



Smooth gear shifting. Powershift + Powershuttle with big capacity oil cooled clutch packs for easy selection of the most efficient speed.

All-round visibility. Commanding view for relaxed, comfortable and productive operation. Loader visibility window in roof as standard.

Ergonomic cab interior. Classic Case IH comfort - with a familiar control layout and dual zone cab ventilation.

A strong tradition. Proud Austrian heritage of advanced engineering and quality manufacturing.

CASE IH CS PRO – THE BEST CHOICE FOR EFFICIENCY AND VERSATILITY.



Efficient hydraulics. 86l/min of flow through a maximum of 4 remote valves.

Effective handling. With a linkage capacity of 4,900kg at the rear, 2,500kg on front and a payload of over 3,000kg.

Maximum traction, minimum compaction. Advanced 4-wheel drive technology with a wide range of available tyres up to 480/70 R38.

Profitable. CS PRO tractors deliver the multi-application productivity you demand with 4-speed rear PTO, integrated front linkage/PTO and loader.

CS PRO - MADE IN AUSTRIA

IN A COMPETITIVE WORLD YOU NEED A TRACTOR THAT CAN MEET THE TOUGHEST DEMANDS, COST EFFECTIVELY. THAT'S WHY CASE IH HAS CREATED THE NEW CS PRO SERIES.

Quality engineered for performance. Made at the Case IH European manufacturing headquarters in Austria, the CS PRO Series is backed by a tradition of quality. From the design stages through to delivering reliable performance day after day on your farm, these tractors are guaranteed to meet your toughest demands.

Versatility is key to productivity. 40kph Powershift transmission with Powershuttle, four-speed rear PTO including 540E, Electronic Hitch Control, integrated front hitch and PTO, plus loader fitted in the factory: Take delivery of your CS PRO ready to handle the widest range of tasks.

The powerful business solution. With four-cylinder turbo diesel fuel efficient engines delivering up to 102 horsepower and a luxury operator environment, the CS PRO gives you the optimum combination of performance and comfort to keep your farming operation ahead.



Powerful. 4-cylinder turbo intercooled diesel engine with a rated speed of 2300rpm for consistently high performance.

Economical. Fuel efficient and 500 hour service intervals make CS PRO tractors extremely economical to run.

Model	Maximum engine power
Case IH CS 105 PRO	hp(CV)/kW 102 / 75

▼ **Easy cab access.** Enter from either side with 3 illuminated non-slip steps.

▼ **Best operator environment.** Dual zone ventilation with dashboard heating system and roof mounted air conditioning is standard.

▼ **Excellent visibility.** All-round view from a commanding position.

▼ **Luxury seating.** Driver's seat with lumbar support, comfortable instructor seat and adjustable steering wheel.



▲ **Ergonomic control layout.** Classic Case IH intuitive controls for ease of operation.

▲ **Multicontroller is an ideal high productivity option.** One lever which lets you operate all key tractor controls with one hand.

▲ **Integrated performance monitor.** At-a-glance information on performance status integrated into the dashboard.

CAB AND CONTROLS

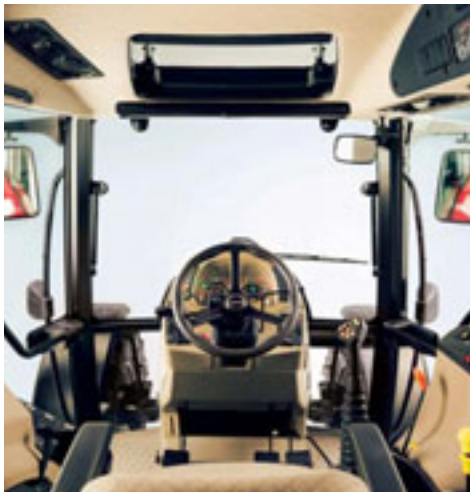
QUIET AND COMFORTABLE FOR A RELAXED OPERATING ENVIRONMENT.

DRIVING COMFORT AND EXCELLING IN DEMANDING CONDITIONS ARE THE PRIORITY OF THE CS PRO SERIES. NON-SKID STEPS AND WIDE-OPENING, SOLID-GLASS DOORS ENSURE SAFE AND COMFORTABLE ACCESS TO THIS HIGH-SPEC CAB. A SUPERB PHYSICAL COMFORT ENHANCE YOUR WELL BEING AND BOOST PRODUCTIVITY AS A RESULT.

