



**856XL 956XL  
1056XL**



# CASE IH

## The commitment

The Case IH range of tractors is one of the most comprehensive in the industry, and it is also one of the most advanced.

With a commitment to bring the farmer the highest quality products at a most competitive price, Case IH employs the finest technology in its manufacturing operations, backed by the most extensive research and development programmes you'll find in the agricultural industry. That's why Case IH tractors lead in design, quality and value for money.

But it doesn't stop there!

### **The 56 Series**

Case IH products are supported by the industry's largest and most experienced dealer organisation, with more than 200 highly experienced tractor dealers in the UK and Ireland, so wherever you farm you can rely on experienced fully trained personnel, offering the best in total parts and service support.

Case IH is sustained and supported by Tenneco Inc. a diversified energy company, which is one of the 20 largest industrial companies in the U.S.A., and ranks amongst the top 40 worldwide.

These tractors powered by the proven Case IH 4 and 6 cylinder engines coupled with the rugged 16 speed transmission and sens-o-draulic hydraulic system, have earned themselves the reputation of being one of the most productive and reliable tractor ranges available today.



The 856, 956 and 1056 really get the power where it is needed. The 85hp 856 with its 4 cylinder turbo charged engine, and the 95hp and 105hp, 956 and 1056 with 6 cylinder naturally aspirated engines deliver power to the wheels and pto very efficiently with up to 80hp being available at the pto on the 856, 89hp on the 956 and 98hp on the 1056.

The centre mechanical four-wheel drive gives these tractors the ability to work in all types of terrain with standard limited slip differential, on-the-go engagement, exceptional ground clearance and a very tight turning circle.

A further feature is the luxurious XL Control Centre. Superbly designed to the highest standards of safety and comfort, it enables operators to enjoy peace of mind and achieve the best results with the minimum of effort.





# The ultimate in luxury and comfort

The more comfortable the operator, the more efficiently he will do his job. This fact was one of the main criteria when the designers sat down to create the XL Control Centre.

Designed around the strongest natural shape known to man, the egg, the XL Control Centre is unique in appearance and in benefits.

The whole XL Control Centre is iso-mounted to the body, reducing engine vibration to the minimum. Increased sound insulation in the floor, walls and roof, specially developed by

## **XL Control Centre**

Case IH engineers, cuts down noise drastically.

Visibility in the XL Control Centre is second to none with the tinted front windscreen stretching from floor to ceiling giving unimpaired vision of the front wheels, and curved glass with no pillars in the rear three-quarter view point gives maximum visibility to all the important areas for safer operation.

The seat on the 56 Series tractors is fully adjustable for weight, height and fore and aft position, and has been designed to give the correct support to the drivers and to reduce fatigue.

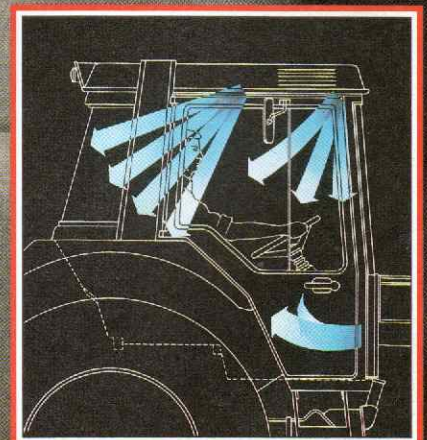
The position of the pedals and levers in the cab have been ergonomically designed with the minimum of effort required for operation.

The standard heating and ventilation system is designed for total efficiency to create the ideal working environment in all conditions.



The air is circulated through nine outlets in the door pillars and cab roof. In addition, the roof hatch, rear and side windows can be opened to increase ventilation.

Full air conditioning is optional on the 956 and standard on the 1056, to provide complete climatic control for the operator, allowing long hours of operation without fatigue.





# Strong on economy — high in performance

## A Speed for all Jobs

Power from the dependable engines is transmitted through the hardwearing 12.2in. cerametallic clutch, to the versatile synchro mesh transmission. All 56 Series tractors have 16×8 speeds with fully synchronised high, low and reverse sections. A 40 km/h version is standard in the 1056 and optional on the 856 and 956 4WD versions which improves travel times on the road and reduces engine speed and fuel consumption at the maximum legal road speed.

The 56 Series tractors are equipped with engines that are designed and built by Case IH at one of the finest engineering centres in Europe.

