



**CASE**  
CONSTRUCTION

# BACKHOE LOADERS

N SERIES - USA





# BACKHOE LOADERS

## N SERIES - USA

### PROVEN PERFORMANCE

Long before we launched the new CASE N Series loader/backhoes, veteran backhoe operators put our machines to work. CASE backhoe loaders deliver industry-leading backhoe breakout force, increased loader lift capacity/reach and best-in-class cab visibility.

### POWER LIFT

With our industry exclusive Power lift, you'll think twice about hauling an excavator to the job. Plus, Power Lift can be used to break through extreme conditions such as a frost line, dry clay or roots.

### BEST-IN-CLASS PRODUCTIVITY

Our new loader arm design will boost your productivity. The loader delivers more breakout force. It has superior reach to dump material into the center of haul trucks with rail extensions. Our new machines have 36 percent greater lift capacity than our previous model. Plus, we reach deeper dig depths than the previous market leader!

### SUPERIOR COMFORT AND VISIBILITY

When your operation runs day and night, our new cab keeps your operators productive. Floor-to-ceiling windows provide superior visibility. New rear-quarter windows provide easy communication to the back of the machine and improve cross-ventilation comfort. The high intensity lighting package improves performance, providing superior visibility and overlapping field coverage. And our 'easy flex' side lights offer 45 degree rotation to deliver extra lighting where it's needed most.

### POWERDRIVE – DIRECT DRIVE TRANSMISSION

PowerDrive transmissions feature automatic Direct Drive engagement in 3rd and 4th gear locking the power of the engine to the transmission for increased gradeability and acceleration while reducing travel times around the job site. Standard Auto-Shifting, a fourth reverse gear and six distinct speeds provide constant matched speed and torque to adapt to a variety of terrains and demanding tasks.

### EASY MAINTENANCE

Case is famous for easy ground line daily maintenance. Swing-out coolers are easy to access. Axles, with outboard-mounted wet disc brakes, are serviceable without complete disassembly. Add a flip-up hood, spin-on filters, grouped site gauges, and you're saving routine maintenance time.

# BACKHOE LOADERS N SERIES

580N | 580 SUPER N | 590 SUPER N

## DIG DEEPER. REACH FURTHER. LOAD FASTER.

Every element of the CASE loader is designed for greater productivity. Heavy-duty loader designed with long arms for easier truck loading and in-line, parallel linkage for better balance with uneven loads.



## PROCONTROL MEANS PRECISION

When swinging the backhoe from side to side, our exclusive ProControl swing dampening system stops the boom exactly when and where you want. No wiggle. No rebound. No waiting for it to set. Just precise, responsive control.



## 4.5 lt FPT Turbocharged Engine

The 4,5 litre FPT engine with high power and torque density dramatically reduces service time ensuring the lowest maintenance costs in the market



## ADDED CLEARANCE – ADDED PERFORMANCE\*

18" front tires and a heavy duty front axle clear the most severe terrain and put power to the ground for increased gradeability, push power and maneuverability in demanding applications.

\*Available on 580N and 580SN models



## THE MOST MANEUVERABLE CONTROLS AROUND

Change directions quickly and easily with the flip of a switch. PowerDrive equipped machines offer a secondary Forward Neutral Reverse (FNR) switch that can be easily operated on the loader control lever. Also offered is an ergonomically placed clutch cut-out trigger allowing operators to channel more hydraulic flow to the loader.



## BENEFIT OF OVER-CENTER DESIGN

Our revolutionary over-center backhoe design locks the boom in toward the machine, transferring at least 15% of its weight to the front axle, which drastically improves stability to minimize “porpoising” during roading.



## AUTO-RIDE CONTROL™

CASE Auto-Ride Control is a spill-reducing feature engineered into our 4WD backhoe loaders. This highlight automatically reduces loader arm bounce at elevated speeds and features industry-leading adjustable speed settings, giving operators full control of their load retention as well as their comfort.



## CUT TURNS IN HALF WITH COMFORT STEER™

CASE's Comfort Steer (optional to 4WD models) reduces lock-to-lock rotations when moving from full right to full left (and vice versa). Load, stockpile and backfill considerably faster with less operator discomfort throughout the day



## LIGHTS, VISIBILITY, 360° ACTION

All N Series machines feature high-intensity exterior lighting, including industry-inclusive “Easy Flex” side lighting. These adjustable lights have 45° rotation to provide overlapping fields of coverage for 360° visibility at night. For even greater visibility, an optional LED lighting package is available.

All windows easily open by hand, including the rear-quarter window, which opens 180°. Not only does this maximize airflow through the cab, it enables operators to clearly communicate with spotters all around the machine.