A feeling of space. The combination of high specification drivers seat with a height and tilt-adjustable steering wheel meet every operator's requirements. There is ample headroom for even the tallest driver and the generous instruction seat provides plenty of room for a passenger. As option there is a cushioned and fabric covered passenger seat available.

An all-round view. The whole work area to the front and rear is in the driver's field of vision thanks to the sloping bonnet, sculpted body and compact instrument console. The internal and twin external mirrors can be adjusted to suit the operator for all-round vision in the field and on the road. For visibility around wide trailers there are telescopic mirror arms available. CS PRO tractors are also fitted with a loader visibility roof window as standard. Combined with a custom lighting package, tinted windows and wash/wiper systems to the front and rear, your new CS PRO gives you an even better view in all conditions.

Industry-leading ergonomics. All controls are close at hand, laid out logically where you would expect to find them. As well as easy-to-read analogue displays, the instrument cluster includes an integrated performance monitor, headland management display and current PTO speeds.



◀ **Loader visibility roof window.** Fitted as standard, the new window integrated into the roof gives you a clear view when working with a loader or passing under low clearances.

▶ **Powerful lighting packages.** A choice of light configurations is available.



Powerful 4-cylinder diesel engines.
Turbocharged for optimum performance up to 102hp.

Efficient power delivery. High torque engines, with up to 38% torque in reserve, easily keep you on top of the most demanding tasks.

Latest fuel injection technology. Bosch diesel injection pump for best response and efficiency.

Constant performance. Engine and transmission are matched to produce consistent productivity.

Air to air intercooler providing greater low rpm torque and better fuel efficiency.

Environmentally friendly.
Internal exhaust gas recirculation (EGR), lower emissions and long service intervals combine to promote efficiency and reduce the environmental impact.

Bio diesel approved. CS PRO engines can run on up to 100% (B100) bio diesel.



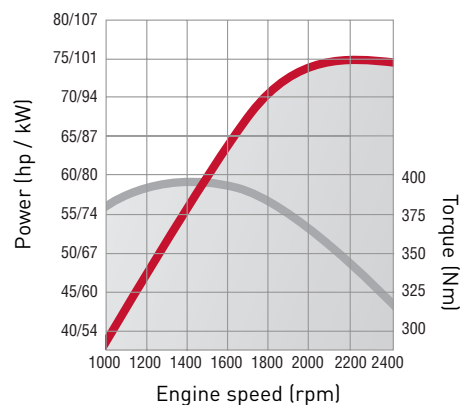
POWERFUL. RELIABLE. ECONOMICAL.

102 HORSEPOWER, THIS 4-CYLINDER TURBO-CHARGED AND INTERCOOLED ENGINE IS TIER III COMPLIANT TO DELIVER HIGH PERFORMANCE MORE ECONOMICALLY AND WITH LOWER ENVIRONMENTAL IMPACT. THE LATEST DESIGN OF HIGH PERFORMANCE BOSCH DIESEL INJECTION PUMP HAS BEEN FITTED TO GIVE IMPROVED RESPONSE AND INCREASED EFFICIENCY.

Power to the ground. Constant power output across a wide speed bandwidth means less gear shifting and increased economy as a result. Even at low engine speed, the high starting torque creates the necessary pulling power when setting off with heavy trailers.

All-weather performance. The 2-circuit water cooling system makes these engines suitable for all climates. Wet cylinder liners, directly surrounded by coolant, guarantee efficient cooling. Operating temperature is thus attained more rapidly and then kept at a constant level. A high-capacity battery and a grid-heater integrated into the cylinder head assist cold-starting even at very low temperatures.

CS 105 PRO POWER CURVE



► **Turbocharged and intercooled.** The engine is equipped with big capacity turbocharger and air to air intercooler to boost thermal efficiency and extract the maximum power from every drop of fuel.

◀ **Even more power.** With a torque rise of up to 38% even more power is available on demand when working with front and rear mounted implements.



Powershuttle. Stop and reverse direction at the flick of a lever for quick and easy manoeuvrability.

Powershift. The 2 speed powershift enables the tractor to be driven at peak performance and efficiency.

Powerclutch. On Multicontroller tractors the powerclutch feature allows mechanical gear shifting without the clutch pedal.

Oil cooled. Big capacity oil cooled clutch packs transmit the power and dissipate heat build up to extend clutch life.



Multispeed PTO. To power every implement a 4 speed rear PTO is standard and proportional ground speed is optional.

PTO management. Protects the implement driveline by switching off the PTO when rear hitch is in raised position.