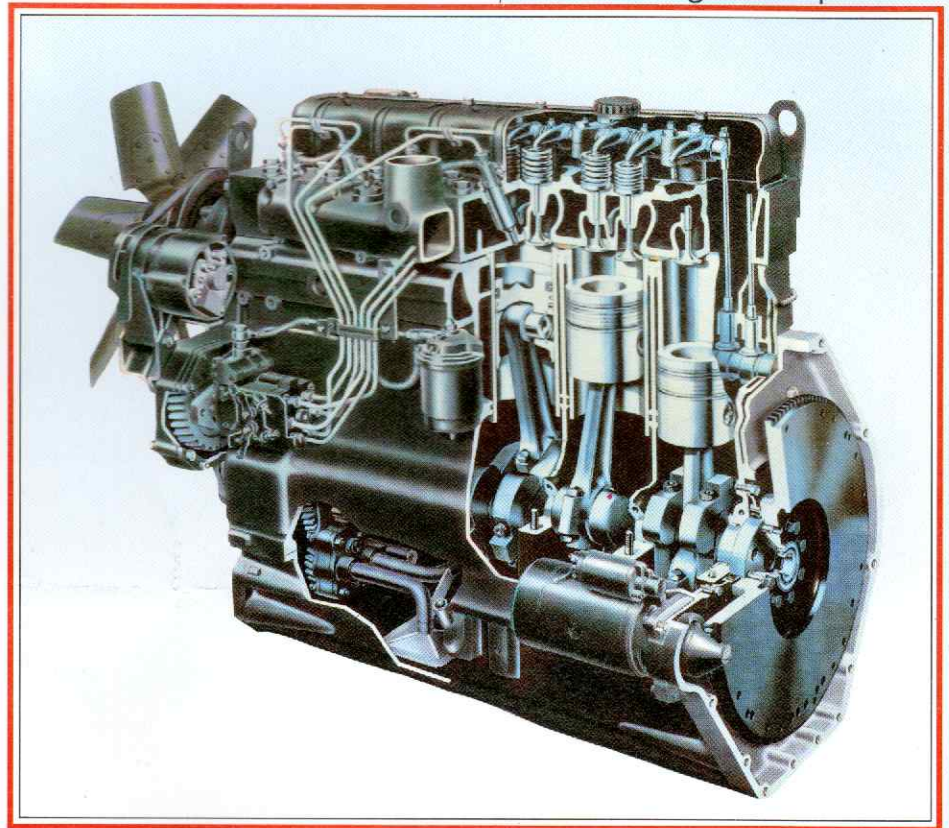
They have earned themselves a reputation for dependability and high output coupled with a high torque rise giving them superior lugging ability to pull through those tough spots.

Equally as important the engine must be dependable and fuel efficient under all conditions. Case IH engines conform to rigid standards of manufacture and quality control which have gained

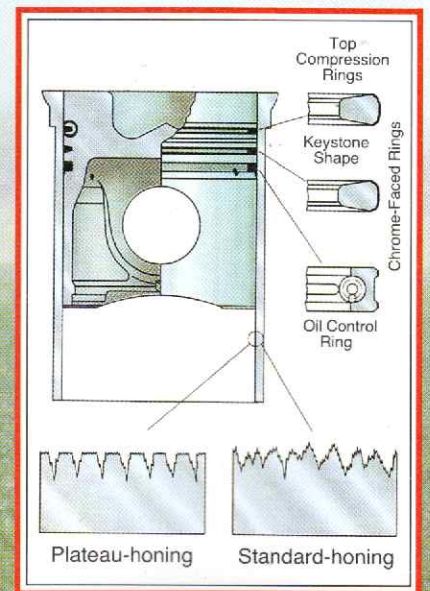
## Engines

them a world reputation for endurance and reliability.

The 56 Series engines feature a cross flow cylinder head for improved air flow, cylinder liners which are centrifugally processed and then plateau-honed to the exact degree. This gives them an almost instant break-in and reduces oil consumption helping the engine to run cleaner and last longer. Pistons are made from silicon alloy with a nickel alloy insert and can withstand extremely high temperatures when operating constantly under heavy loads. The camshaft and rocker shaft, are deep-nitroc hardened for extra strength and durability, and it also provides bearing journals with dry running characteristics and complete protection against corrosion.



