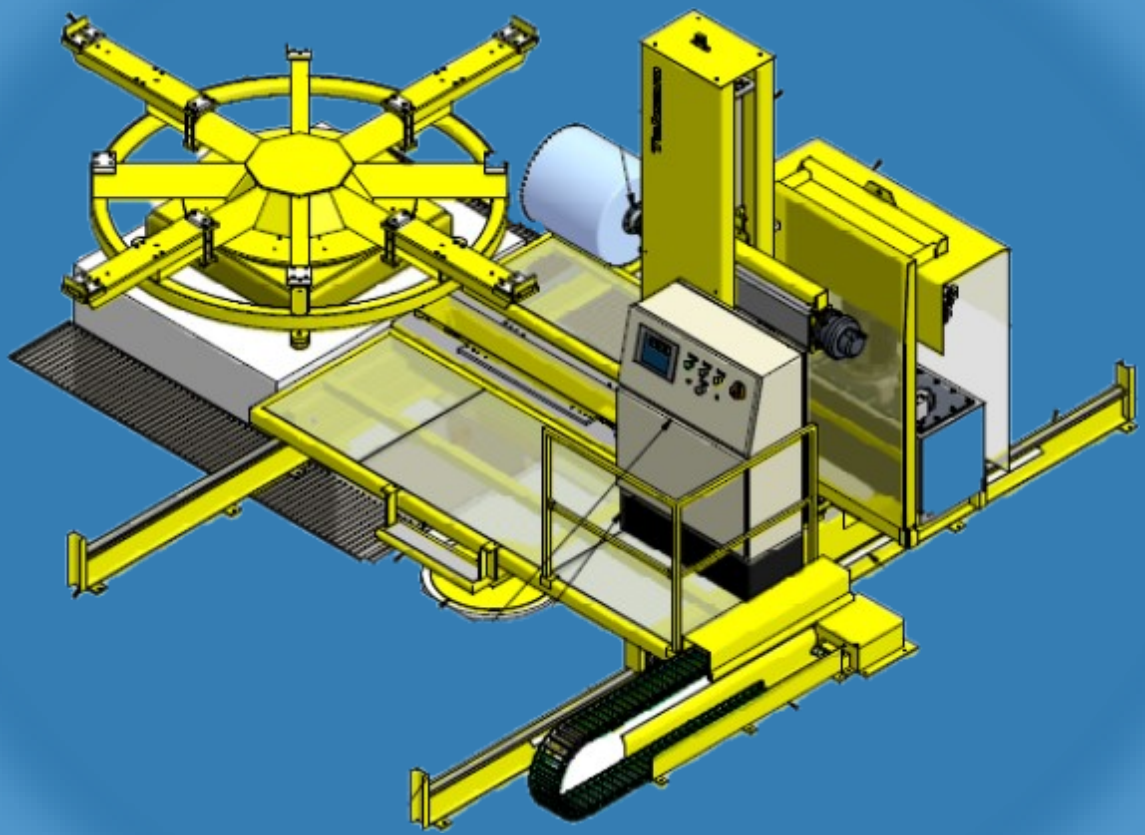
HYDRAULIC CORING MACHINES

TEKSAM
CONCRETE DRY-CAST SOLUTIONS

Hamborgvej 7
7730 Hanstholm
Denmark

Tel. +45 97 96 19 33
Fax +45 97 96 24 24

teksam@teksam.com
www.teksam.com



Precast Production Systems to fit your needs!

HCSP

Precision Performance Made Portable!

The HCSP model is a portable station - mounted on a self-supporting frame for easy movement in the plant or transportation to other locations. It features hydraulic movements of the turntable, drilling height, and drill tower position. Drilling height and drilling angle are visually displayed on the control panel, and while the machine's standard configuration is with three-step drilling speed, infinite speed control is available as an optional feature.

HCSP standard features

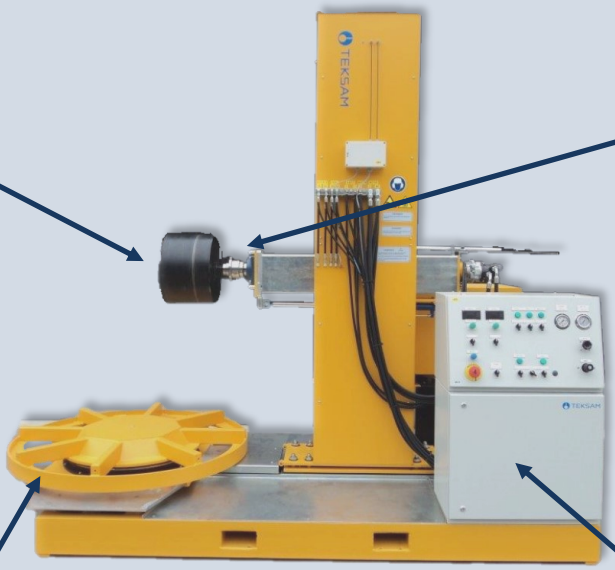
- Turntables for covering up to 2800 mm./110" products in outer diameter
- Drilling height up to 1800 mm./72" from table
- Manual three-step drilling speed and drilling pressure control, incl. load sensing & feed adjustment technology
- Motor sizes for holes up to 1000 mm./39"
- Threaded connector for mounting drill bits
- Digital readouts for drilling height & angle
- Hydraulic drive on turntable
- Hydraulic drive for tower positioning
- Hydraulic control of drilling height
- Drilling depth control

