

case 

MAGNUM



MAGNUM MEANS MORE

More power. More performance. More comfort. More value.

Farming these days demands a tractor that delivers much more performance than you needed just a few years ago. The MAGNUM line—first all-new tractors from Case IH—more than meets today's tougher requirements.

MAGNUM tractors are powered by advanced design diesel engines that set new standards for the 130 to 195 PTO hp class. These big 505 cubic inch displacement engines deliver plenty of muscle, yet they're compact and simplified for more economical service.

More productive field performance is easier to achieve with the MAGNUM tractor's 18-speed full powershift transmission. You have more speeds to work with. You can shift up or down and forward-to-reverse smoothly, without clutching.

MAGNUM tractors also feature exclusive electronic "Hitch Command". Just touch a switch to raise the hitch. Touch again and it lowers. Always to the exact limits you preprogram . . . and at precisely the speed that optimum operating conditions require. Many additional implement control advantages also cut down on time and effort.

The Case IH "Intelligence Center II" digital instrumentation displays up to three readouts at one time, and provides a full complement of electronic aids for more "effective" control of the tractor.

All MAGNUM tractors are available with 2-wheel drive or integral design MFD (Mechanical Front Drive) that can be actuated on the go on demand, for more traction.

A word about comfort. The Case IH "Silent Guardian II" cab provides unequalled visibility all around plus fully adjustable seating and more total operator comfort than other cabs.

The best part is: All of these advantages except MFD are standard on Case IH MAGNUM tractors. And they are only part of the proof that MAGNUM means more . . . more for your money, more for your farm, more for your future.



7110
130 PTO hp (97 kW)



7130
170 PTO hp (127 kW)



7140
195 PTO hp (145 kW)

7120
150 PTO hp (112 kW)

MAGNUM POWER

**In the field, power means productivity.
That's where MAGNUM tractors deliver.**

At the heart of every MAGNUM tractor, you'll find the most advanced diesel-powered engine available today.

MAGNUM tractor engines are compact, yet stronger. They're quieter, cleaner, and fuel efficient. With 505 cubic inch displacement, there's plenty of reserve power. . . plus torque performance that keeps you going when the going gets heavy.

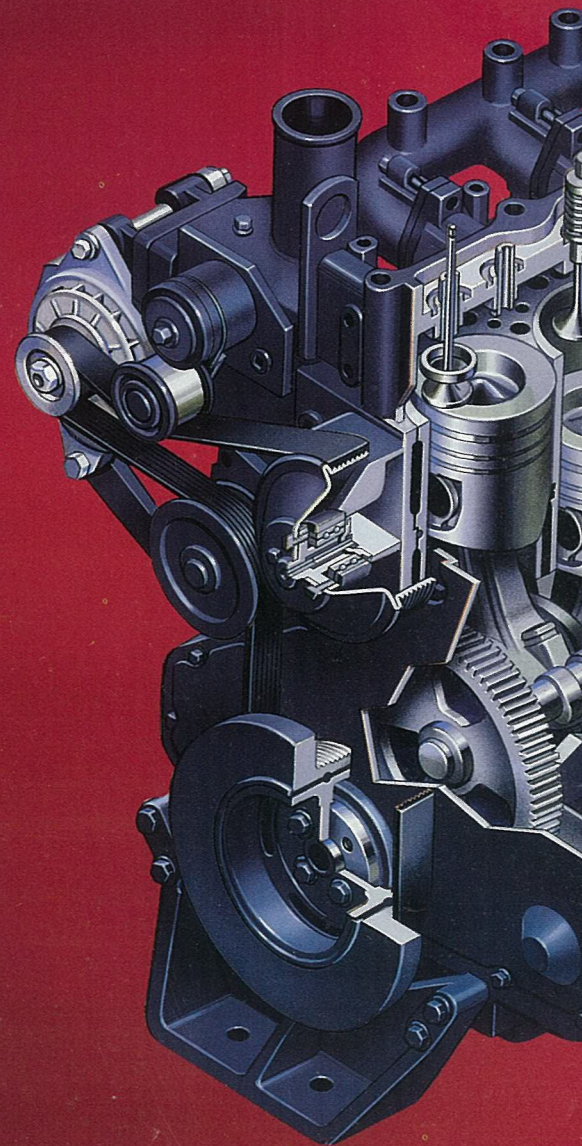
All MAGNUM tractors are turbocharged for complete controlled combustion. The Model 7140 is also aftercooled for an added power boost. Turbochargers and aftercooler are design-matched to the engines to deliver more performance without stress.

