



QUANTUM C SERIES

65 - 97HP RATED POWER



High Performance. High torque, low revving, fuel efficient four cylinder engines are at the heart of the successful QUANTUM C formula.

Agility comes as standard. The short wheelbase and tight turning circle gives the QUANTUM C superb manoeuvrability.

High ground clearance. With its ample ground clearance the QUANTUM C straddles growing crops and swathes of cut material without risk of damage or crop wrapping.

Access all areas. At 2.42m cab height, entry to low roof buildings and polytunnels is easy whilst the folding ROPS versions go even lower.

CASE IH QUANTUM C - THE HIGH ENERGY PERFORMER AT EASE IN EVERY APPLICATION.



Front hitch and PTO available. The big capacity chassis-mounted hitch and 1000rpm PTO combination is designed to give you even more possibilities to increase efficiency.

Versatile hydraulic power. With a choice of rear or mid mounted hydraulic packages, hydraulic flow can be directed as required to control the most complex of machines.

PTO speeds for every implement. Combinations of 540, 540 Economy for low power applications, 1000 for high speed tasks and ground speed for specialist implements can be specified.

Choice of transmissions. Boost productivity by specifying the 2 speed Powershift with Powershuttle or a creep speed range for precision in low speed applications.

QUANTUM C - THE IDEAL FORMULA

COMPACT DIMENSIONS FOR INCREDIBLE MANOEUVRABILITY, CHOICE OF CAB OR PLATFORM VERSIONS, HUGE RANGE OF CAPABILITIES. CASE IH QUANTUM C – JUST WHAT YOU’VE BEEN LOOKING FOR.

Compact and Capable. If you have been looking for a lightweight all-rounder, but think smaller tractors lack the specifications of their heavier stable mates, look again - at the Case IH QUANTUM C! This high energy performer combines the best of compact utility tractor engineering with the advanced technological features you will be familiar with from larger machines, and now expect from Case IH.

QUANTUM C does the business. Let the QUANTUM C run your errands and put in a full day’s work in the field. At home on grassland, dairy, livestock, arable, poultry and vegetable farms, this versatile utility tractor is equally capable in vineyards, orchards, parks and botanical gardens.

Specified to your application. With an extensive range of factory options from front linkage and pto, to turf, industrial or agricultural tyres QUANTUM C will arrive fully equipped and ready to work. In addition, cab versions can be customised with factory installed high performance anti-pollen filtration or chemical absorbing carbon filters to suit the intended application.



Model	Power
Case IH QUANTUM 65 C	65/48
Case IH QUANTUM 75 C	78/57
Case IH QUANTUM 85 C	86/63
Case IH QUANTUM 95 C	97/71

▲ The new Case IH QUANTUM C range has all the versatility you need in a compact, highly manoeuvrable tractor.

▼ **Easy access.** Wide opening glass doors and a full height cab entrance make it easy to enter the cab from either side.

▼ **Adjust to your posture.** The drivers' seat and steering column are fully adjustable to achieve the most comfortable working position for operators large and small.

▼ **Air conditioning.** The optional factory installed system ensures a cool operating environment and a rapid demist despite the outside temperature.

▼ **Excellent visibility.** The big glass area ensures unrivalled visibility. A rear wash / wipe can be specified to maintain the view whatever the external conditions.



▲ **Suspended platform.** Platform and cab tractors both benefit from suspension of the entire operator zone and their controls to limit harmful vibration and reduce excessive noise.

▲ **Minimum height.** In circumstances where the maximum clearance is required, the ROPS of platform tractors can be folded and a horizontal exhaust specified.

▲ **Clear instrumentation.** The dashboard mounted instruments monitor and inform on every tractor function to ensure clear and concise information.

▲ **Low effort.** Both cab and platform version feature the same logical control layout with clearly identified controls which fall readily to hand.

CAB AND CONTROLS

COMPACT ON THE OUTSIDE, BIG ON THE INSIDE.

