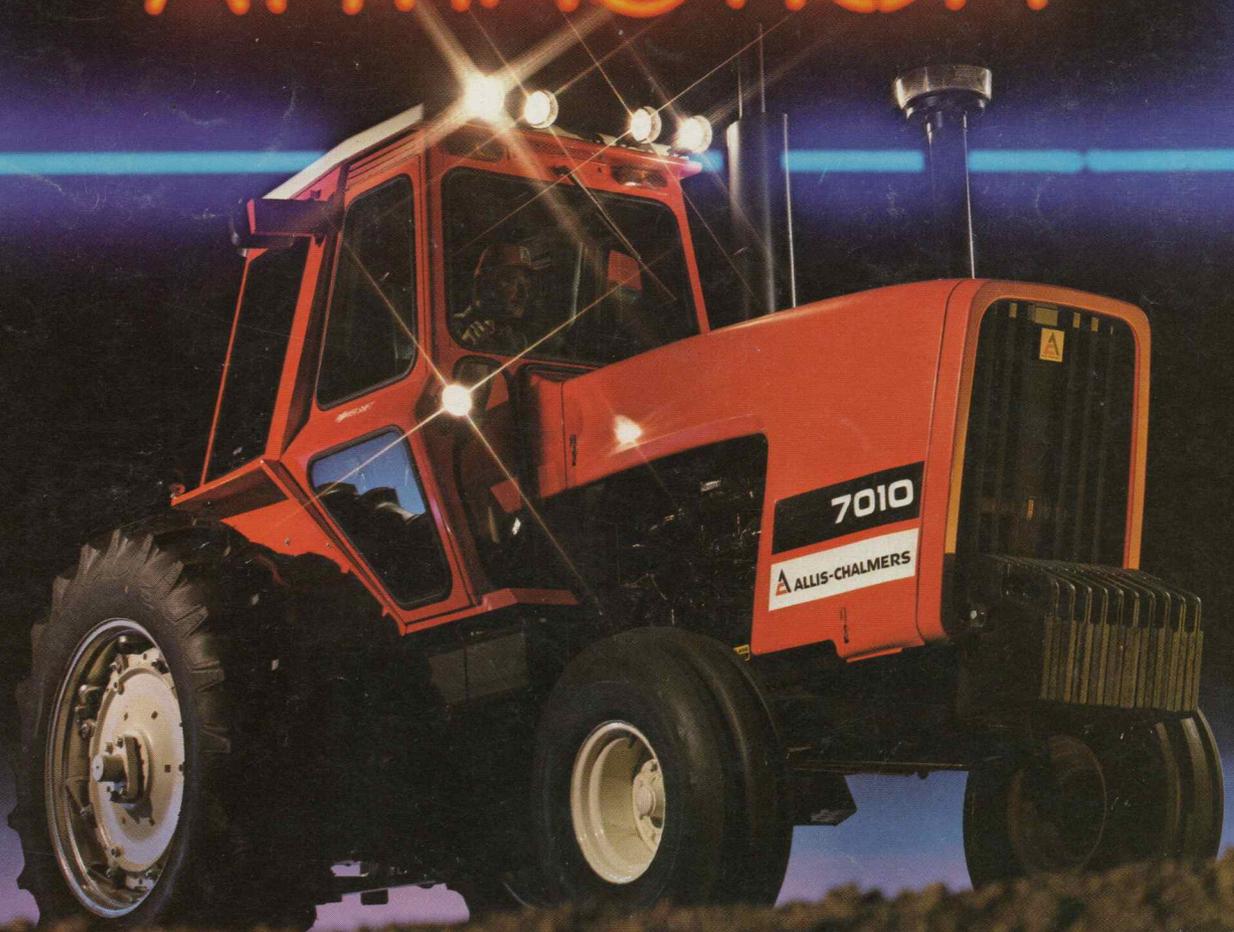


# NEW 7010

## FEATURE ATTRACTION

*QUENTIN  
CURRIE*



Better  
by Design

**ALLIS-CHALMERS**



7010

ALLIS-CHALMERS



**STARRING  
MORE BIG  
PERFORMANCE  
FEATURES  
THAN ANY  
TRACTOR  
IN ITS CLASS.**

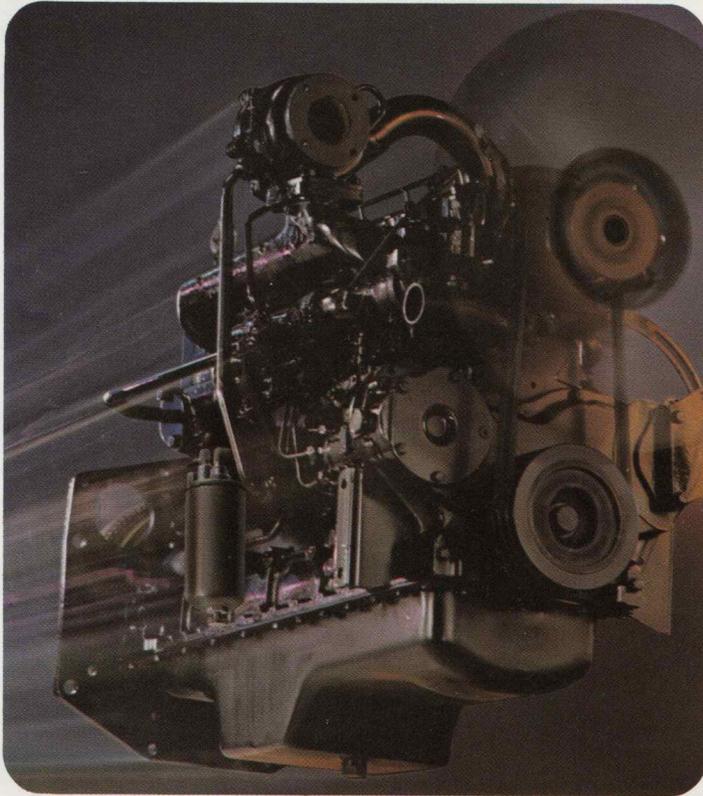
# MORE

## PERFORM- ANCE.

Meet the new 7010 from Allis-Chalmers. Packing 106 PTO hp\* — and packed with performance extras in every important department. Extras thoroughly proven on bigger Allis-Chalmers tractors, but far less common in tractors this size.

The 7010 gives you a reliable engine that's been leaving others in the dust for years. Delivering fuel efficiency that's more welcome now than ever. And only Allis-Chalmers can offer you a choice of three transmissions in this class tractor. Plus...there's a liberal two-year (1500 hr.) warranty on the engine and entire power train. And more...like the operating and convenience features that mean more performance with less effort.

Get acquainted with the 7010. It gives you more than you expect in a tractor its size.

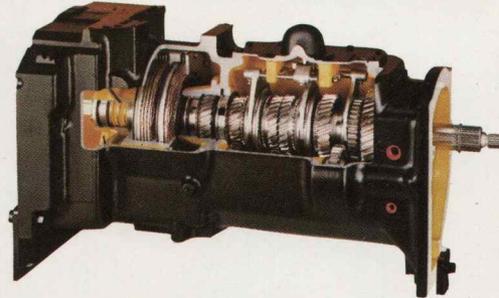


The 7010's rugged 301-cubic-inch diesel delivers 106 PTO hp\* while it sips on fuel. Turbocharged by the people who brought turbocharging to farm tractors, it's rated at a conservative 2300 rpm. So you know it'll give you a full lifetime of hard work.

