

HOLDER

**C870H
C870HF**



Get the HOLDER Advantage!

THE C870 SERIES: ENGINEERED TO SAVE

A true year-round workhorse—landscaping, grounds and roadside maintenance, snow removal, sweeping/spraying—the C870H is a valuable and versatile tractor for any municipality, large institution or landscaping company.



YOU TIME AND MONEY

DURABLE. COST-EFFICIENT. VERSATILE.

A full range of attachments will help you maximize the C870 series features. HOLDER's rear three-point hitch and optional front three-point hitch include adjustable pick-up points and a 1³/₈" PTO shaft offering the versatility to mount attachments from various manufacturers. The C870 series has a rear 540/1000 RPM gearbox and 1000 RPM on the front as standard equipment. An optional front reduction box permits the use of 540 RPM attachments. Both front and rear attachments are quick attach and can be easily mounted and removed.



THE C870HF PACKS A BIG PUNCH, BUT LEAVES A SMALL FOOTPRINT

HOLDER'S forestry tractor, the C870HF, provides the power, maneuverability and ground clearance needed for selective harvesting and "good forestry practices." Forestry workers encounter a variety of unpredictable obstacles each day. A hydrostatic transmission allows the operator to maneuver around trees and on slopes with one pedal and minimal use of brakes. The C870HF forestry package includes light and window limb guards to protect both operator and tractor. With protection in mind, the HOLDER design offers a cast chassis and front grill, a fiberglass hood, anti-shatter glass, rubber fenders, breakaway mirrors and strobe light as standard equipment.

The forest can be an unforgiving workplace, so we've designed a very forgiving tractor. An easy-to-maintain engine provides the operator with peace of mind with an air/oil cooling system and direct injection, eliminating a worrisome radiator and the hassle of bleeding the fuel system. The C870HF also keeps you moving by isolating the hydrostatic system from the hydraulic system, allowing travel even if you break a hose.

Nimble and capable, the C870HF's stabilizer system helps get the job done where larger tractors fail, and causes minimal damage to the natural environment. Lead-free paint, asbestos-free brakes and biodegradable hydraulic oil and an engine that exceeds North American emission standards make this tractor a natural choice. The C870HF is the safe and effective choice for efficient forest management.

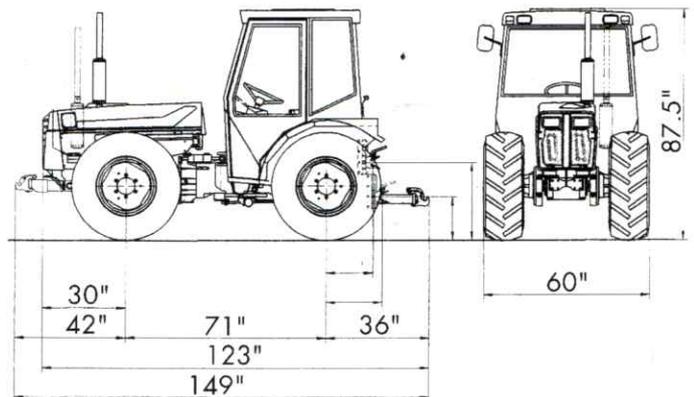


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C870HF Specifications

WEIGHT (CURB) 5214 lbs (2370 kg)	AIR FILTER Dry type air filter with acoustical warning system.
STEERING Articulated design with dual hydraulic cylinders.	ENGINE Deutz diesel, 1011 turbo, 75 HP (60KW) @ 2500 RPM. Oil-cooled, direct-injected, 4-cylinder diesel engine.
HYDRAULIC SYSTEM Bosch, gear type, maximum operating pressure 2800 PSI (190 bar.), hydraulic reservoir capacity: 4.75 gallons (18 liters). Fitted with in-line and pressure filters.	COOLING SYSTEM Integrated oil and air cooling system (block oil-cooled, cylinder head air-cooled) with integrated cooling system fan.
FUEL TANK CAPACITY 10.5 gallons (40 liters) with large micronic fuel filter.	DIFFERENTIAL LOCK Simultaneous front and rear, electric over hydraulic, actuated by depressing toggle switch.
CONTROL EQUIPMENT Hydraulic joystick control: actuating front bucket movements. Or front 3-point additional levers: 1 actuates rear three point, 1 actuates a pair of couplers at front and rear. All as standard equipment.	TRANSMISSION Infinitely adjustable, rexroth hydrostatic with two mechanical speed ranges in both forward and reverse.
CAB EQUIPMENT <ul style="list-style-type: none"> • 3-way adjustable seat with armrests • 2 side doors, front and rear, push-out windows for ventilation • front windshield washer • detachable and fold-down strobe light • top mount work lights, front and rear • lower driving lights with high/low beams • 2 outside breakaway mirrors • ventilation roof hatch, can be used as an emergency exit • sound- and temperature-absorbing inner wall cover • pressurized heating with air recycling position • heater and ventilation fan • sun visor, dome light and coat hook • cabin mounted on a sound- and vibration-insulated platform • optional limb guards 	GROUND SPEED Forward and reverse Range 1 (high): 0-20 mph (30 kph) Range 2 (low): 0-10 mph (15 kph)
PTO SHAFT Full load engagement clutch, front and rear. Direction of rotation (in direction of travel), front-clockwise and rear-counterclockwise. PTO RPM: rear 540 or 1000 RPM @ 2260; front 1000 PTO RPM @ 2390 RPM (optional 540 RPM).	BRAKES Wet, multi-disc wedge brakes, hydraulically actuated, mechanical hand brake with indicator light and buzzer.
CONSTRUCTION Cast construction, 4-wheel drive, articulated steering with torsion wheel stabilizer.	TURNING RADIUS 7.1 feet (2.1 meters)
MAXIMUM ALLOWABLE AXLE LOAD Front: 5507 lb (2500 kg) Rear: 5507 lb (2500 kg)	

Local Dealer:



HOLDER of North America

1351 Barfield Road

Greely, ON, Canada K4P 1A1

Tel: 613 821-4171 Fax: 613 821-1939

This information is intended to be of a general nature only; specifications are subject to change as we continue to improve our products.

