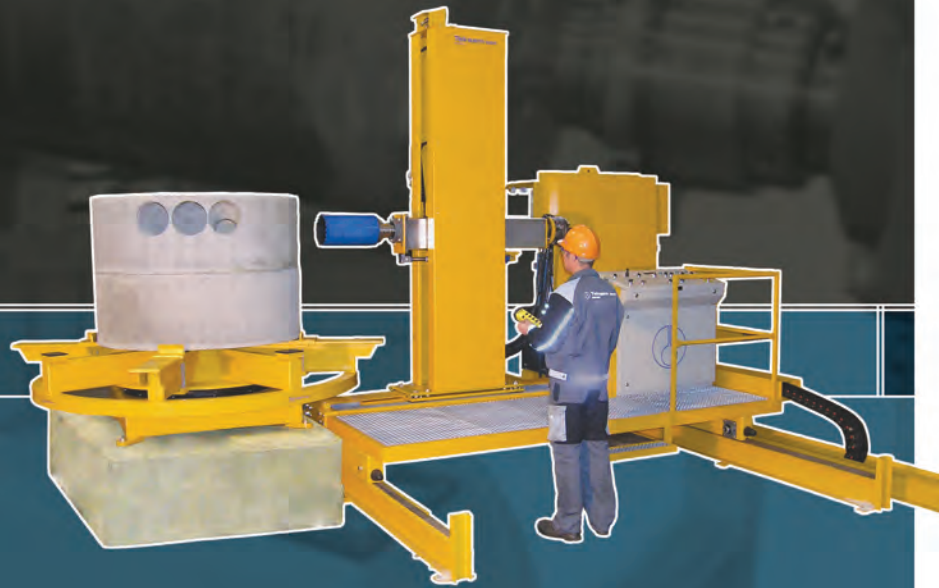




Teksam aps

hydraulic coring machines





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hydraulic coring machines

The HC:

Teksam's Original Coring Machine

The HC was designed for the producer who has a limited number of holes to drill. The basic model has a simple control box and a three-step drilling speed to efficiently core holes in manholes, pipes, and other structures. Movements such as drilling height, turntable adjustment, and positioning of the drill tower are manually controlled.

HC standard features

- Turntable for covering up to 1800 mm (72 inches) OD products
- Three-step drilling speed
- Manual speed and drilling pressure control with load sensing and adjustment technology
- Manual control of drill station movements
- Holes up to 500 mm (20 inches)
- Threaded post for mounting drill bits
- Maximum standard drilling height from table: 1000 mm (40 inches)

HC optional features

- Pneumatic ejector for cored concrete block
- Motor sizes for holes up to 1000 mm (40 inches)
- Quick lock drill bit mounting
- Extended drilling height (centerline) from table to 1800 mm (70 inches)
- Hydraulic drive on turntable
- Hydraulic tower positioning
- Hydraulic control of drilling height
- Drilling depth control

The HCS:

Precision Performance Made Portable!

The latest evolution of the HC line, this station features hydraulic movements of the turntable, drilling height, and drill tower position. The control panel provides a visual display of the drilling height and drilling angle. In the standard configuration, the machine is equipped with a three-step drilling speed. Infinite speed control is available as an option.

The entire station is mounted on a self-supporting frame for easy movement in the plant or transportation to other locations.

HCS standard features

- Turntable for covering up to 1800 mm (72 inches) OD products
- Drilling height up to 1800 mm (70 inches) from table
- Three-step drilling speed with load sensing and adjustment technology
- Manual speed and drilling pressure control
- Hydraulic control of all drill station movements including turntable, drilling height, and tower position
- Control panel readouts for drilling height and drilling angle
- Motor sizes for holes up to 600 mm (24 inches)
- Threaded post for mounting drill bits

HCS optional features

- Pneumatic ejector for cored concrete block
- Motor sizes for holes up to 1500 mm (60 inches)
- Quick lock drill bit mounting
- Turntable for covering up to 2900 mm (114 inches) OD products



« HCS

A quality coring machine...

... balances both speed and pressure control of the drill bit. The ability to control both functions independently allows the diamond bits to clean themselves during drilling, provides maximum bit lifetime, and ensures optimal efficiency. It also allows the operator to leave the machine during drilling.