Cool running is designed into this 6-cylinder workhorse. That's why the hot exhaust manifold is far away from the intake. Why the head is engineered for high-volume water flow. Why we gave the oil pump and oil cooler extra capacity and efficiency. And cool running means long life...year after year, acre after acre.

## FEATURES.

**Three transmissions.** Only Allis-Chalmers can offer you a choice of three transmissions in this class tractor. The 16-speed *Power Director* transmission comes standard, and the 20-speed version is one option. Both give



you effortless control of all forward speeds, through a shift lever, range lever and two foot buttons that provide on-the-go shifting. Your second option: our exclusive 12-speed *Power Shift* transmission that provides on-the-go shifting through six forward speeds in each of two ranges...without clutching or stopping. And all transmissions give you a wide choice of speeds where you do most of your work: below 6.5 mph.

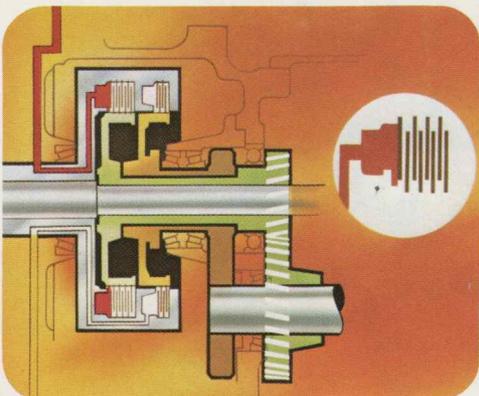


**A tough power train with a big rear main.** The same rear main that rewrote the book on rugged. The big tractor rear main that rolls right through big load strains and high-speed torque.