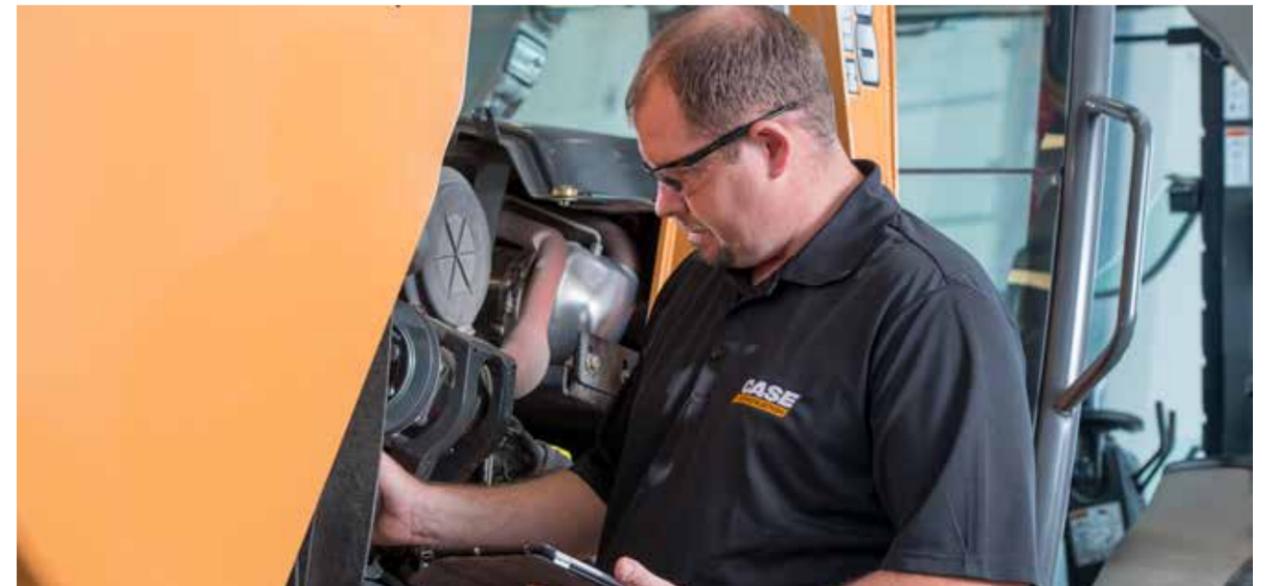
Creature comforts such as infinitely adjustable pilot control towers that adjust fore/aft and tilt in/out, as well as proportional roller switches, comfortable armrests, adjustable wrist rests and a footrest help keep any-sized operator comfortable.



## MAINTENANCE MADE EASY

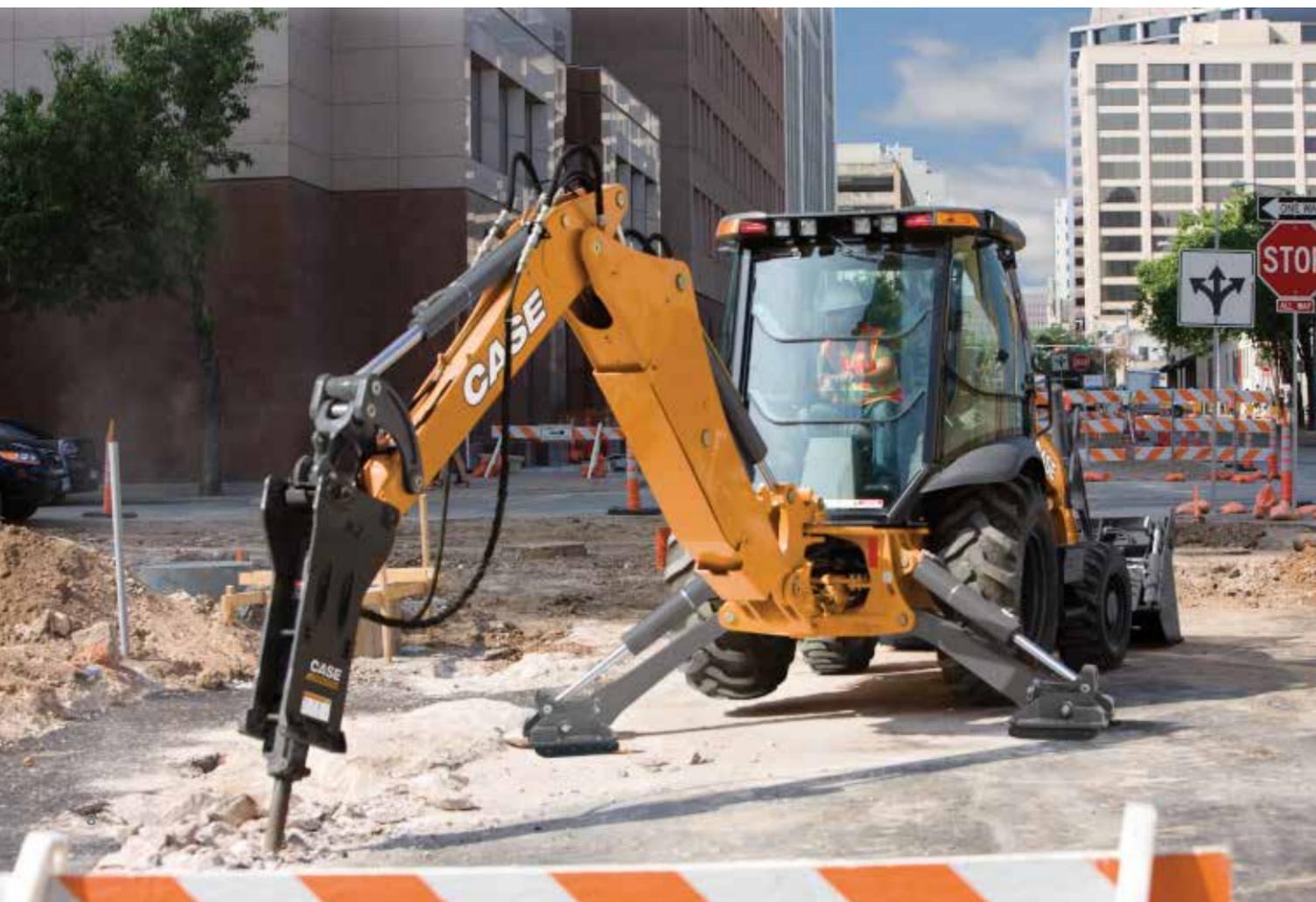
When you invest in CASE equipment, you need it to last. We make it simple. The N Series is no exception. From swing-out coolers and outboard-mounted disc brakes to ground-level site gauges and grouped service points located under a tilt-up hood, you can do daily maintenance in a matter of minutes. It's the easiest way to help you get the most performance and longest life out of your machine.