REGARDLESS OF THE WORK YOU WILL BE PLEASED TO HAVE THE CASE IH QUANTUM C ACCOMPANY YOU ALL DAY. SUSPENSION OF THE OPERATOR AREA MAKES THE PLATFORM VERSION QUIET AND SMOOTH TO DRIVE. THE CAB VERSION OFFERS AN UNRESTRICTED VIEW AND PROVIDES A MORE COMFORTABLE WORKSTATION WITH THE OPTION OF AIR CONDITIONING.

QUANTUM C goes large on visibility. The sleek Case IH styling does not just look good on the QUANTUM C, it also provides you with an unrestricted view of the work area. To the rear you have an excellent view of the hitch – ideal for swapping implements and manoeuvring around the yard. On the road the QUANTUM C behaves admirably, giving you a good feel for what other road users are up to in traffic.

Big tractor comfort. There is plenty of room inside this cab for the largest and tallest of operators to feel comfortable. The glass doors open wide to allow you to enter the cab with ease from either side. Whether you are hopping in and out of the cab all day, or settle in for a day in the field, the new luxury seat with lumbar support makes the QUANTUM C a joy to ride.

Logical controls, smart instrumentation. The QUANTUM C controls are well laid out and easy to learn. You quickly become acquainted with the operation of this tractor so it is ideal if you employ casual labour too. The instrumentation cluster combines analogue gauges with digital displays in the best of both worlds for clear at-a-glance information.



◀ Compact dimensions combined with excellent manoeuvrability allow the QUANTUM C access to any job.



▲ Quiet, low vibration ride thanks to the QUANTUM C suspended platform.



▲ Clear and accessible work station with logically positioned controls makes QUANTUM C easy to operate.

Superior performance in cold climate conditions. A viscous fan enables the engine to get to operating temperature quicker, promoting working in the coldest of climates.

Awesome torque reserves. With up to 46% torque reserve QUANTUM C engines are always ready to deliver a bit extra when you need it most.

Powerful 4 cylinder diesel engines.

With 3.2 litre or 4.5 litre displacement, the engines of QUANTUM C are in a class of their own when it comes to available torque, speed of response and fuel efficiency.

Full engine access. When it comes to servicing, the hood raises completely to allow access to all engine components, whatever implement is attached.

High-strength lightweight engine construction.

In keeping with the QUANTUM C concept, the engine design has been refined to increase strength while minimising overall tractor weight.

Precise fuel injection. Rotary injection pumps precisely meter fuel delivery to provide a rapid response to changing power demands.

Environmentally friendly.

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

Biodiesel approved. QUANTUM C engines can run on up to 100% (B100) Biodiesel.



POWERFUL ENGINES TO MEET YOUR NEEDS.

WITH FOUR MODELS RANGING FROM 65 TO 97 HORSEPOWER, THE CHOICE IS YOURS. THESE HIGH-PERFORMANCE UTILITY TRACTORS ARE ENGINEERED TO MEET YOUR PRECISE NEEDS.

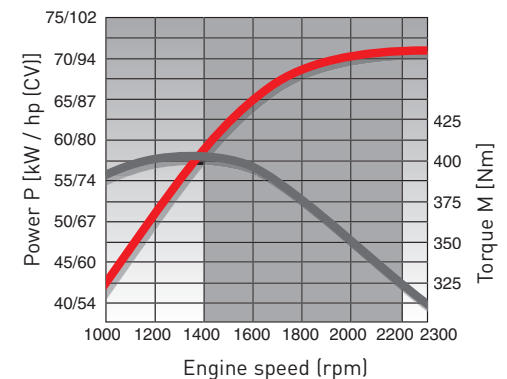
Big response from the lightweight QUANTUM C. Take command with the versatile and agile QUANTUM C, the light-footed tractor that delivers big tractor performance. High PTO power and an exceptional power to weight ratio enables you to begin work earlier in the season or operate on tender ground without fear of damage or compaction. With a torque reserve of up to 46% you can rely on a big response from your QUANTUM C.