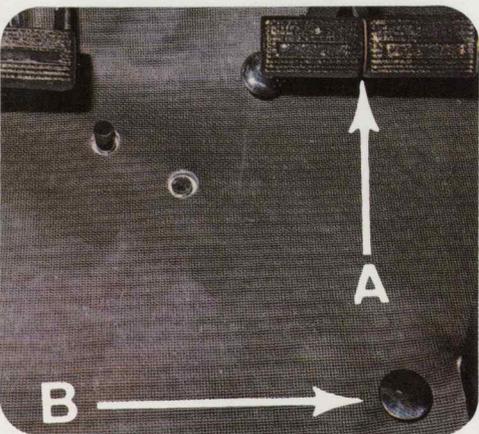
From multi-disc, oil-cooled clutch up front on through the transmission and planetary final drives, to the larger rear axles, the 7010's power train is big tractor muscle in mid-size economy.



**Multi-disc, oil-cooled master clutch** to stay cool. Hydraulically actuated for low pedal effort and smooth engagement. Oil cushioning permits feathering without excessive heat or wear.

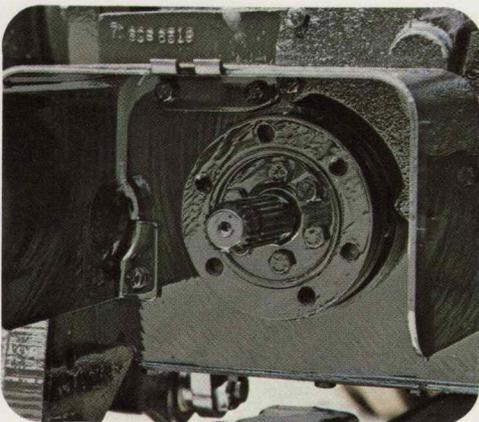


**Power brakes (A)** are oil-cooled, multi-disc type. Chatter-free and dependable, they take far less pedal effort than mechanical brakes. Automatic equalizers divide braking force between wheels. Friction plates are bronze for long brake life.

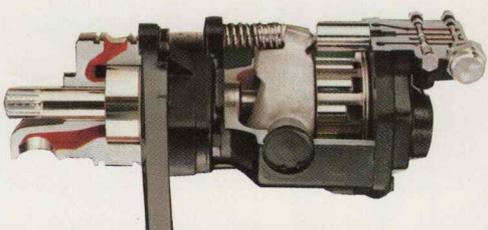


**Hydraulically-actuated differential lock (B)** is standard equipment. It's engaged by a convenient floor button behind the operator's right foot. Releases automatically when either brake pedal is depressed.

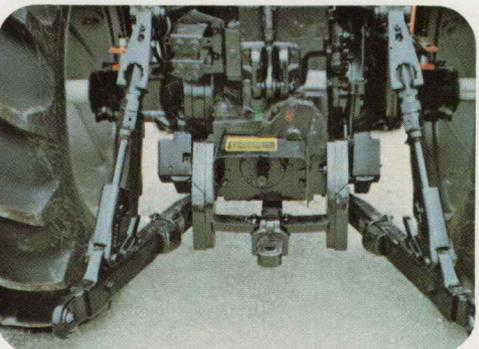
**Independent dual PTO** lets you choose between 540 and 1000 rpm speeds. Change speeds quickly with reversible, one-piece drive in a dry socket that prevents oil leaks or contamination. PTO disengages every time engine is turned off. And an "inching valve" gives smooth feathering control of PTO.



**Biggest hydraulic system in its class.** Our exclusive variable-volume, variable-pressure hydraulic system that won't waste horsepower or fuel. A big 45 gpm system with all the capacity to handle big implements. Comes with two remote outlets and breakaway couplers.



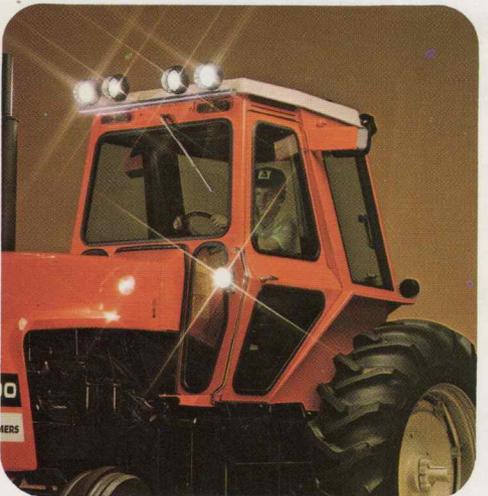
**Draft-sensing 3-point hitch,** Category II or III, carries big implements high for safe transport. Variable-volume, variable-pressure hydraulics provide a big 6680-lb. lifting capacity at 24" behind the lift point for the large tool bar equipment the 7010 can handle. Telescoping lower links speed hookup; lift-arm cranks permit easy leveling of implements.