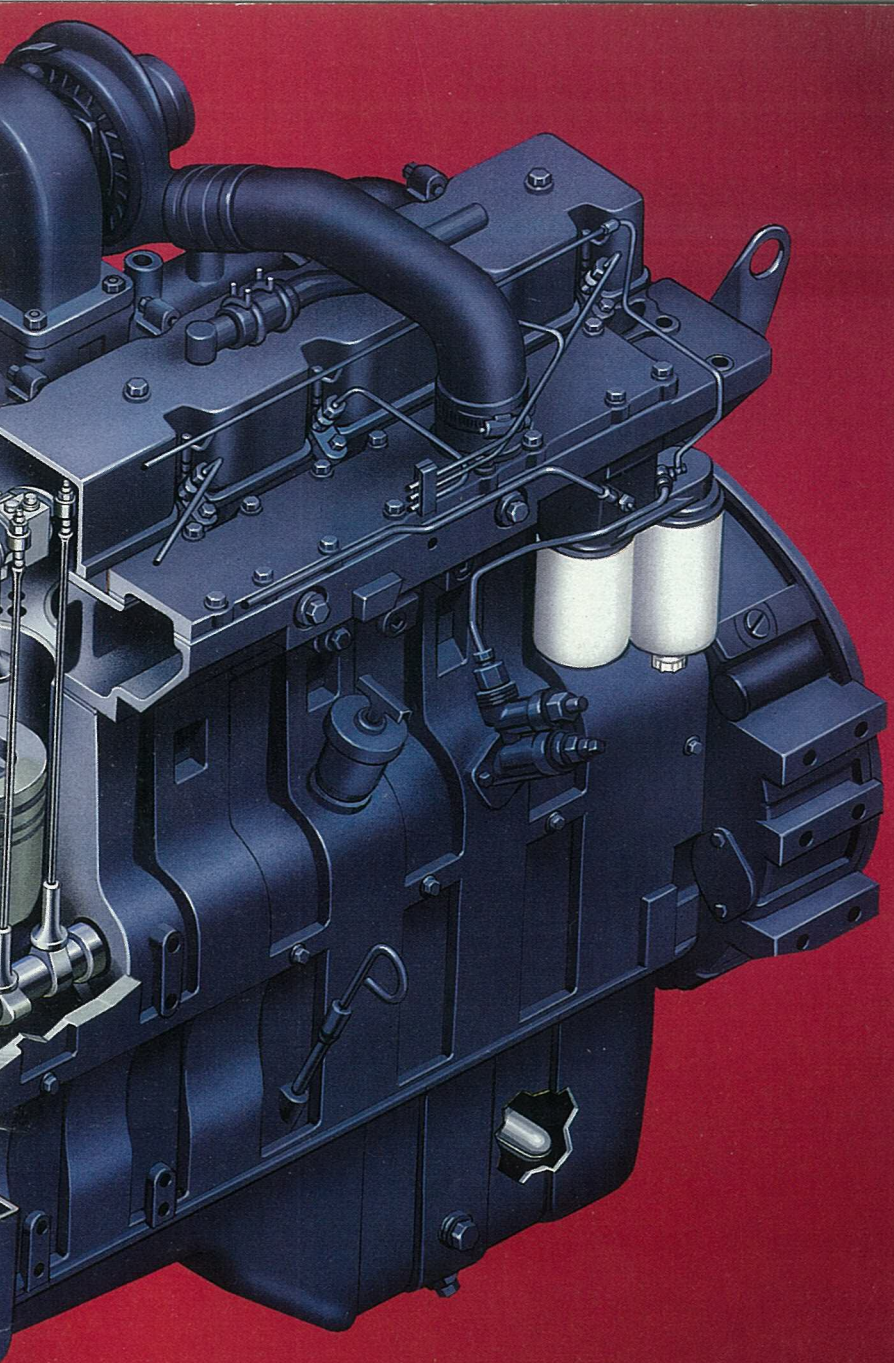
High capacity cooling promotes high operating efficiency: The Case IH strata tube air induction system precleans up to 95% of all dust from engine air before it reaches the 2-stage air filter. Models 7120/7130/7140 use viscous fans that operate only as required to conserve fuel and power.

MAGNUM tractor engines are a "fresh" — not a stretched — design, totally in step with the requirements of modern farming. They meet or exceed all the important industry standards.

Simplified service is also a big advantage. MAGNUM tractor engines have 25% fewer parts for outstanding simplicity and service economy. Underhood access is very convenient, thanks to easy-off panels and left hand swing-out service door. Oil change and fuel filter service intervals are longer. A new Poly-Vee drive belt triples belt life and has a self-tensioner to eliminate the need for adjustment.

Case IH put more into these engines than any farm tractor engines ever developed. All of the four MAGNUM tractors will deliver MAGNUM power and more productivity for you.







MAGNUM PERFORMANCE

Full powershift in eighteen speeds. Even more if you want.

With MAGNUM tractor powershift, more choices means more performance. And this transmission gives you eighteen speeds in a smooth and easy straight line shift sequence.

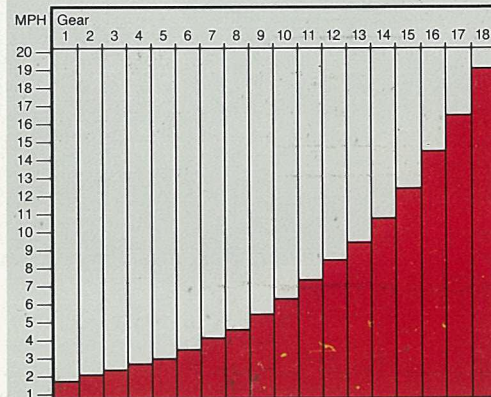
You can start in any gear, shift up, down, even to reverse—all without clutching. And you get up to eight speeds (depending on model and tire size) in the crucial three to eight mph range.

MAGNUM tractors also offer the industry's only full powershift creeper transmission option to give you six more speeds from .5 to 2.1 mph (0.8 - 3.4 km/h).

The creeper transmission is especially suited to slow speed operations such as PTO combining, forage harvesting and vegetable harvesting. And a 0.7 mph (1.2 km/h) creeper reverse is ideal for snow thrower operation.

For MAGNUM performance—18-speed powershift and all the productivity that goes with it—try a Case IH MAGNUM tractor.

Forward Ground Speeds



MAGNUM COMFORT

**With the MAGNUM tractor
“Silent Guardian II” cab, you see
more, feel better, work fresher.**

Seeing is believing. But when you step aboard a MAGNUM tractor, you won't believe what you see.

The cab offers more than 47 square feet of tinted glass for optimal visibility. The front glass reaches from floor-to-ceiling. There's a low-profile sloping hood, and no air intake or muffler in front of your face . . . no cab post or cross members to mar the view.

But MAGNUM comfort advantages don't end there. This cab is roomier, quieter, tighter and cleaner. State-of-the-art heating, cooling and air circulation offer ideal year-round climate control. The fully adjustable automatic-weight-adjust seat provides an extra measure of comfort. And you're sure to appreciate the standard tilt/telescope steering and AM/FM stereo/tape deck option. The cab also provides for attaching monitors and electronic outlets.

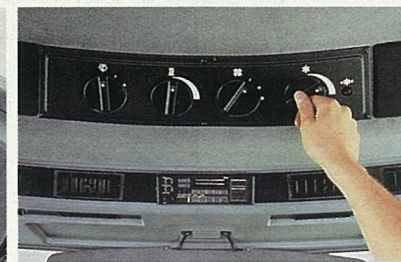
All controls in the cab are positioned for natural operation. Even the wider steps and bigger door opening invite you to sample the MAGNUM comfort of this exceptional cab—standard with all Case IH MAGNUM tractors.



Your view through the right side window is another panorama. The large rear window provides a clear view of implements, hitch and hook-ups. Right side and rear windows can both be opened.