The N Series backhoe loaders continue the CASE hallmark of simple serviceability with features like tool-free access to routine maintenance points.



## BACKHOE LOADERS N SERIES

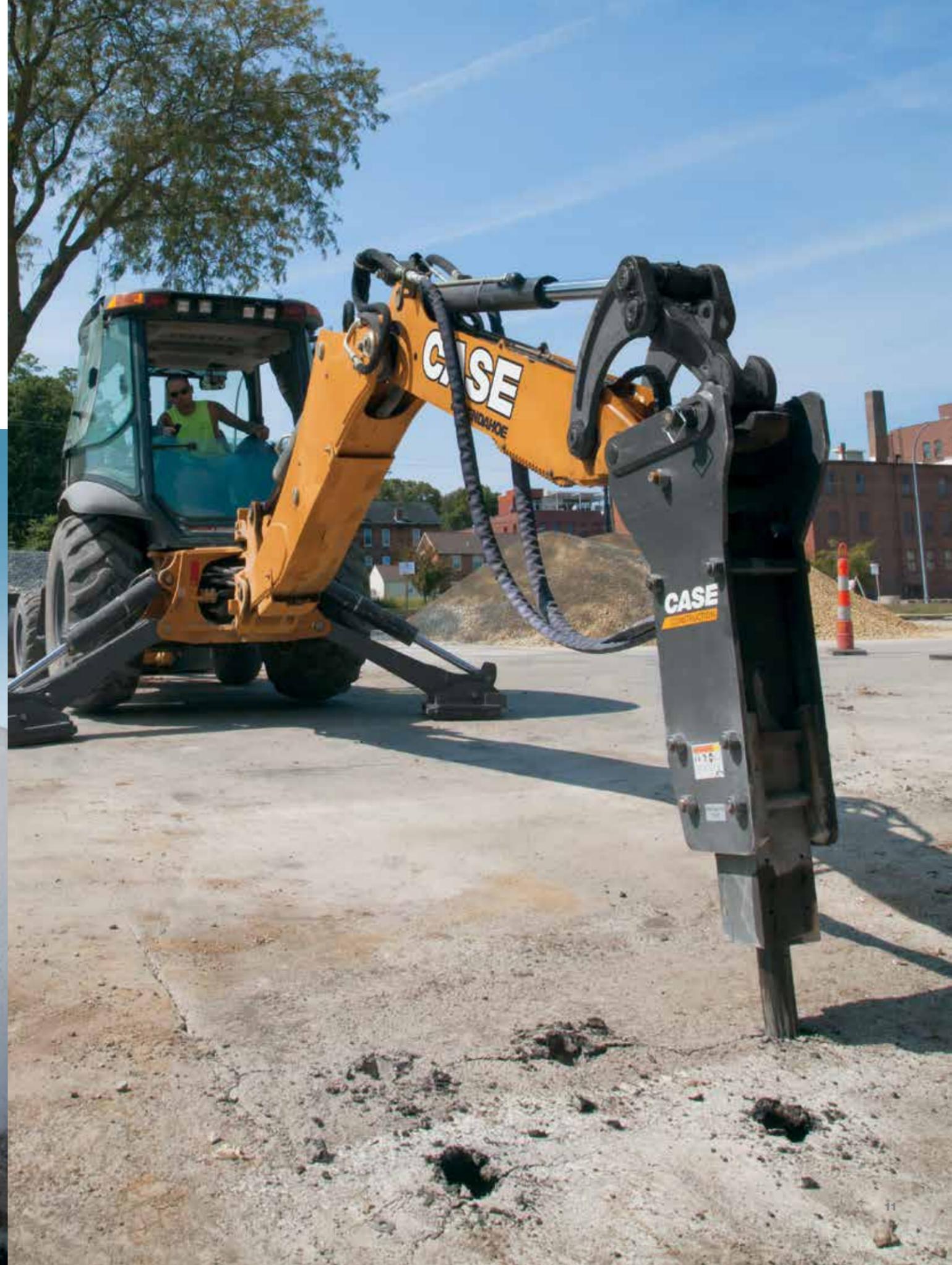
	<b>580N</b>	<b>580 Super N</b>
Net Horsepower	79 hp (59 kW)	92 hp (68 kW)
Backhoe Dig Depth	4,5 m (14' 9,3")	4,41 m (14' 5,6")
Backhoe Bucket Force	50,4 kN (11.333 lbf)	60,4 kN (13.578 lbf)
Loader Lift Capacity	3.086 kg (6.803 lb)	3.195 kg (7.044 lb)
Operating Weight	7.791 kg (17.176 lb)	7.366 kg (16.239 lb)
	<b>590 Super N</b>	
Net Horsepower	108 hp (81 kW)	
Backhoe Dig Depth	4,72 m (15' 5,8")	
Backhoe Bucket Force	66,5 kN (14.940 lbf)	
Loader Lift Capacity	3.541 kg (7.808 lb)	
Operating Weight	9.280 kg (20.458 lb)	