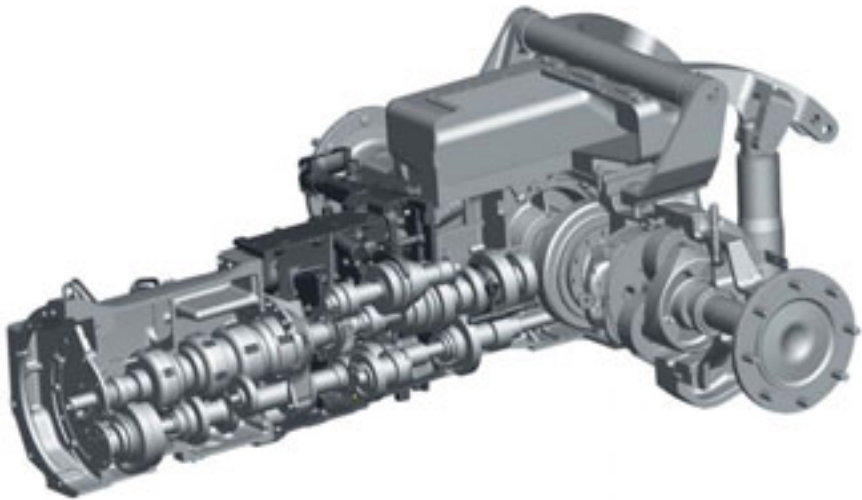
Front PTO and front hitch. Transmits full engine power and is carefully integrated into tractor design to maximise versatility.

Fender-mounted remote controls. To start and stop the rear PTO in safety from outside the tractor for stationary applications.

TRANSMISSION AND PTO

POWER AND EFFICIENCY FOR A WIDE RANGE OF APPLICATIONS.

CS PRO TRANSMISSIONS AND PTO DRIVES ARE ENGINEERED FOR THE HIGHEST DEGREE OF EFFICIENCY AND RELIABILITY. PRECISION HELICAL GEARS AND FORCED LUBRICATION SYSTEMS ARE PERFECTLY MATCHED TO THE ENGINE AND DRIVELINE FOR ENDURANCE AND PERFORMANCE.



Effortless gear changes with Powershift. Each gear is reduced or stepped up by 20% at the push of a button in the main gear lever without interrupting the drive of the power train. A nitrogen damper ensures smooth gear-shifting, alleviating stress in the gearbox. On Multicontroller equipped tractors, there is the additional benefit of the Powerclutch button which allows all main gears to be shifted without use of the clutch pedal.

Multi-task PTO performance. Power from the engine to the rear PTO is transferred without loss of efficiency. Operations requiring full engine output are catered for by the 430, 540 and 1000rpm speeds. Work within the partial load range is performed with 540rpm at 65% of rated engine speed (540E).

▲ **At home in the field and on the road.**

Two gear ranges provide you with an excellent combination of power and efficiency during field operations and transport activity.

- **Easy switching between forward and reverse.** The Powershuttle function can be activated without your hands leaving the steering wheel by switching a lever on the steering column. Alternatively on Multicontroller tractors you can choose to use the rocker switch.



Heavy duty hydraulics. Two big external lift rams give a maximum lifting capacity of 4900kg at the rear.

Electronic Rear Hitch Control. Simple, intuitive linkage controls enable easy setting and simple adjustment.

Electronic front hitch control. As option the front linkage can also be electronically controlled for easy fingertip operation. (On Multicontroller version only)

Up to 4 load sensing remotes. Easily handles the complexity of your existing and future implements.



Loader-ready. Take delivery of your CS PRO with a front loader and choose from the extensive range of compatible implements.

Joystick lever. Single-handed control of two remote valves, readily adapts to efficient and effective loader control.

Fast cycle times. With up to 50l/min available flow to the remote valves, cycle times are minimised and productivity is maximised.



HYDRAULICS AND LOADER

POWERFUL HITCH AND LOADER OPERATIONS.

WITH A MAXIMUM LIFT CAPACITY OF 4900KG, CS PRO HYDRAULICS SYSTEMS MEET ALL YOUR DEMANDS TODAY AND FOR THE FUTURE. ALL OPERATOR CONTROLS ARE CONVENIENTLY PLACED WITHIN EASY REACH ON THE RIGHT OF THE DRIVER, AND THE KEY FUNCTIONS CAN BE OPERATED USING THE MULTICONTROLLER.

Give your business a lift. Why not take delivery of your CS PRO with a Case IH loader? The front loader mounting brackets, hydraulic lines, electrical interfaces and cab controls can be preinstalled when your tractor is built. Compatibility is ensured and the tractor is ready to go when it arrives on your farm.