The fully adjustable air/oil suspension isolator seat accommodates the operator's weight and leg length, provides lumbar support, swivels right and left, and smooths the ride hour after hour. The large left hand arm rest can be fully lowered to extend the seating area.



Control knobs in the cab headliner are easy to read and reach. They're large, easy to operate even with gloves. Front wiper is standard, rear wiper optional, as are visor, window washers and two outside mirrors. Inside mirror is standard.



THE ADVANCED "INTELLIGENCE CENTER II"

Exclusive Case IH integral unit displays three readouts simultaneously.

New Case IH MAGNUM tractors provide the most advanced electronic instrumentation in the industry . . . as a single standard equipment unit.

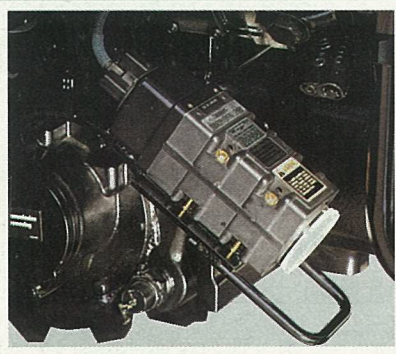
Just press the touchpad on the Case IH "Intelligence Center II" and get digital readouts (English or Metric) for engine rpm, PTO rpm, total area worked, total area per hour. A second readout gives you ground speed, and a third displays wheel-slip (when equipped with optional True Ground Speed Sensor) as a bar graph. A memory chip records all information you enter in the system and stores it in permanent memory for recall until you change that information.

Bar graphs display fuel level, coolant temperature, exhaust temperature and voltage. There's also an electric digital hourmeter and a service interval indicator.

An automatic shut down system operates (after a 30 second warning) should the coolant temperature, engine oil pressure, transmission oil temperature, or transmission system temperature reach a critical stage.

The MAGNUM tractor's full instrumentation package monitors all vital tractor functions and alerts the operator with lights and audible signals.

The "Intelligence Center II," standard on Case IH MAGNUM tractors, helps you be more efficient, more relaxed and more productive every hour in the field.



This True Ground Speed Sensor (optional) provides a continuous bar graph display of wheel slippage. It's invaluable in helping you match implements to your tractor. Use it to weight your tractor correctly and select optimum transmission speeds. Knowing actual ground speed also allows you to monitor spraying and planting operations more accurately, and save money on application cost.



MAGNUM

← **ENG OIL PRESS** **COOLANT** **SYSTEMS NORMAL** **TRANS OIL TEMP** **TRANS SYSTEM PRESS** →

FILTER **ALTER-NATOR** **STOP ENGINE** **TRANS LUBE PRESS** **HYD FILTER**

COOLANT TEMP

FUEL LEVEL

EXHAUST TEMP

SYSTEM VOLTAGE

▶▶▶ **BEST** ◀◀◀ **WHEEL SLIP**

ENG RPM

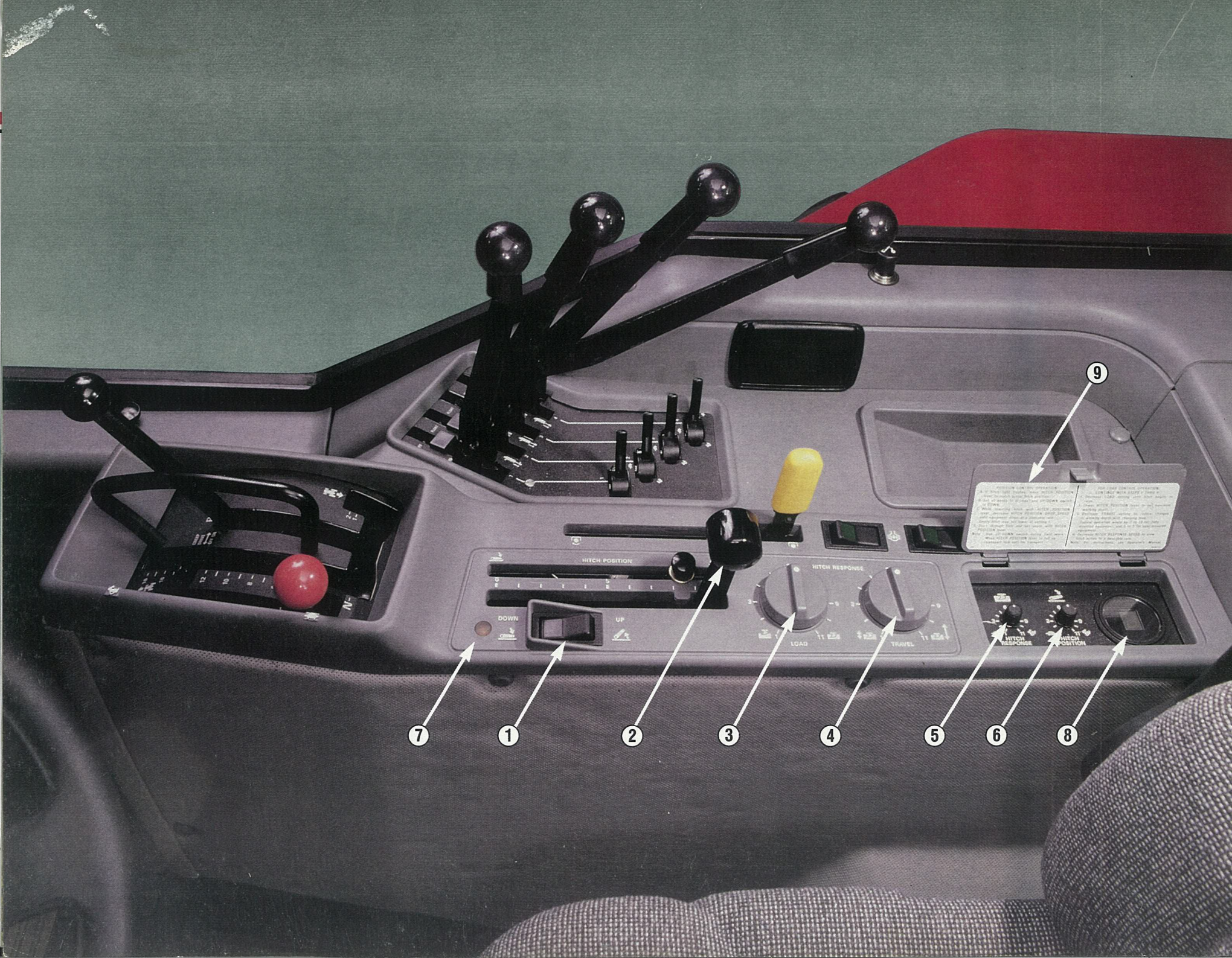
CALI-BRATE SLIP **AREA /HOUR** **ENGINE RPM**