Extended drilling height to 3500 mm (137 inches)

Hydraulic control of drill tower movements



Wireless remote control



Control panel readouts for drilling height and angle

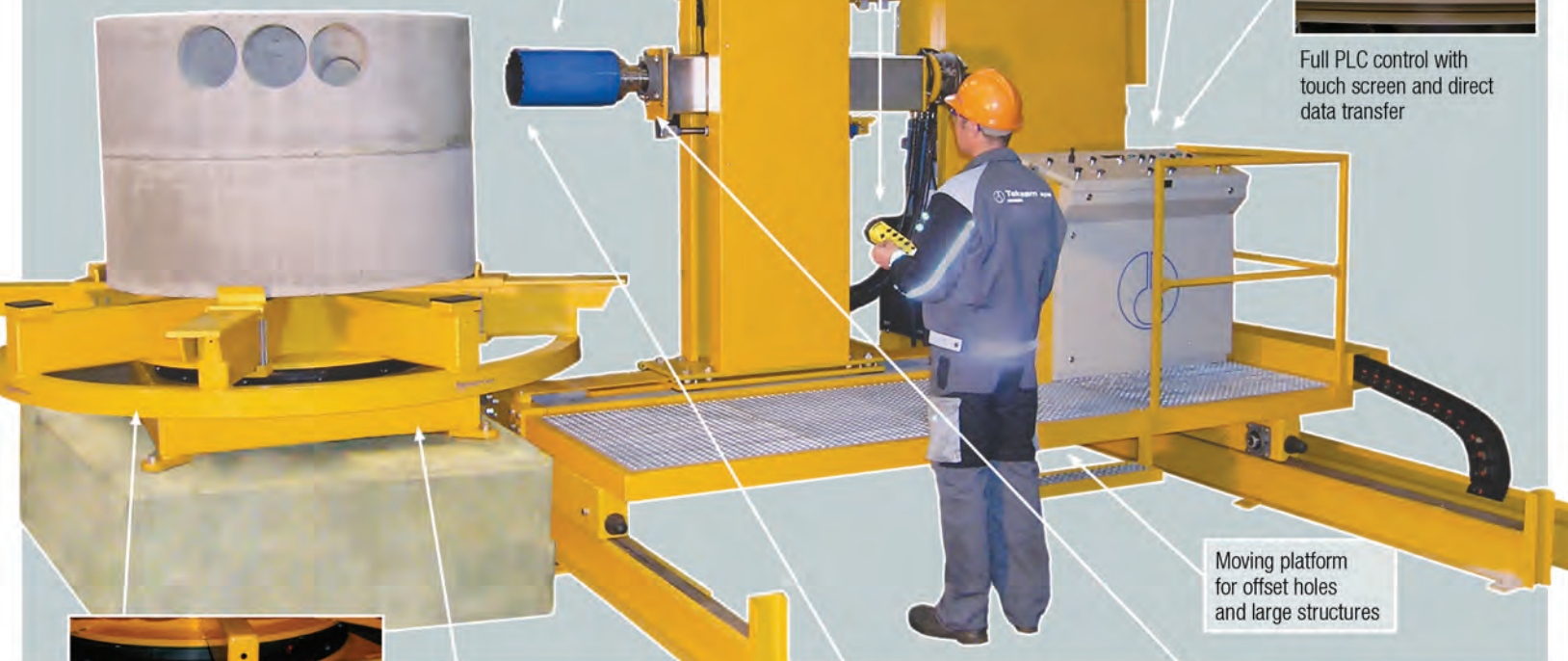


Laser line sensor and laser drilling height measurement

Independent speed and pressure control of drill bit (holes up to 1500 mm)



Full PLC control with touch screen and direct data transfer



Moving platform for offset holes and large structures



Hydraulic control of turntable

Turntable sizing to 3700 mm (144 inches)