Engineered for an uplifting performance. The classic Case IH hitch structure and linkage geometry provide an consistently high continuous lifting power. When operating front loaders, or hydrostatic-motor driven implements, your CS PRO can be fitted with a hydraulic pump that delivers 86l/min and features load sensing remote valves. Two of these valves benefit from electrohydraulic control allowing the ability to precisely set operation timing and hydraulic flow rate.

Safe operation when working alone. Your new CS PRO is equipped with remote control switches on the rear fender (and at the front if supplied with front lift) to make hitching up implements safe and easy. Our loader systems are also designed to facilitate attaching and detaching the loader and loader implements when working on your own.

Dynamic ride control. After raising the implement this system is activated when the driving speed reaches 8km/h. All oscillations caused by heavy mounted implements when travelling at speed are neutralised to minimise bouncing.



◀ **Fender-mounted remote controls** for operating hitch and PTO from alongside implement.

◀ **Easy on / Easy off.** Loader is safe and easy to mount single-handedly.

Four wheel drive. Superb traction and positive drive response. At speeds over 14kph, 4WD is disengaged to protect the driveline.

Automatic diff lock. Disengages automatically for tight cornering and when travelling at speeds over 14kph.

Traction management. Wheel slip monitor regulates draft control for precise operation.

High ground clearance. With an elevated position of 4WD shaft and the option of factory fitted tyres up to 270/95 R48.



Oil-immersed multi-disc brakes. With five discs on each side and transmission oil cooling these brakes remain effective even under repeated heavy usage.

Efficient trailer brake. Hydraulic trailer brake fitted as standard.

Big payload. With a payload of up to 3,020kg, CS PRO is never overstretched.

DESIGNED FOR PERFORMANCE WITH PRECISION AND SAFETY.

ALL CS PRO TRACTORS ARE 4WD. CONVENIENT 4WD AND DIFF LOCK CONTROLS OPTIMISE ENGINE POWER TRANSFER TO THE WHEELS FOR SUPERB PULLING POWER. AN EXTENSIVE RANGE OF TYRES FOR THIS SERIES PROVIDE THE BEST TRACTION AND SOIL PROTECTION FOR YOUR WORK.

A strong backbone. The transmission casting is designed to handle the biggest loads with ease and to compliment this performance a wide range of robust trailer hitches take the strain. From high speed transport with large trailers through to carrying implements on the front, back or mid mounted, CS PRO performs efficiently.

Safely in control. The hydraulic oil circuit supplies oil to the power assisted steering system via a load sensing valve, guaranteeing full steering assistance in every speed range. When it comes to stopping, CS PRO is again the superior product. Five large brake discs in both rear axle housings are oil cooled from the hydraulic circuit for fade free performance and under braking 4WD is engaged to increase retardation further. For intensive road transport hydraulic trailer brakes make CS PRO as confident on the road as any truck.



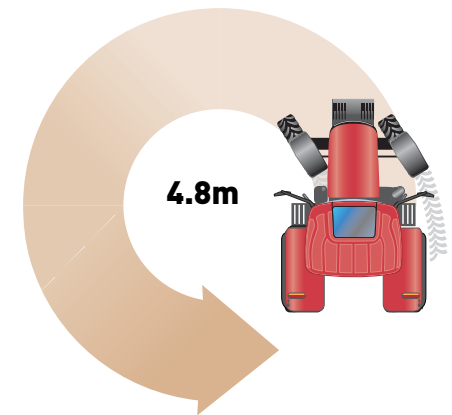
Automatic 4WD and Diff Lock for more control. For increased work efficiency the 4WD and differential locking control has been partially automated:

OFF
Used only while the tractor is stationary and when the service brake is applied.

AUTO
The Diff Locks are released when the hitch is raised or driving speed exceeds 14kph.

ON
The front and rear differential locks can be actuated together or separately as desired at any driving speed. They only release automatically if a steering brake is applied.

► **Turning radius of 4.8 metres.** Excellent manoeuvrability at headlands, and around the farmyard.



OUR SYSTEMS APPROACH

DEALER

Skilled business advisor at your dealership.

Demand more from your Case IH dealership.

Purchasing a stand-alone piece of new equipment? Keeping a whole fleet up-to-date? Whatever your size of operation, contact your local Case IH dealership for professional advice on finance and future-safe business investment. Case IH knows your farming needs best.