RESET **TOTAL AREA** **PTO RPM**

MPH

EQUIP WIDTH **CALI-BRATE** **GROUND SPEED**

START **STOP**



7

1

2

3

4

5

6

8

9

MAGNUM TRACTOR "HITCH COMMAND"

- ① **"Hitch Command"** rocker switch electronically actuates raising and lowering at headlands. The implement automatically lowers to preset depth at the speed you have programmed.
- ② **Position Control** lever sets the maximum working depth of the implement. This lever also features a transport lock.
- ③ **Load Control** rotary knob makes precise load settings. The MAGNUM tractor system also provides for negative load control to prevent tools from digging too deep when most of the implement weight is carried on the hitch.
- ④ **Travel Control** rotary knob determines the magnitude of hitch correction for a given load control setting.
- ⑤ **Response Speed Control** handles fine tuning of hitch reaction speed in load control.
- ⑥ **Drop Speed Control** allows you to match hitch lowering speed to the weight of the implement and application being performed.
- ⑦ **Hitch "Enable" Indicator Lamp**, used in start-up and reset procedures, notifies the operator when lever control and hitch are not at the proper relative settings.
- ⑧ **Diagnostic Digital Display** monitors system performance and alerts operator to any condition requiring attention.
- ⑨ **Simple, Clear Instructions** help you set up and operate the advanced MAGNUM tractor system.

This new hitch is fully adjustable. Electronics allow you to match tractor and hitch performances for any soil, any implement and any application.

Exclusive electronic hitch control saves time and effort with all implements and conditions.



Case IH added a touch of genius to 3-point hitch operation with its electronic "Hitch Command" on MAGNUM tractors. Just touch a switch to raise the hitch. Touch again and it lowers.

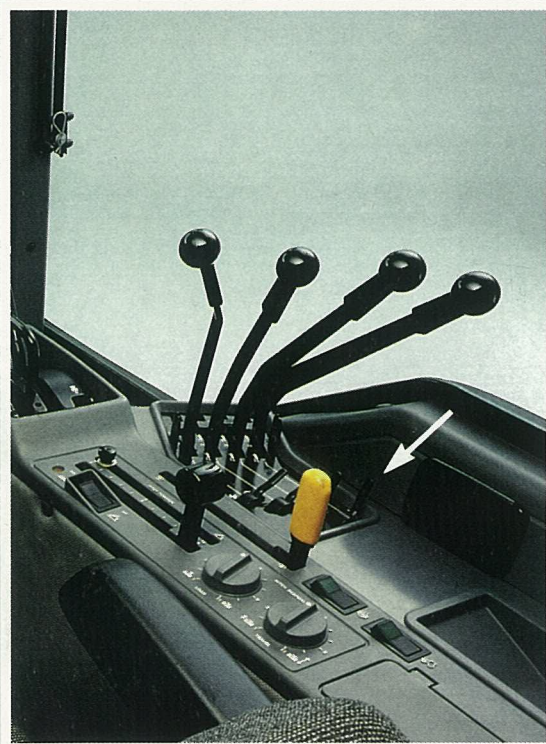
Always to the exact limits you preprogram... and at precisely the speed that optimum operating conditions require.

"Hitch Command" saves you time and effort at the headlands and with all soil types, implements and field conditions. And it's just one of many implement control advantages you get with the MAGNUM tractor system.



The MAGNUM tractor hitch fits all Category III and IIIN implements. MAGNUM tractors provide more lift capacity for more confidence with today's bigger, heavier implements... to help you put more work behind you, faster. Model 7110 has lift capacity of 7700 lbs (3499 kg); 7120 lifts 8300 lbs (3786 kg); 7130 lifts 9300 lbs (4222 kg); And the first 2WD tractor in the industry to exceed 10,000 lbs lift, the MAGNUM 7140, lifts 10,200 lbs (4631 kg).

HIGH PERFORMANCE HYDRAULICS

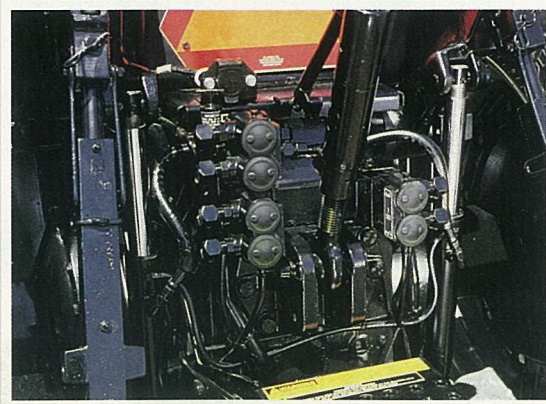


MAGNUM tractors feature a pressure and flow compensated closed center hydraulic system with 29 gpm pump flow and 2600 psi pressure capabilities.

This system senses pressure requirements accurately, then provides exactly the flow needed for the load. You get instant hydraulic control with less heat and minimum power loss. Pressure and flow available at the remote couplers is 2300 psi and 22 gpm.

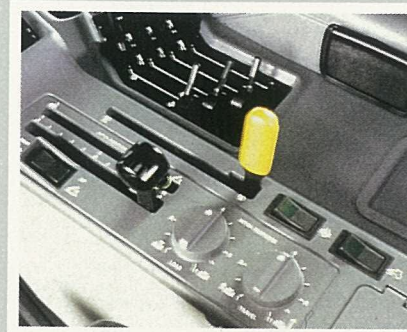
MAGNUM tractor hydraulics can be tailored to suit all hydrostatic motor drives on implements, and to provide for single or double acting cylinder controls for planter markers or hydraulic float flex wing implements.

Two remotes are standard. Up to four remotes are available. The first remote always has priority. MAGNUM tractor couplers are designed to couple and uncouple under pressure with light effort and no mess. Up to four flow controls (arrow) are available to adjust for the weight or the speed of the implement.