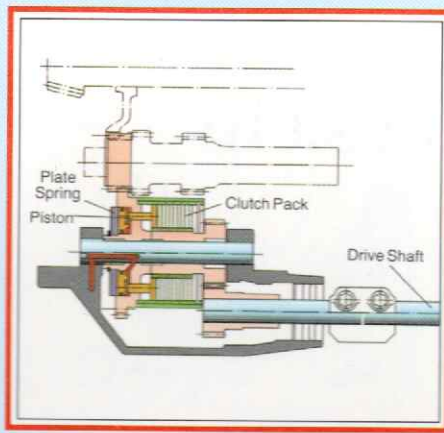
Overall the 56 Series engines are the latest in a long line of highly successful engines built to the highest standards and tested to the full.



## Centre Mechanical Four-Wheel Drive

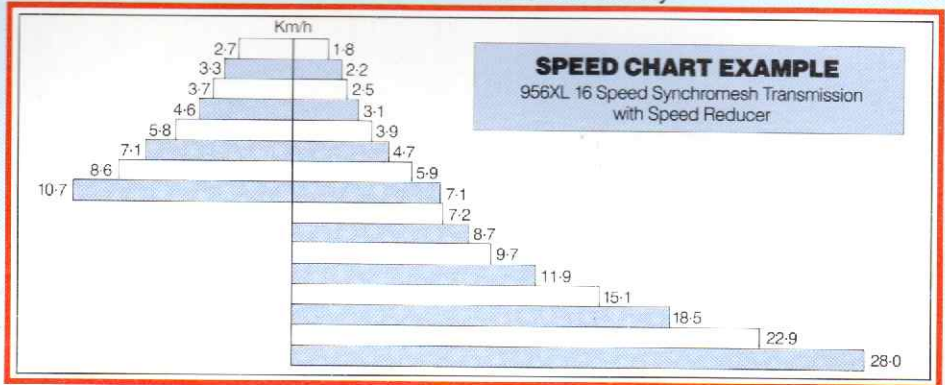
The 856 and 956 are available in two and four-wheel drive and the 1056 in four-wheel drive only. The centre mechanical front drive has numerous advantages for the operator which also relate to improved field performance.

The drive to the front axle can be engaged or disengaged under load at the flick of a switch. The power is transmitted through a multi-plate disc clutch, and a fully guarded central drive shaft to the standard central limited slip differential. The guard leaves the underside of the tractor completely flat and eliminates crop wrapping. The steering knuckles are fitted with double universal joints which provide smoother steering and improve driver comfort. These joints together with the use of a 6° castor angle allow the wheels to turn tighter, depending on tyre size, which means easy manoeuvring in tight spaces and at headlands. A 12° oscillation of the axle plus exceptional ground clearance is more than enough to cope with the roughest of terrains.



## Disc Brakes

The hydraulically actuated disc brakes are mounted on the half shafts, so that they are totally enclosed and protected from dirt. Self-balancing, self-adjusting they keep maintenance down to a minimum and ensure maximum braking at all times. Additionally the 1056 with its 40 km/h transmission has extra braking by engaging the front axle as soon as the foot brakes are operated, for improved stopping power and added safety.



## Powerful Power Take Off

The 56 Series tractors are renowned for their overall efficiency, especially at the pto. With the 856 delivering up to 80hp, 956 89hp and the 1056 98hp at the pto, backed up by the engine's excellent torque characteristics to keep your attachments working to their best ability all the time.

Also a hydraulic trailer brake is standard equipment, which is directly linked to the service brake to enable trailer and tractor to be braked simultaneously

## Transmission



# The world's most advanced hydraulic system

The unique Case IH Sens-o-draulic system with lower link sensing offers unparalleled precision and finger tip control over mounted implements.

The seven component Sens-o-draulic system which automatically senses and adjusts the draft and position control, works on hydraulic pressure. There are no mechanical linkages and, therefore, wear and the need for maintenance have been greatly reduced.

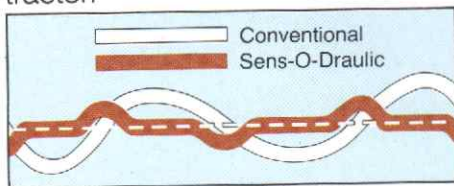
The main controls are located conveniently to the right of the driver's seat and there's a remote

## *Sens-o-draulic*

position control dial mounted on the rear fender which allows for easier coupling of the three point linkage.

### **Greater Productivity**

The use of the hydraulic linkage system ensures greater accuracy and sensitivity of the implement. Therefore, the Sens-o-draulic system ensures that you are able to maintain, and return to the best setting according to the work and soil conditions. Even while giving priority to the position control, the Sens-o-draulic system enables the operator to maintain a constant and efficient draft control setting. These unique features give you a better use of power in all conditions and significantly improve the productivity of the tractor.