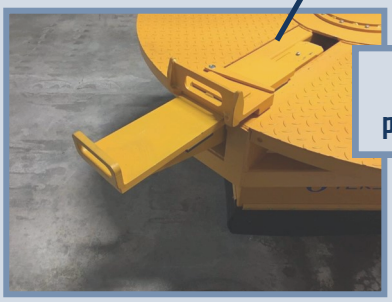
HCSP optional features

- Pneumatic ejector for cored concrete block
- Motor sizes for holes up to 1500 mm./60"
- Quick lock drill bit mounting
- Extended drilling height (centerline) up to 2800 mm./110" from table
- Infinite speed control
- Laser line sensor and laser drilling height measurement
- Wireless remote control

Ejector

Quick Lock Connector





Up to 2800 mm./110" product in outer diameter

HCSP Control Panel

HCSM

Expanded Features, More Flexibility

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

HCSM standard features

- Turntables for covering up to 3500 mm./138" products in outer diameter
- Drilling height up to 1800 mm./72" from table
- Infinite drilling speed and drilling pressure control, incl. load sensing & feed adjustment technology
- Motor sizes for holes up to 1500 mm./60"
- Threaded connector for mounting drill bits
- Digital readouts for drilling height & angle
- Hydraulic drive on turntable
- Hydraulic drive for tower positioning
- Hydraulic control of drilling height
- Hydraulic control of lateral positioning for offset holes
- Drilling depth control

HCSM optional features

- Pneumatic ejector for cored concrete block
- Quick lock drill bit mounting
- Extended drilling height (centerline) up to 3500 mm./138" from table
- PLC control for full automation
- Laser line sensor and laser drilling height measurement
- Wireless remote control
- Direct data transfer (requires PLC control option)

Laser Line Sensor

Wireless remote control

Digital Readouts for Drilling Height & Angle

Offset drilling

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

- Turntables for covering up to 3500 mm./138" products in outer diameter
- Drilling height up to 1800 mm./72" from table
- Infinite drilling speed and drilling pressure control, incl. load sensing & feed adjustment technology
- Motor sizes for holes up to 1500 mm./60"
- Threaded connector for mounting drill bits
- Digital readouts for drilling height & angle
- PLC control for full automation
- Hydraulic drive on turntable
- Hydraulic drive for tower positioning
- Hydraulic control of drilling height
- Hydraulic control of lateral positioning for offset holes
- Drilling depth control

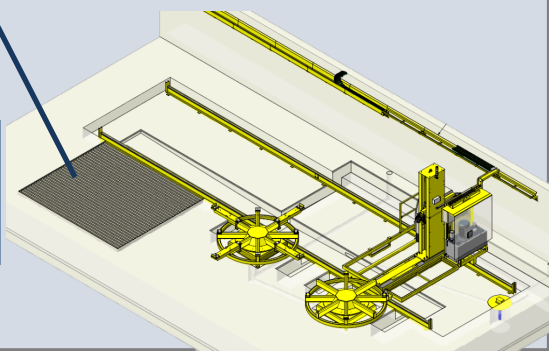
HDD optional features

- Pneumatic ejector for cored concrete block
- Quick lock drill bit mounting
- Extended drilling height (centerline) up to 3500 mm./138" from table
- Laser line sensor and laser drilling height measurement
- Wireless remote control
- Direct data transfer

Load Sensing Valve

HDD Control Panel

Additional Space for Coring Concrete Products without Turntable



Standard Features	HCSP	HCSM	HDD
Turntables for covering up to	One Outside Diameter: 2800 mm. / 110"	One Outside Diameter: 3500 mm. / 138"	Two Outside Diameter: 3500 mm. / 138"
Up to 1800 mm./72" drilling height from table	✓	✓	✓
Drilling speed and drilling pressure control	Three-step - Manual Including: Load Sensing & Feed Adjustment Technology.	Infinite Including: Load Sensing & Feed Adjustment Technology.	Infinite Including: Load Sensing & Feed Adjustment Technology.
Motor sizes for holes up to	1000 mm. / 39"	1500 mm. / 60"	1500 mm. / 60"
Mounting of drill bits with threaded connector	✓	✓	✓
Digital readout for drilling height & angle	✓	✓	✓
PLC control for full automation	✗	✗	✓
Hydraulic drive on turntable	✓	✓	✓
Hydraulic drive for tower positioning	✓	✓	✓
Hydraulic drive of drilling height	✓	✓	✓
Hydraulic control of lateral positioning for offset holes	✗	✓	✓
Drilling depth control	✓	✓	✓

Optional Features	HCSP	HCSM	HDD
Pneumatic ejector for cored concrete block	✓	✓	✓
Motor sizes for holes up to	1500 mm. / 60"	✗	✗
Mounting of drill bits with quick lock	✓	✓	✓
Extended drilling height (centerline) from table, up to	2800 mm. / 110"	3500 mm. / 138"	3500 mm. / 138"
Infinite drilling speed	✓	✓	✓
PLC control for full automation	✗	✓	✓
Laser line sensor and laser drilling height measurement	✓	✓	✓
Wireless remote control	✓	✓	✓
Data transfer	✗	Direct, (requires PLC control option)	Direct

More than 40 years of experience.
Teksam designs and builds high-performance equipment for the dry-cast concrete industry. Founded in Denmark 1979 we have supplied equipment for the concrete industry for more than 40 years. Our innovative systems and commitment to customer service have made us the first choice for companies globally.

For more information please go to **www.teksam.com**
Or find us online

TEKSAM
CONCRETE DRY-CAST SOLUTIONS

Hamborgvej 7
7730 Hanstholm
Denmark

Tel. +45 97 96 19 33
Fax +45 97 96 24 24

teksam@teksam.com
www.teksam.com