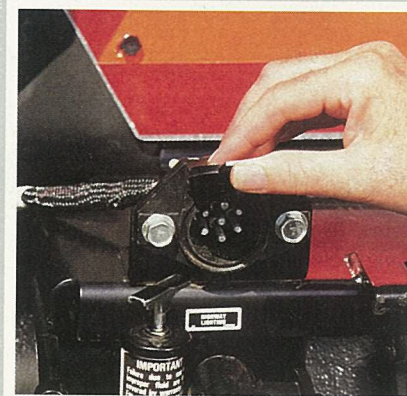




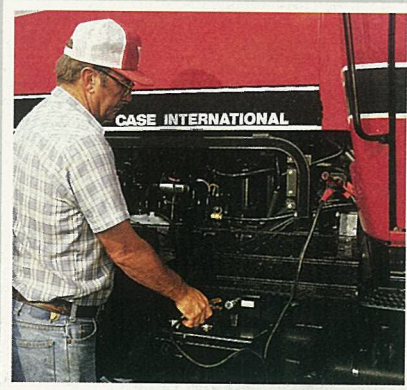
The PTO lever is located for comfortable control while you're viewing the PTO machine's pick-up or header. With the MAGNUM tractor PTO, you can feather power in and out smoothly. Model 7110 has two separate shafts for 540 and 1000 rpm speeds. Models 7120/7130/7140 have 1000 rpm shaft. Dual shaft 540/1000 rpm PTO is available for the 7120.



A 7-prong electrical outlet handles all remote electrical requirements for towed equipment, remote harvesting, trailer and wagon lights . . . plus electric controls and electrically-activated clutches on PTO machines.



Positive battery post, located away from the batteries, makes auxiliary starting and charging capabilities very convenient with a Case IH MAGNUM tractor.



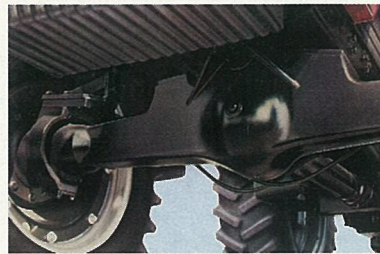
MFD ALL-SEASON PRODUCTIVITY

Mechanical Front Drive means more traction.

If you want to gain more control over where, when and how fast you can handle field work . . . under good or adverse conditions . . . you need the go-ahead traction of MAGNUM tractor MFD (Mechanical Front Drive).

MFD utilizes the entire working weight of the tractor for tractive purposes . . . when ballasted properly, 40% of total weight is on the front drive wheels and 60% on the rear wheels. Less weight on the rear wheels than a conventional 2WD means reduced compaction and increased crop yields. Instead of being pushed from behind, front wheels pull their share of the load and more. And MFD's limited slip steps in when one wheel starts to spin. Power is automatically shifted from the slipping wheel to the driving wheel . . . extra power to pull through.

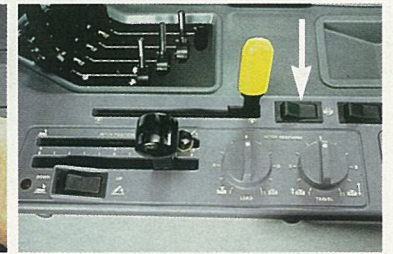
MAGNUM tractor MFD can be engaged and disengaged underway or when stopped. In most situations, it eliminates the need for duals. If more traction is your goal, take a good look at MFD.



MAGNUM tractor MFD is an integrated design (not add-on) that's clean and compact for good crop and trash clearance. MFD driveline shield and front fenders are optional.

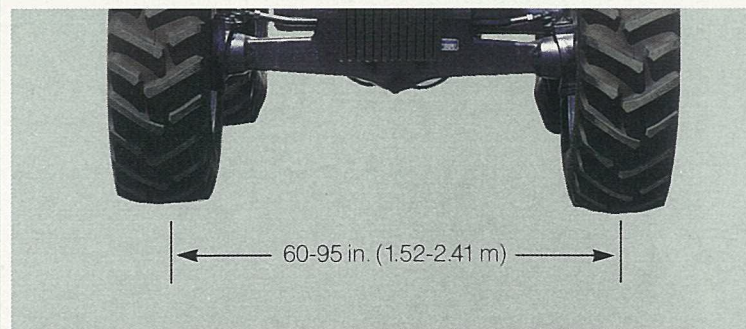


Just touch the switch. MAGNUM tractor MFD is there when you need it. On demand. On-the-go.



Differential lock provides rear wheel traction to complement MFD and its limited slip feature. Diff lock directs power equally to both rear drive wheels when one wheel starts to spin. And with or without MFD, diff lock adds a lot of traction. Just touch the rocker switch to activate diff lock, hit the brakes or the diff lock switch to release it.

MAGNUM tractors with MFD offer a wider range of tread adjustability — 60 to 95 inches (1.52 to 2.41 m) — to meet your requirements, especially 30 inch (762 mm) rows.





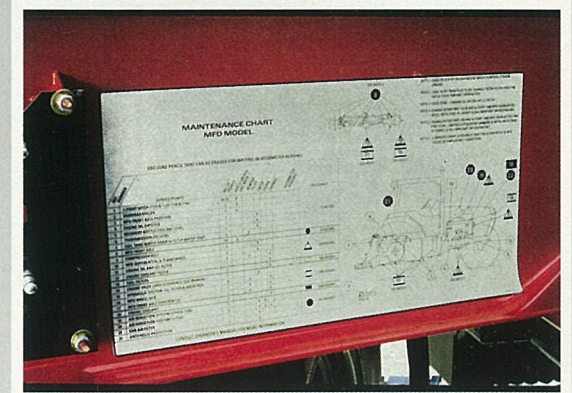
DESIGNED FOR SIMPLIFIED SERVICE



The hood lifts easily on gas-assist cylinders. The right side panel is simple to detach. Entire left side panel can be removed for complete access. Or, a left side service door can be quickly swung open for routine servicing.