### **Powerful Hydraulics**

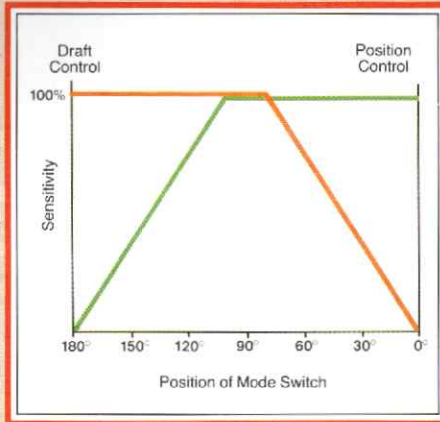
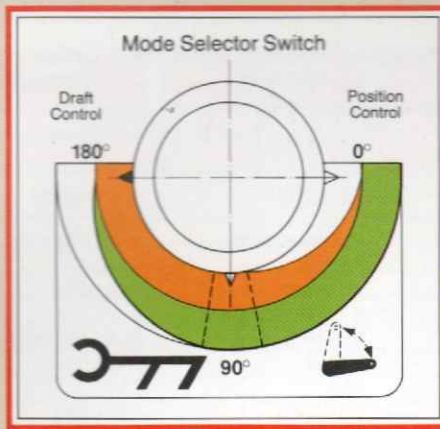
Power for the main hydraulic functions comes from two high capacity engine-mounted pumps, which provide a massive lift capacity at the rear linkage, that is more than ample to handle the largest implements with ease. Two auxiliary valves are fitted as standard with an optional third, giving flow rates of up to 60 litres/min (1056) available, they operate rams, motors and loaders effortlessly.

## Three Point Linkage

Standard equipment on the 56 Series is category II with lower link sensing, telescopic stabilizers, automatic pick-up hitch and reversible drawbar. An assister ram is fitted to the 1056 as standard giving additional lift capacity.

As an alternative to ballends on the linkage, you can specify quick couplers to enable quick and easy coupling of even the heaviest of implements.

- 1 Setting control lever, sets height or depth of implement.
- 2 Mode selector gives either position or draft control or any combination of the two.
- 3 Main control lever, once the implement is set, this lever controls the fast raise, work, lower and float.
- 4 Safety lock, when in transport position, the safety lock restricts movement of main control lever. When operating pto implements engage the safety lock to prevent damage to the power shaft through inadvertent lifting.



## Exterior Control

Remote control dial on the right-hand rear fender makes it easier and safer to hitch up.



**SPECIFICATIONS**
**856XL**
**956XL**
**1056XL**
**ENGINES**

Max. power (Din net)	85hp/63kW	95hp/70kW	105hp/77kW
Rated engine speed	2300	2200	2300
Max. torque	322Nm @ 1400	364Nm @1400	378Nm @ 1400
Torque at rated speed	264Nm	307Nm	321Nm
Fuel at max. power	233g/kWh	242g/kWh	242g/kWh
No. of cylinders	4	6	6
Bore x stroke	98.4x128.5mm	98.4x128.5mm	98.4x128.5mm
Capacity	3911cc	5867cc	5867cc
Compression ratio	16:1	16.5:1	16.5:1
Governed range	650-2490	750-2380	750-2500
Clutch diameter	12.2in/31cm	12.2in/31cm	12.2in/31cm

**TRANSMISSION**

Synchromesh with Speed Reducer 16x8	Standard	Standard	Standard
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**POWER TAKE OFF**

Two speed 540/1000	Standard	Standard	Standard
Max. power	80hp/59kW	89hp/65.5kW	98hp/72.2kW
Power at 540 rpm	75.7hp	81.5hp	91hp
Power at 1000 rpm	78hp	82.8hp	92hp
Engine revs. at 540/1000	1920/2000rpm	1920/2000rpm	1920/2000

**HYDRAULIC SYSTEM**

Max. pressure	2346lb/in <sup>2</sup> 165kg/cm <sup>2</sup>	2346lb/in <sup>2</sup> 165kg/cm <sup>2</sup>	2346lb/in <sup>2</sup> 165kg/cm <sup>2</sup>
Max. flow	10.5gal/min 47lit/min	12.8gal/min 57lit/min	13.5gal/min 60lit/min
Power	9.9hp/7.3kW	12.9hp/9.5kW	14.6hp/10.8kW
Lift at hitch points, horizontal links	-	8005lb/3632kg	-
With assister	8071lb/3661kg	9833lb/4460kg	9833lb/4460kg
Linkage category	II	II	II