# ATTACHED TO STRENGTH

CASE backhoe loaders are available with a variety of attachments to give your business even greater versatility.

Only CASE offers an integrated hydraulic quick-coupler\* on our backhoes. Its unique design is factory-built into the backhoe, so it doesn't alter the physics or breakout force of the machine like after-market options. You get the same industry-leading power with the added convenience of being able to switch out attachments from the comfort of the cab.





# SUPPORT COMES STANDARD.

CASE Care is a unique program covering a range of services, from preventive and corrective maintenance of your machine to fleet management via satellite. The program offers free online training to operators for the entire CASE line.

Case understands the importance of greater availability of your equipment and offers SystemGard®, the fluid monitoring program for your equipment. Visit [www.casece.com/latam/en-la/](http://www.casece.com/latam/en-la/) to learn about the different services that CASE Care offers for your machine.



## PRODUCT SUPPORT SOLUTIONS

Your CASE dealer knows how you can best maximize your equipment investment and uptime—with genuine CASE parts, expert service and a complete range of product support solutions. And only CASE dealers have exclusive access to the Electronic Service Tool (EST) that quickly pinpoints machine issues. Just ask your dealer for details.



## FLEXIBLE FINANCIAL OPTIONS

Specialized finance programs and flexible leasing packages put you in the driver's seat of industry-leading CASE equipment while no-nonsense warranties and comprehensive protection plans ensure that your equipment is protected. As the only finance company dedicated to CASE in Argentina, we offer strong products and services designed around your unique needs and are the only ones supported by the helpful service professionals at your CASE dealer.





**CASE** customers have a direct line of communication to the brand.

**This is CASE Customer Assistance**, a standout service program with the flexibility you need and the quality you deserve. No matter where you are, if you need **CASE** you can contact us 24 hours a day, seven days a week. **CASE Customer Assistance**. With you wherever you are.

-  **ARGENTINA: 0800-266-1374**  **+54 11 48535831**
-  **BRASIL: 0800-727-2273**  **+55 31 2107-2045**
-  **COLÔMBIA: 01-800-944-8372**
-  **PERU: 0800-77-270**

**Plants:**

- |   |                                      |
|---|--------------------------------------|
| <b>Contagem – Minas Gerais – Brasil</b> | <b>Sorocaba – São Paulo – Brasil</b> |
| Av. General David Sarnoff, 2.237        | Av. Jerome Case, 1.801               |
| Inconfidentes – CEP 32210-900           | Éden – CEP 18087-220                 |
| Tel.: +55 31 2104-3392                  | Tel.: +55 15 3334-1700               |

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