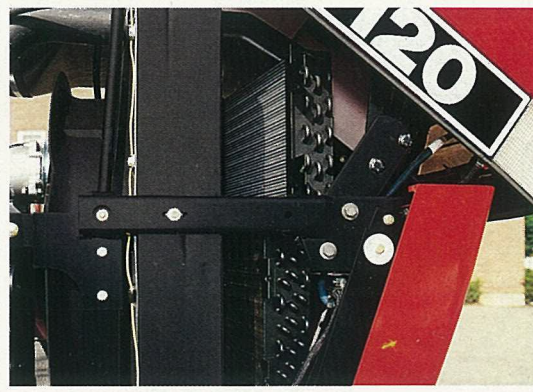
A unique strata tube air-induction system with pre-cleaner and exhaust aspirator, removes up to 95% of the dust from incoming engine air before it reaches the dual stage filters. Only seasonal servicing of the filters is required.



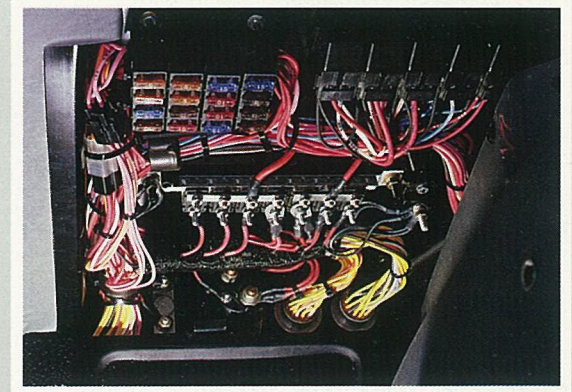
A handy swing-out service door, with service and lubrication chart attached, gives you easy access to engine oil check and fill . . . engine coolant check and fill . . . windshield washer fill . . . fuel filter check and service . . . and positive battery post.



You only do it every 250 hours, and changing the spin-on oil filter is a snap. It's vertically mounted to avoid oil mess.



The swing-away oil cooler and air condenser allows clearance so you can reach in to clean out trash and residue at the radiator.



In-cab location provides ready access to fuse panel, circuit breakers and relays.



There's no mess inside the cab when you change the air filter. And dust is purged from the filter every time you shut the cab door.



MAGNUM tractors use a spin-on transmission oil filter. It's clean, fast and handy to reach from the right side.

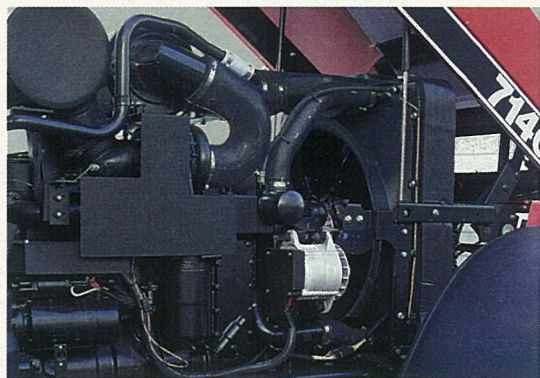
MAGNUM tractor side panels and hood are non-rust fiberglass. More than good looking, they are designed to control air flow around the engine and components for more effective cooling. They also direct dust, heat and sound down and away from the cab.



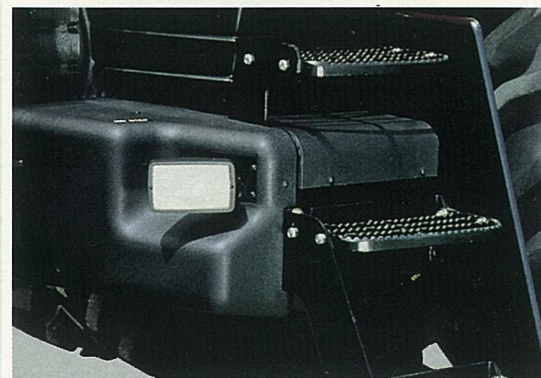
FOR THE FARM OF TODAY AND TOMORROW



Heavy-duty box-section side rails strongly support the engine and provide for convenient, secure mid-mounting of loaders and saddle tanks.



Viscous fans on 7120/7130/7140 models automatically operate only as needed, for efficient cooling at all times. Viscous fans prolong fanbelt life, conserve fuel and allow more engine power to be put to useful work.



All flood lights are recessed for protection and are easy to adjust. The fuel tanks are mounted separately from the cab so they don't affect the cab's "ride".



Wrap-around halogen headlights with precision pattern lenses, flood the fields ahead and to the sides, so you can see better and work better after dark. Two upper front cab lights and two rear lights are also standard. Two front lower cab and two additional rear lights are optional. Together, this lighting package—front rear and center—provides outstanding 360° nighttime visibility.



The cab's wide steps are a comfortable place to stand when fueling. A tall filler neck and sealed cap keep dirt and contamination away. Models 7110/7120 have 78 gal. standard, 95 gal. optional capacity (284/360 L). Models 7130/7140 hold 95 gal. (360 L).



The tool box (optional) is firmly attached to the engine support rail, and offers ample capacity for tools you need in the field.