**DRAWBAR**

Max. pull MFD	15430lb/7000kg	17855lb/8099kg	18116lb/8217kg
Max. power MFD	70.2hp/51.7kW	78.5hp/57.8kW	84.8hp/62.4kW

**STEERING**

Type	Hydrostatic	Hydrostatic	Hydrostatic
Turning radius with brakes	150in/380cm	173in/440cm	-
without brakes	169in/430cm	199in/505cm	-
MFD with brakes	157in/400cm	177in/450cm	177in/450cm
MFD without brakes	177in/450cm	199in/505cm	199in/505cm

**ELECTRICAL**

Alternator	33amp	55amp	55amp
Battery	12volts	12volts	12volts

**CAPACITIES**

Fuel tank	23.3gal/106lit	30.8gal/140lit	30.8gal/140lit
Cooling system	4.6gal/21lit	5.3gal/24lit	5.3gal/24lit
Engine sump	2.6gal/12lit	2.6gal/12lit	2.6gal/12lit
Transmission case 2WD	9.2gal/42lit	9.2gal/42lit	-
MFD	10 gal/45.5lit	10.1gal/46lit	10.1gal/46lit

**DIMENSIONS**

Wheelbase 2WD	93.9/239cm	103.4in/263cm	-
Wheelbase MFD	93.5in/237cm	103.9in/264cm	103.9in/264cm
Width - min. track	80.7in/205cm	91in/230cm	91in/230cm
Height to cab	105in/267cm	109in/278cm	109in/278cm
Front track - 2WD	53-72in/134-182cm	64-76in/163-193cm	-
Front track - MFD	59-71in/149-179cm	67-83in/170-210cm	67-83in/170-210cm
Rear track	62-78in/157-197cm	67-87in/170-220cm	67-87in/170-220cm

**WEIGHTS**

Standard specification			
2WD - Front	3042lb/1380kg	3284lb/1490kg	-
Rear	5289lb/2400kg	5642lb/2560kg	-
Total	8331lb/3780kg	8926lb/4050kg	-
MFD - Front	3791lb/1720kg	4154lb/1885kg	4320lb/1960kg
Rear	5422lb/2460kg	5775lb/2620kg	5972lb/2710kg
Total	9213lb/4180kg	9929lb/4505kg	10292lb/4670kg

**TYRES**

Front 2WD	7.50x18	10.00x16	-
Front MFD	12.4R24	12.4R24	13.6R28
Rear 2WD/MFD	16.9R34	16.9R38	18.4R38



**Forward ground speeds in kph on standard tyres at rated engine speed**

	<b>856XL</b>	<b>956XL</b>	<b>1056XL</b>
1	1.8	1.8	2.2
2	2.2	2.2	2.7
3	2.9	2.5	3.0
4	3.5	3.1	3.7
5	4.4	3.9	4.6
6	5.4	4.7	5.7
7	6.1	5.8	7.0
8	7.1	7.1	8.6
9	7.5	7.2	9.0
10	8.7	8.6	11.1
11	9.9	9.7	12.4
12	12.1	11.8	15.2
13	15.4	15.0	19.2
14	18.8	18.4	23.6
15	24.6	22.7	29.0
16	30.0	28.0	40.0



Case International 56 Series tractors are designed to make routine servicing quick and easy. All check points and lubrication points are very accessible.

Standardisation of parts over the years has been a Case IH priority. Maximum interchangeability with standard parts ensures better availability, cuts 'down-time' to a

minimum and keeps costs low.

Call in to see your Case IH dealer and see the range of Case International machines, the service he can offer you, excellent parts support, factory trained service technicians, attractive finance schemes, and more importantly he'll be there when you need him.

## Commitment to service



This literature has been published for worldwide circulation. As availability of equipment builds vary according to the country in which the equipment is to be used, the illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your Case International Distributor/Dealer will be able to give you details of the products and their specifications available in your area.

The company's policy is one of continuous improvement and development. Therefore specifications are subject to change without notice. Whilst every effort is made to uphold accuracy within literature, the company accepts no responsibility for discrepancies which may occur between the specifications of its machines and the descriptions thereof contained in its publications.



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