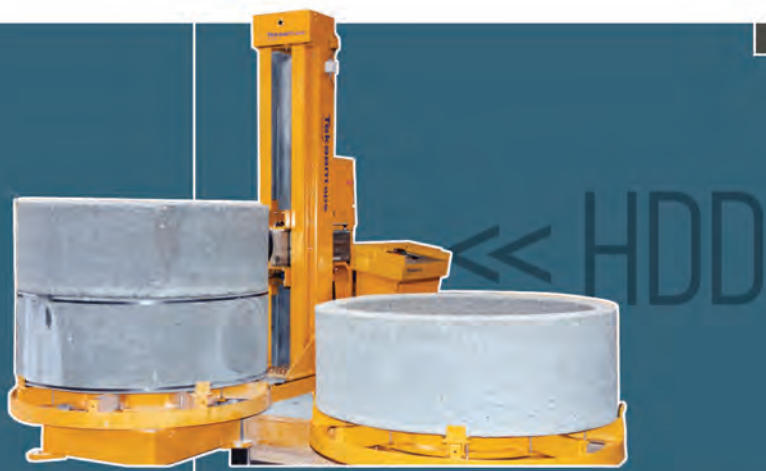
Multiple second turntable available for continuous production



Pneumatic ejector for cored concrete block

Quick lock drill bit mounting





The HCSM:

Expanded Features, More Flexibility

The HCSM takes the HCS drilling station one step further by mounting it on a moving platform. This allows for drilling offset holes and drilling in large structures, including non-circular structures such as septic tanks. The design gives the producer greater flexibility in their drilling operations.

HCSM standard features

- Turntable for covering up to 3000 mm (120 inches) OD products
- Drilling height up to 1800 mm (70 inches) from table
- Infinite drilling speed and pressure control with automated sensing and adjustment
- Hydraulic control of all drill station movements including turntable, drilling height, tower position, and lateral positioning for offset holes
- Control panel readouts for drilling height and drilling angle
- Motor sizes for holes up to 1500 mm (60 inches)
- Threaded post for mounting drill bits

HCSM optional features

- Pneumatic ejector for cored concrete block
- Extended drilling height (centerline) from table up to 3500 mm (137 inches)
- PLC control for full automation
- Laser line sensor and laser drilling height measurement
- Wireless remote control
- Direct data transfer (requires PLC control option)
- Turntable for covering up to 3700 mm (144 inches) OD products

The HDD:

The Ultimate in Production Efficiency

The HDD is the same as the HCSM but it employs a double turntable. An operator can remove and replace a cored element while another section is being cored. This allows near continuous production possibilities.

HDD standard features

- Two turntables for covering up to 3000 mm (120 inches) OD products
- Drilling height up to 1800 mm (70 inches) from table
- Hydraulic control of drill station movements
- PLC control for full automation
- Control panel readouts for drilling height and drilling angle
- Motor sizes for holes up to 1500 mm (60 inches)
- Threaded post for mounting drill bits

HDD optional features

- Pneumatic ejector for cored concrete block
- Extended drilling height (centerline) from table up to 3500 mm (137 inches)
- Laser line sensor and laser drilling height measurement
- Quick lock drill bit mounting
- Wireless remote control
- Direct data transfer
- Turntables for covering up to 3700 mm (144 inches) OD products

Machines Built to Fit Your Company

Teksam has a solid reputation for innovative engineering. When our customers need special solutions, we design and build machines that get the job done. For example, as per a customer's request, we designed a machine that features two drill stations, allowing an operator to drill two holes in one element simultaneously. That successful project is just one of many Teksam custom solutions. Let us put our experience and expertise to work for you.

A world leader.

Teksam designs and builds high-performance equipment for the precast concrete industry. Based in Denmark, we have been engineering manufacturing systems for over 25 years. Our innovations and dedicated service to our customers have made us the premier choice for companies worldwide.

There are now over 100 Teksam machines operating in North America. They produce products from small to large, from meter boxes to box culverts.

High Performance to the Core

Our first coring machine was designed and built in 1989. Since then, we have engineered a full line of hydraulic powered stations designed to core most sizes and types of precast elements. Each machine is built for easy operation, low maintenance, and long, durable service.

Teksam coring machines have introduced several improvements and efficiency functions including:

- Automated control of the drilling height, depth, angle, and speed
- Full remote radio control
- A quick lock system that allows the operator to change out the drill heads in seconds
- Extended drill bit life

Your cutting edge

At Teksam, our mission is to build the finest performing, most dependable coring machines in the world. We deliver the service and the solutions to maximize our customers' success.





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