SPECIFICATIONS

	Model 7110 Tractor	Model 7120 Tractor	Model 7130 Tractor	Model 7140 Tractor
ENGINE & CAPACITIES				
Horsepower, PTO	130 (96.9 kW)	150 (112 kW)	170 (127 kW)	195 (145 kW)
Number of cylinders	6	6	6	6
Displacement, cu. in.	505 (8.3 L)	505 (8.3 L)	505 (8.3 L)	505 (8.3 L)
Aspiration	Turbo	Turbo	Turbo	Turbo/Aft.
Speed, rated full load	2200 rpm	2200 rpm	2200 rpm	2200 rpm
Oil capacity w/filter - U.S. qt.	21 (19.8 L)	21 (19.8 L)	21 (19.8 L)	21 (19.8 L)
Oil change interval	250 hrs.	250 hrs.	250 hrs.	250 hrs.
Cooling system, U.S. qt.	30 (28.3 L)	30 (28.3 L)	30 (28.3 L)	31 (29.3 L)
Fuel capacities, U.S. gal.				
Standard	78 (295 L)	78 (295 L)	95 (360 L)	95 (360 L)
Optional	95 (360 L)	95 (360 L)	—	—
Alternator, amps	110	110	110	110
Battery capacity, volts/total amps	12/1900	12/1900	12/1900	12/1900
TRANSMISSION				
Type	full powershift	full powershift	full powershift	full powershift
Speeds, std., FWD/REV	18/2	18/2	18/2	18/2
Speeds, opt., FWD/REV	6/1	6/1	6/1	6/1
FWD to REV shift	full power	full power	full power	full power
HYDRAULICS & HITCH				
Hydraulics, type	PFC	PFC	PFC	PFC
Fluid capacity, U.S. qt.	202 (764 L)	202 (764 L)	202 (764 L)	202 (764 L)
Pump/flow pressure — U.S., gpm/psi	29/2600	29/2600	29/2600	29/2600
Max. remote flow/pressure — U.S., gpm/psi	22/2300	22/2300	22/2300	22/2300
Hitch category	III, IIIN	III, IIIN	III, IIIN	III, IIIN
Lift capacity at 24 in. (609 mm) behind lift point, lbs.	7700 (3499 kg)	8300 (3768 kg)	9300 (4222 kg)	10,200 (4631 kg)
Type of load sensing	electronic, lower link	electronic, lower link	electronic, lower link	electronic, lower link
DRAWBAR & PTO				
Drawbar adjustment (with respect to PTO), in.	14/20/24 (355/508/609 mm)	14/20/24 (355/508/609 mm)	20/24 (508/609 mm)	20/24 (508/609 mm)
PTO type	independent, wet	independent, wet	independent, wet	independent, wet
PTO speed, rpm	540/1000	1000 540/1000 opt.	1000	1000
Shaft size, in.	1-3/8 (34.9 mm)	1-3/8 (34.9 mm)	1-3/4 (44.4 mm)	1-3/4 (44.4 mm)
AXLES				
Front tread adj., 2WD, in.	60 - 86 (1.52 - 2.03 m)	60 - 86 (1.52 - 2.03 m)	60 - 86 (1.52 - 2.03 m)	60 - 86 (1.52 - 2.03 m)
Turn radius, 2WD, ft. without brakes	14.7 (4.4 m)	14.7 (4.4 m)	14.7 (4.4 m)	14.7 (4.4 m)
Front tread adj., MFD, in.	60 - 95 (1.52 - 2.41 m)	60 - 95 (1.52 - 2.41 m)	60 - 95 (1.52 - 2.41 m)	60 - 95 (1.52 - 2.41 m)
Turn radius, MFD, ft. w/out brakes (disengaged) @ 73.8 (1.87 m) tread	17.2 (5.24 m)	17.2 (5.24 m)	17.2 (5.24 m)	17.2 (5.24 m)
Rear axle, standard, in.	3.5 x 112 (88 x 2844 mm)	4 x 112 (101 x 2844 mm)	4 x 114 (101 x 2895 mm)	4 x 114 (101 x 2895 mm)
tread adj., in.	60 - 125 (1.52 - 3.17 m)	60 - 125 (1.52 - 3.17 m)	60 - 127 (1.52 - 3.22 m)	60 - 127 (1.52 - 3.22 m)
Rear axle, optional, in.	3.5 x 96 (88 x 2438 mm)	4 x 96 (101 x 2438 mm)	—	—
tread adj., in.	60 - 109 (1.52 - 2.76 m)	60 - 109 (1.52 - 2.76 m)	—	—
Max. dual tread capability, in.	128 (3.25 m)	128 (3.25 m)	130 (3.25 m)	130 (3.25 m)

STANDARD 18-SPEED FULL POWERSHIFT approximate speeds in mph (km/h) at 2200 rpm		
Gear	Models 7110/7120 18.4 x 38 tires	Models 7130/7140 18.4 x 42 tires
1	1.7 (2.8)	1.8 (3.0)
2	2.0 (3.2)	2.1 (3.4)
3	2.3 (3.7)	2.4 (3.9)
4	2.6 (4.2)	2.8 (4.5)
5	3.0 (4.8)	3.2 (5.2)
6	3.4 (5.5)	3.7 (5.9)
7	4.0 (6.5)	4.3 (6.9)
8	4.6 (7.4)	4.9 (7.9)
9	5.3 (8.6)	5.7 (9.1)
10	6.1 (9.8)	6.5 (10.5)
11	7.0 (11.3)	7.5 (12.0)
12	8.0 (12.9)	8.6 (13.8)
13	9.2 (14.8)	9.8 (15.8)
14	10.5 (17.0)	11.2 (18.1)
15	12.2 (19.6)	13.0 (20.9)
16	13.9 (22.4)	14.9 (23.9)
17	16.0 (25.7)	17.1 (27.5)
18	18.3 (29.5)	19.6 (31.5)
R1	2.5 (4.0)	2.7 (4.3)
R2	2.9 (4.6)	3.0 (4.9)
OPTIONAL 6-SPEED CREEPER (FULL POWERSHIFT) mph (km/h)		
1	0.5 (0.8)	0.5 (0.9)
2	0.7 (1.1)	0.7 (1.1)
3	0.9 (1.4)	0.9 (1.5)
4	1.2 (1.9)	1.2 (2.0)
5	1.5 (2.5)	1.7 (2.7)
6	2.0 (3.3)	2.2 (3.5)
R	0.7 (1.2)	0.8 (1.2)

	Model 7110 Tractor	Model 7120 Tractor	Model 7130 Tractor	Model 7140 Tractor
DIMENSIONS				
Wheelbase, 2WD/MFD, in.	118.3 (3.00 m)	118.3 (3.00 m)	118.3 (3.00 m)	118.3 (3.00 m)
Height over cab and exhaust, in.				
2WD	118.2 (3.00 m)	118.2 (3.00 m)	119.3 (3.03 m)	119.3 (3.03 m)
MFD	117.4 (2.98 m)	117.4 (2.98 m)	118.3 (3.00 m)	118.3 (3.00 m)
Front axle clearance, in.				
2WD	22.4 (568 mm)	22.4 (568 mm)	22.8 (579 mm)	22.8 (579 mm)
MFD	16.6 (421 mm)	16.6 (421 mm)	17.6 (447 mm)	17.6 (447 mm)
Length overall with 3 point hitch, in.				
2WD	191 (4.85 m)	191 (4.85 m)	191.4 (4.86 m)	191.4 (4.86 m)
MFD	197.7 (5.02 m)	197.7 (5.02 m)	198.8 (5.04 m)	198.8 (5.04 m)
Drawbar clearance, in.	14.7 (373 mm)	14.7 (373 mm)	16.6 (421 mm)	16.6 (421 mm)
Tire sizes for above dimensions (Std. Row Crop Build)				
Front 2WD	11.00-16 (F2M)	11.00-16 (F2M)	14L-16.1 (F2M)	14L-16.1 (F2M)
Front MFD	13.6R28 (R1)	13.6R28 (R1)	14.9R28 (R1)	14.9R28 (R1)
Rear	18.4R38 (R1)	18.4R38 (R1)	18.4R42 (R1)	18.4R42 (R1)
Average shipping weights, lbs., includes hitch, cab, common tire and wheel equipment				
2WD	15,280 (6930 kg)	15,920 (7221 kg)	16,280 (7384 kg)	16,480 (7475 kg)
MFD	16,540 (7502 kg)	17,220 (7810 kg)	17,540 (7956 kg)	17,760 (8055 kg)