Environmentally-friendly tractors. QUANTUM C engines exceed all the latest legislation regarding noise and exhaust emissions. Quiet running, and with the option of A pillar exhaust (cab versions) these tractors are easy on the operator and the environment. For orchard applications there is a low level horizontal exhaust.

Get going and keep going. Full access to the engine is provided with the hood raised, so daily checks are quick and easy even with front mounted implements fitted. Excellent starting performance in all weather conditions gives you reliability in every season. A large fuel tank keeps you working all day long and is easy to fill from ground level.



QUANTUM C
POWER CURVE



▲ **Turbocharged and intercooled.** All engines are equipped with big capacity turbocharger and air to air intercooler to boost thermal efficiency and extract the maximum power from every drop of fuel.

◀ The 4 cylinder engines of QUANTUM C tractors deliver plenty of power and torque to tackle every task.

Fully synchronised gear shifting. All gear changes are synchronised for easy and low effort changes.

Select the level of sophistication. With a range of transmission features on offer, you can choose between the simplicity of manual gear selection or low effort hydraulic operation.

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.



16 x 16 transmission with mechanical shuttle or powershuttle provides a comprehensive speed progression up to 40kph.

32 x 16 transmission with mechanical shuttle and splitter or powershuttle with 2 speed powershift doubles the number of forward speeds.

28 x 16 transmission with mechanical shuttle and creep speed range to match travel speed to every task whether fast or slow.

44 x 16 transmission with powershuttle, 2 speed powershift and creep speed range for the ultimate sophistication.

CHOICE OF TRANSMISSIONS TO TAKE ON YOUR WORK.

THE EMPHASIS WITH THE QUANTUM C IS ON CHOICE AND VERSATILITY. ALL QUANTUM C TRANSMISSIONS ARE PRECISION ENGINEERED WITH SMOOTH-OPERATING SYNCHROMESH GEARS TO TAKE ON YOUR WORK EFFORTLESSLY.

Reliable transmission engineering. Both the manual and Powershift versions are equipped with a heavy duty self-adjusting clutch to make sure power is transmitted smoothly and instantaneously to the tractor's wheels.

Powershift for effortless gear changes. Within two speed ranges, the operator can change gear smoothly - without using the clutch - just by pressing a button. This technology has undergone years of rigorous duty in the field on larger Case IH tractors. Now available on the QUANTUM C you will be able to get the most out of field and yard jobs as well as road operations.

Powershuttle puts manoeuvrability at your fingertips. Like larger Case IH tractors, the QUANTUM C can be equipped with a Powershuttle lever integrated into the steering column. In this position, the operator is able to keep both hands on the wheel while flicking the Powershuttle lever to change direction.

Low speed precision. When planting or harvesting high value crops, the creep speed option with speeds as low as 300m/h gives you the precision to get the job done accurately. Creep speed is provided by a separate range ensuring all the existing speeds within the gearbox are unaffected.

► The powerclutch button in the head of the main gear lever, allows the operator to change any of the main gears without operating the clutch pedal



▲ Creep speed option. Extends QUANTUM C versatility to low speed applications.



▲ Just flick the Powershuttle lever to change direction.

Big capacity. With a rear linkage capacity of over 2900kg and a separate pump serving the external hydraulic circuit, QUANTUM C is never short on ability.

Easy hook up. Specify the hook type link arms and external linkage control to make light work of hitching even the most awkward implements.

Multiple operation. With up to 4 double acting remote valves it is possible to control the most complex machines with ease.

Mid mount remotes. 2 double acting front or mid mount services can be supplied from this valve which is controlled by joystick.



Multispeed pto. A range of pto output speeds is available, including 540 for standard use, 540 Economy for low power applications and 1000 for high speed, high power tasks.

Proportional Ground speed. For specialist machinery, this option enables the shaft output speed to be synchronised with tractor travel speed.