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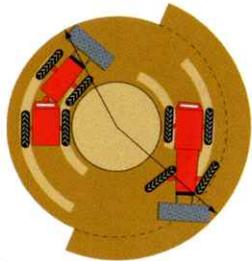
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THE C870

EXCEPTIONAL MANEUVERABILITY

Getting you wherever you need to be.

At only 60" wide, it is conveniently narrow, and together with the articulated chassis, the HOLDER C870 series tractors have tighter cornering capabilities and significantly increased maneuverability.



ARTICULATION/OSCILLATION

The flexibility you need to get the job done.

The HOLDER C870H has an incredible turning radius of only 7.1 feet. This feature makes it much easier to align the tractor with attachments or the job at hand. The rear wheels follow the path laid by the equally sized front wheels, making the C870H and HF less destructive to the terrain and more environmentally friendly. The robust articulation and oscillation system is comprised of two steering rams



DEUTZ F1011 ENGINE

Power you can rely on.

The Deutz F1011 Turbo Diesel engine delivers 75 HP at 2500 RPM and meets all emission standards. Its air/oil cooling system and direct injection provide better combustion, low fuel consumption, less downtime, low maintenance costs and no concern for components related to liquid-cooled systems.

PLANETARY AXLES/4WD

The power to surmount obstacles.

HOLDER's planetary axles provide a constant 6-to-1 reduction and weight distribution at the wheels. While in constant four-wheel-drive, an electrically



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CABIN FEATURES

Easy to use and comfortable.

The C870 series maximizes operator comfort with an adjustable seat with armrests and sound- and temperature-absorbing inner wall covers. The heated cab is also mounted on a sound- and vibration-insulated platform. The interior is ergonomically designed to reduce operator fatigue and promote easy and efficient use of the hydraulic joystick controls. For operator safety, the cab is designed to allow optimum view (360°) and is equipped with three openings—two side doors and a roof hatch. Air conditioning is available as an option.



DUAL RAM STEERING

Work all the angles.

The convenience of articulation is enhanced with a hydraulic dual steering system. Two double-acting hydraulic cylinders produce a push/pull steering effect enabling the operator to better maneuver the tractor in confined areas and meet loads head-on. This system also allows the tractor to be steered when the engine is not running.

HYDROSTATIC DRIVE SYSTEM

Higher performance, lower maintenance.

HOLDER's ingenuity has created a hydrostatic transmission with two mechanical speed ranges. Hand and foot controls allow the operator to either drive with a single foot pedal or control ground speed while maintaining PTO speed. This

and two stabilizing springs, creating twisting motion that applies even pressure to the ground. This enables the tractor to easily handle curbs and rough terrain—even with a full load.

operated mechanical differential lock provides 100% locking on all four wheels. HOLDER's increased traction allows for outstanding performance and safety, even on extreme slopes, in rough terrain or in adverse conditions.



QUICK ATTACH HITCHES AND LOWER LINK ARMS

Smart engineered for simple use.

Dependable and versatile, these features are time and energy savers. The adjustable hooks enable the operator to mount and demount a variety of category 1 or 2, three-point attachments without the use of tools. The lower link arms have the ability to oscillate or sway to follow the contour of the landscape. The loader can be easily removed to provide front three-point capabilities.

HYDRAULIC ACCUMULATOR

Providing a smooth ride.

HOLDER tractors incorporate a unique system that compensates for the "bounce" generated by a mounted attachment. This feature allows the attachment to float independently of the tractor, prolonging the life of the attachment and reducing operator fatigue.

GROUNDS MAINTENANCE
SANDING AND SPRAYING
FOREST MANAGEMENT
SIDEWALK CLEARING
SNOWPLOWING
SNOWBLOWING
LANDSCAPING



to concentrate on the task at hand. Included is HOLDER's load-sensing system which calibrates power transfer between the drive system and the PTOs. Under load, this system will automatically adjust ground speed to maintain optimum PTO speed. This self-contained system is independent of the tractor hydraulics, reducing the risk of contamination and allowing the tractor to be mobile if a hydraulic hose failure occurs.

WET, MULTI-DISC WEDGE BRAKES

Worry-free and maintenance-free.
This responsive brake system provides safety and reliability with a low maintenance design. Hydraulically actuated, the disc brakes are bathed in oil and sealed from the elements, providing a quick response when you need it.

FRONT AND REAR POWER TAKE-OFFS (PTOs)

Working twice as hard in any season.
The front PTO (1000 RPM and optional 540 RPM) and rear PTO (540 and 1000 RPM) can be engaged simultaneously for efficient and effective operation. The output shaft is a standard 1 3/8", 6-spline, allowing usage of a variety of attachments. HOLDER's superior mechanical engineering enables the operator to engage the PTO under full load, without having to reduce engine RPM. The PTO is reduced at the furthest point of the tractor, creating less stress on the system. Enclosed in cast iron, the clutch is bathed in oil and sealed from the elements. Whether it's sweeping and spraying, or snow-blowing and sanding, HOLDER tractors save you time and money.

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