CS418B®
CORE SAW

PIVOT BASE. Telescoping and extendable arm allows for infinite positioning of the bit.

MAST WITH DEPTH GAUGE. Bit travel range of 24” vertical movement. Keep track of jobsite progress with the gauge.

PROVEN POWER. Kohler 25 HP EFI engine for improved fuel efficiency, reliability, and starting dependability, featuring a heavy duty air cleaner.

CONTROL PANEL. Allows for infinite hydraulic control of bit speed, rotation, and travel. Two hydraulic gauge’s show operator down-force pressure and bit RPM. The dual speed motor allows for a greater speed range supporting various bit diameters and surface conditions.

LEVELING JACKS. Dual jacks allow for vertical placement of bit featuring a level located on the front of machine for precise positioning.

WATER SYSTEM. 100 gallons available for cooling bit with variable flow from 0-2.8 gallons per minute.

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CS418B CORE SAW. Using the CS418B Core Saw and keyhole techniques construction is conducted through small cored pavement openings, resulting in significant cost savings, reduced public inconvenience and more efficient repairs. Benefit through less disruption and noise, quicker repair times, shorter service interruptions and reduced traffic inconveniences. No temporary patching or repaving is required. This process results in a permanent repair with cost savings of up to 60% or more over current excavation and restoration methods.

GENERAL WEIGHTS AND DIMENSIONS

- **Width:** 69" (175 cm)
- **Height:** 81" (206 cm)
- **Length:** 137" (348 cm)
- **Weight (Dry):** 1700 lbs (771 kg)
- **Weight (Wet):** 2200 lbs (997 kg)
- **Axle Capacity:** 3,500 lb (1,586 kg)

OPERATIONAL

- **Rotation motor:** 2-speed
- **Rotation speed:** 0-180 RPM, 0-360 RPM
- **Feed pressure:** 0-2500 psi
- **Mast vertical travel:** 24" (61 cm) Trailer-mounted
- **Trailer-mounted mast offset:** 48" (121 cm) left/right
- **Core Bit Diameters:** 4"-18" (10.2 cm - 45.7 cm)

POWER SOURCE

- **Engine:** Kohler ECH740 Command Pro EFI, 3600 RPM
- **Gross HP:** 25 hp (18.6 kw)

HYDRAULIC SYSTEM

- **Rotation pump:** 13.1 gpm/3000 psi (207 Bar)
- **Auxiliary pump:** 5 gpm/2500 psi (172 Bar)

WATER SYSTEM

- **Tank capacity:** 100 gal (379 L)
- **Pump type:** 2.8 gpm (10.6 L/min) Sure Flow
- **Diaphragm pump electrical system:** 12 volt
- **On/off switch:** Yes
- **Variable flow:** Yes

CONTROLS

- **Mast raise:** Hydraulic
- **Mast offset:** Manual

NOTES:

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