Front 1000rpm pto. This option which can transmit full engine power is carefully integrated into the tractor design to maximise versatility.

Front linkage. To boost the versatility of QUANTUM C, this powerful factory mounted linkage is capable of handling front mounted implements with ease.

HYDRAULICS AND PTO

YOUR QUANTUM C TRACTOR IS READY TO TAKE ON EVERYTHING.

SMALL TRACTOR, BIG PERFORMER. AS IN ALL OTHER ASPECTS, QUANTUM C DELIVERS THE HYDRAULIC AND PTO PERFORMANCE OFTEN CONSIDERED ONLY POSSIBLE FROM MUCH LARGER TRACTORS.

Powerful hydraulic systems. Optimised hitch geometry enables heavy loads to be lifted quickly and efficiently. Whether you choose the simplicity of mechanical or the precision of electronic control for the 3-point hitch, all draft sensing is through the lower links for consistent performance. QUANTUM C has two separate hydraulic systems; one dedicated to the steering with a second for the hitch and remote valves. The 48l/min pump supplying the rear hitch and remotes ensures rapid response and a 2900kg lift capacity. A higher 62l/min flowrate pump is available for more demanding applications.

Easy to use auxiliary connections. Available with up to 4 double acting remote valves and the possibility to electrically divert flow on 2 double acting valves, it is possible to operate a machine or combination of machines which may require up to 6 separate double acting functions. For convenience with front mounted implements 2 valves can be specified as mid mounted. Each connection features number coded push/pull connectors that can be operated with one hand.

Three PTO speeds for maximum versatility. With up to 3 PTO speeds (540 / 540E / 1000) the QUANTUM C puts you in a position to handle a whole year's worth of work. Power harrows, seed drills, sprayers and mowers, grit spreaders, snow blowers, hedge trimmers and toppers – the QUANTUM C is ready for all seasons.

Optional front linkage and PTO. Extend the versatility and working season of your QUANTUM C by front mounting implements. With better visibility to the working implement, more accurate operation and faster work rates are possible. The system has been integrated into the QUANTUM C tractor design to deliver a lift capacity of 1660kg and transmit full engine power at the 1000rpm front PTO.

◀ Hitch and electronic draft controls are close at hand for maximum productivity.

▼ Powerful 1660kg front linkage is incorporated into tractor design for the optimum performance and minimum stress on the vehicle.



▼ The mechanical hitch control features an easy to use quick raise and lower control.



Manoeuvrability in the field and around the yard. An impressive 55° steering angle, 11° axle oscillation and short wheelbase ensure maximum agility.

Stability on slopes. The low centre of gravity and wide track ensure stability across slopes or when working on steeply sloping banks.

Big tractor traction. The option of positive differential locking ensures maximum traction whatever the ground conditions.

Safety on the road. In high speed transport, the benefit of automatic 4WD braking helps reduce stopping distance.



2WD version. In light duty applications, the simplicity of the 2WD version may prove more appropriate.

Agricultural tyre options. QUANTUM C is available with many tyre options including narrow tyres for inter row cultivation tasks or wide tyres for reduced ground pressure.

Turf tyre options. QUANTUM C can be supplied on specialist turf tyres with non aggressive tread patterns to minimise damage to valuable turf.

Industrial tyre options. QUANTUM C can be equipped with hard wearing block pattern tyres for smooth road travel and extended operating life on paved surfaces.

QUANTUM C SERIES TRANSLATES POWER INTO PRODUCTIVITY.

THE CASE IH QUANTUM C RAPIDLY ADAPTS TO NEW TERRAIN AND OPERATING CONDITIONS. THE FLEXIBILITY BUILT INTO THE ENGINE AND TRANSMISSION IS TRANSLATED BY THE QUANTUM C'S DRIVELINE FEATURES INTO PURE TRACTION AND RESPONSIVENESS IN ALL SITUATIONS.