STANDARD EQUIPMENT

ENGINE:

Engine - 6-cylinder turbocharged (7140 also aftercooled), 505 cu. in. displacement (8.3 L).
 Air induction system — strata tube pre-cleaner with exhaust aspirator, dry type final and safety air elements with service indicator.
 Automatic shutdown system.
 Anti-freeze solution to -20°F (-29°C).
 Coolant filter conditioner.
 Ether starting aid (less fluid).
 Hood - spring loaded, elevating with gas cylinder.
 Exhaust - under hood with right hand extension.

INTELLIGENCE CENTER II:

"Intelligence Center II" - Digital instrument cluster with dual readout (English or Metric) displaying engine rpm, PTO rpm, ground speed, area per hour and total area. Bar graph display of fuel level, coolant temperature, exhaust temperature and voltage. Electric digital hourmeter. Service interval indicator.

Monitoring system provides lights and audible warning for critical functions including engine oil pressure, air filter, coolant level, alternator, transmission oil temperature, transmission lube pressure, transmission system pressure and hydraulic filter. Green light to signify all "Systems Normal" with alternating red lights for shutdown condition.

OPERATOR PROTECTIVE STRUCTURE:

Cab - Case IH "Silent Guardian II" Cab, pod type, rubber mounted and isolated from power train, ROPS protected, heater, air conditioning and self-purging exterior mounted air filter; equipped for radio; custom interior; instrumentation light and 3-position dome light; tinted glass; gas assist openers on door and rear window; inside rear view mirror; front windshield wiper.
 Ash tray and lighter.
 Color coded control knobs.
 Control console right hand side of operator.
 Forward mounted instrument panel.
 Floor mat.
 Rear fenders.
 Seat - Case IH air/oil suspension with swivel, fore-aft isolator, contoured gray cloth cushion, lumbar support adjustment, automatic weight adj., ride control seat cushion tilt, back cushion tilt, retractable seat belt, fold-down left hand arm rest, flip-up right hand arm rest.
 Steering wheel - tilting and telescoping.
 Steps with sure grip tread, hand rails.

TRANSMISSION:

Transmission - 18-Speed Full Power Shift, 18 forward and 2 reverse speeds, park lock, single lever control.
 Brakes - power internal wet disc, self-adjusting and self-equalizing.

AXLES:

Axle equipment varies according to model.
 Differential lock (rear) - electrically actuated.
 Steering - hydrostatic power.

HYDRAULICS:

Hydraulics - PFC (pressure flow compensated) fuel saving hydraulics, 2 remote circuits with ASAE/ISO couplers, float position lockouts on RH console. 22 gpm at remote outlets. Pump: 29 gpm at 2600 psi.

HITCH:

Hitch - 3-Point Category III/IIIN EHC (Electronic Hitch Control) with convenient up/down "Hitch Command" switch and system diagnostics, telescoping lower links and swinging sliding type drawbar.

PTO:

PTO - independent, hydraulically activated wet disc clutch, with cushion brake, "feather" action.

ELECTRICAL:

Electrical - 12 volt with 2 low maintenance batteries, 110 amp. alternator.
 Auxiliary 7-terminal electrical outlet (rear mounted).
 Lights - 2 hood-mounted wrap-around halogen headlights, fender-mounted tail lights, 2 front/rear roof-mounted flashing warning/directional amber signal lights, 2 front roof-mounted and 2 rear fender-mounted rectangular halogen flood lights.
 In-cab connector - switched power lead for implement monitors and other auxiliary needs.

OTHER:

Side rails - structural box section.
 SMV emblem.



OPTIONAL EQUIPMENT

ENGINE:

- Engine block heater.
- Engine oil pan heater.

OPERATOR PROTECTIVE STRUCTURE:

- ROPS, 4 post roll protection, noise suppressed, mechanical suspension seat.

For cab:

- Deluxe steering wheel.
- Rear window wiper.
- Front/rear window washer.
- Sun visor.
- LH & RH external mirrors.
- AM-FM electronic tuned radio.
- AM-FM stereo electronic tuned radio with cassette and clock.
- Foot throttle.

TRANSMISSION:

- Six-speed creeper transmission.
- Transmission heat maintainer.
- MFD — Mechanical Front Drive.

AXLES/WHEELS/TIRES:

- Optional rear axles.
- Cast and steel duals.
- Various front and rear wheels and tires.

HYDRAULICS:

- Third and fourth remote circuits.
- In-cab flow controls.
- Hydraulic return line.

HITCH & DRAWBAR:

- Category III hitch coupler.
- Drawbar hammer strap with pin (for hitch tractors).
- Drawbar pin.
- Category II hitch conversion.
- Non-hitch wide swing drawbar.

PTO:

- 540/1000 rpm for 7120.

ELECTRICAL:

- Two front lower cab halogen floodlights.
- Two rear fender-mounted halogen floodlights.
- True ground speed sensor.
- Horn.
- Ground speed harness adapter.

OTHER:

- Tool box.
- Implement control access kit.
- Auxiliary fuel tank for 7110/7120 — 17 gal. (64.3 L).
- MFD driveline shield.
- MFD fenders.
- Front weight frame, weight segments and retaining clamps.
- Rear wheel weights.

The J I Case Company reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold.

J I Case Canada

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