PARTS & SERVICE

Maintain the productivity of your investment. Case IH and its dedicated dealer network provide excellent support when you take delivery of your new machine and whilst it remains in your ownership. On the farm, you can rely on trained service professionals to maintain the productivity of your investment. Protect the value of your investment. Behind every Case IH product stands an extensive European parts logistics organisation, stocking more than 700,000



part numbers for products old and new. Choosing to fit genuine Case IH parts will maintain the safety, value and performance of your original investment.

FINANCE



Your local Case IH dealer can work with CNH Capital to offer solutions that best fit your budget and business goals. At CNH Capital, we understand that no two farms or agricultural businesses are the same. That's why we work so hard to understand your needs first. We make it our job to know your business inside and out – your goals, your ideas, and your unique outlook on the future. Then we can put together financial solutions and services that are right for you.

MAX
00800 227344 00
00800 CASE IH 00
100% Support
100% Availability

◀ **MAX - the new premium service from Case IH.** We are always ready for you, around the clock, the whole year. Express delivery: when and where you need it. You get top priority during the season because your harvest cannot wait.

The call is free. However some European Operators may apply a charge, if the call is made from a mobile phone. For any information about charge rate, please enquire in advance from your provider.



◀ **Extended protection programme.** Case IH is at your side giving you the best professional solution: Safeguard from Covéa Fleet. This is the personalised insurance coverage for your Case IH machinery. Please contact your dealer for more details. Subject to status and availability. Terms and conditions apply.



SPECIFICATIONS

MODELS	CS 105 PRO
ENGINE	
No. of cylinders / capacity (cm ³) / type	4 / 4397 / Turbocharged & Intercooled
Rated engine power ECE R120 ²⁾ @ 2,300rpm (kW/hp(CV))	74.5 / 101
Max. engine power ECE R120 ²⁾ @ 2,100rpm (kW/hp(CV))	75 / 102
Max. torque ECE R120 ²⁾ @ 1,400rpm (Nm)	397
Torque rise acc. OECD (%)	38
TRANSMISSION	
Type	Two-speed Powershift, 40kph, 4 speeds, 2 ranges, 2 speeds Powershift and Powershuttle
Number of speeds (FxR)	16x8
DRIVE AND STEERING	
Drive type	4WD, electro hydraulic selectable with optional Management system
Front axle type	Limited slip diff lock or hydraulical locking front differential
Steering	Hydrostatic load sensing system
Steering angle / Turning radius (degrees / m)	50° / 4.8
POWER TAKE OFF	
Speeds (rpm)	430 / 540 / 540E / 1000
Engine speeds (rpm)	2130 / 2045 / 1506 / 2130
Ground speed PTO (m/rpm)	14.07
Front PTO ^{*1)} (rpm)	1000
HYDRAULIC SYSTEM	
Max. pump flow and system pressure (l/min / bar)	86 / 175
Control type ^{*1)}	EHC (electr.hitch control with ride control) or ELC (electr.hitch position control)
Max. lift capacity (kg)	4900
Max. number of remote valves	2 mechanical and up to 3 electrical, loadsensing
Front hitch lift capacity (kg)	2500
WEIGHT ^{*1)} & DIMENSIONS ¹⁾	
Minimum weight / Permissible total weight (kg)	4180 / 7200
Max. length / Max. width (mm)	4215 / 2170
Max. height low-/high roof (mm)	2587 / 2732
Wheel base (mm)	2481
STANDARD TYRES ^{*1)}	
Front / Rear	480/65 R24 / 540/65 R38


^{*1)} to comply with legislation and specification in your country 1) With Standard tyres 2) ECE R120 correspond to ISO 14396 and 97/68/EC

LRX LOADERS	LRX 1095	LRX 1100	LRX 1120
Max. lift capacity (kg)	2050	2532	2310 / 2582 ¹⁾
Max. height (mm)	3755	3755	4084
Power range (hp)	60-95	70-95	80-120

1) Hydraulic self-levelling Model

CASE IH: FOR THOSE WHO DEMAND MORE

WWW.CASEIH.COM

 Safety never hurts! Always read the Operator's Manual before working with any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided.

This literature has been published for worldwide circulation. The standard and optional equipment and the availability of individual models may vary from one country to the next. Case IH reserves the right to undertake modifications without prior notice to the design and technical equipment at all times without this resulting in any obligation whatsoever to make such modifications to units already sold. Whilst every effort is made to ensure that the specifications, descriptions and illustrations in this brochure are correct at the time of going to press, these are also subject to change without prior notice. Illustrations may show optional equipment or may not show all standard equipment.

Case IH recommends **AKCELA**™ lubricants

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