Rear differential lock for maximum traction. Your QUANTUM C copes easily with the roughest conditions, the rear differential lock ensuring slipping is prevented and full power is conveyed to the ground through both rear wheels.

Maximum stopping power. Press both brake pedals and the QUANTUM C will virtually stop on the spot. Your QUANTUM C can be supplied with front axle disc brakes, plus, when the brakes are applied, 4WD is engaged electrohydraulically to deliver real braking force. In road haulage, the optional hydraulic trailer brake valve synchronises tractor and trailer braking to keep heavy towed loads under control.

Tyres to suit your application. Quantum C can be specified with factory fitted wide low ground pressure tyres for fine turf work on golf courses, non-aggressive turf patterns for sports pitches, industrial block pattern tyres for continual road work or conventional agricultural tyres.



► Wheel and tyre equipment appropriate to your enterprise is available.



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 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
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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

	QUANTUM 65C	QUANTUM 75C	QUANTUM 85C	QUANTUM 95C
ENGINE				
No. of cylinders / capacity (cm ³) / type	4 / 3200 / Turbocharged and Intercooled		4 / 4500 / Turbocharged and Intercooled	
Rated engine power ECE R120 ¹ @ 2,300rpm (kW/hp[CV])	48 / 65	57 / 78	63 / 86	71 / 97
Max torque ECE R120 ¹ @ 1,300rpm (kW/Hp[CV])	290	330	363	398
Torque rise acc. OECD (%)	46	39	39	35
Fuel tank capacity - standard / optional (litres)	75	75	88	88
TRANSMISSION				
Synchro - Standard / Optional	16 Fwd / 16 Rev with mechanical shuttle / 32/16 with mechanical shuttle and splitter			
Powershuttle - Standard / Optional	32 Fwd / 16 Rev with 2 speed Powershift / 16 Fwd / 16 Rev			
Creep speed - Synchro / Powershuttle	28 Fwd / 16 Rev with mechanical shuttle / 44 Fwd / 16 Rev with Powershuttle			
DRIVE AND STEERING				
4wd front axle standard	electro-hydraulic engagement with limited slip differential lock			
4wd optional feature	electro-hydraulic fully locking differential			
Turning radius 2wd / 4wd	3670 / 3845		3670 / 3890	
POWER TAKE OFF				
Type	electro-hydraulic engagement			
Rear speeds available	540 / 540E / 1000rpm + Proportional Ground Speed			
Front pto (rpm)	1000	1000	1000	1000
HYDRAULIC SYSTEM				
Max pump flow - steering / hitch and external services	28l/min / 48l/min (optional 64l/min with high flow pump)			
Remote valves	max 4 rear or 2 rear and 2 mid mounted			
Control type	EHC [Electronic Hitch Control] or MHC [Mechanical Hitch Control]			
Rear lift Capacity (kg)	2900	2900	2900	2900
Front hitch lift capacity (kg)	1660	1660	1660	1660
WEIGHT AND DIMENSIONS				
Minimum weight* / Permissible total weight* (kg)	3070 / 5250	3070 / 5250	3150 / 5250	3200 / 5250
Max length / Min - Max track width (mm)	3637 / 1260 - 1930		3724 / 1260 - 1930	
Max height standard cab (mm)	2325		2425	
Max height over ROPS folded / unfolded (mm)	2135 / 2390		2235 / 2490	
Wheelbase - 2wd / 4wd (mm)	2175 / 2098		2262 / 2185	
STANDARD TYRES				
Front 2wd / 4wd	6.50-16 / 300/70 R20	6.50-16 / 300/70 R20	7.50-16 / 11.2 R24	7.50-16 / 11.2 R24
Rear	13.6 R28	13.6 R28	16.9 R30	16.9 R30


* 4wd cab tractor

1) ECE R120 correspond to ISO TR14396



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

CNH UK Ltd., Cranes Farm Road, Basildon, Essex SS14 3AD

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