**Hydrostatic power steering** is standard, for firm control without tiring wheel shock. So is the adjustable-tilt steering wheel, with telescoping option.



**Acosta cab II,** with its proven reputation for quiet, surrounds you with comfort—and all the operating conveniences you want to work efficiently. Handy console puts transmission and hydraulic controls within easy reach, and keeps floor clear. Special touches available at slight extra cost include AM-FM-stereo sound, exclusive remote controlled outside mirrors, super-comfortable Luxury seat, and our exclusive brilliant Stadium Light package that turns night into day to give you extra working hours.



There's more to tell about the new 7010 ... the tractor that offers you more in a combination of big performance features than any tractor in its class. But the man who can tell you more is the man who gives you more... your Allis-Chalmers dealer. See him soon.

\*Manufacturer's maximum observed PTO horsepower at rated engine speed. Acosta and Power Director are Allis-Chalmers trademarks.

# 7010 tractor specifications

## PERFORMANCE

Maximum PTO hp\*

Power Director

Power Shift

Cab Sound Rating at 100% Load

Note: Official test results of models  
ENGINE—76.5 dB(A), 7020—77.5 dB(A).

7010

106.0 (79.1 kW)

106.0 (79.1 kW)

No official test

## ENGINE

Type

Engine brake horsepower (Max. bare engine)

Model

Number of cylinders

Bore

Stroke

Displacement

Compression ratio

Operating range

Rated speed

Electrical system

Turbocharged diesel

129 hp (96.2 kW)

Allis-Chalmers 649T

6 in-line

3.875 in. (98.4 mm)

4.25 in. (108.0 mm)

301 cu. in. (4933 cm<sup>3</sup>)

16.25:1

700-2575 rpm

2300 rpm

12 volt

## CAPACITIES

Fuel tank

Engine cooling system

Crankcase oil

Transmission

Differential

54 gal. (204 litres)

26 qts. (25 litres)

16 qts. (15 litres)

7.4 gal. (28 litres)

16.7 gal. (63 litres)

## DIMENSIONS (With Standard Tires)

Height at hood

Height at steering wheel

Height at exhaust stack

Width at ends of rear axle

Width at ends of long rear axles

Wheelbase

Overall length

Clearance—Front axle

Rear axle

Drawbar swing 3-pt. hitch

Wide swing

68" (1727 mm)

87" (2210 mm)

116" (2946 mm)

92.6" (2352 mm)

118.7" (3015 mm)

106" (2692 mm)

163" (4140 mm)

21" (533 mm)

28" (711 mm)

16.5" (419 mm)

30" (762 mm)

\*Manufacturer's estimated maximum observed horsepower at rated engine speed.

16 Speed Power Director*			20 Speed Power Director*			12 Speed Power Shift*		
Trans- mission Lever Position	18.4 x 38 Tire Size	MPH km/h	Trans- mission Lever Position	18.4 x 38 Tire Size	MPH km/h	Trans- mission Lever Position	18.4 x 38 Tire Size	MPH km/h
1 S/L	1.6	2.6	1 S/L	1.6	2.6	1 S	1.8	2.9
1 S/H	2.0	3.2	1 S/H	2.0	3.2	1 F	4.9	7.9
2 S/L	3.3	5.3	2 S/L	3.3	5.3	2 S	2.5	4.0
2 S/H	4.1	6.6	2 S/H	4.1	6.6	2 F	6.8	11.0
1 F/L	3.7	6.0	1 F/L	3.7	6.0	3 S	3.5	5.6
1 F/H	4.5	7.2	1 F/H	4.5	7.2	3 F	9.3	15.0
3 S/L	5.1	8.2	3 S/L	4.5	7.2	4 S	4.4	7.1
3 S/H	6.2	10.0	3 S/H	5.6	9.0	4 F	11.8	19.0
2 F/L	7.3	11.7	4 S/L	5.1	8.2	5 S	5.4	8.7
2 F/H	9.1	14.6	4 S/H	6.2	10.0	5 F	14.6	23.5
4 S/L	6.8	11.0	2 F/L	7.3	11.7	6 S	6.8	11.0
4 S/H	8.4	13.5	2 F/H	9.1	14.6	6 F	18.4	30.0
3 F/L	11.3	18.3	5 S/L	6.8	11.0			
3 F/H	13.9	22.4	5 S/H	8.4	13.5			
4 F/L	15.2	24.5	3 F/L	10.1	16.3			
4 F/H	18.8	30.3	3 F/H	12.5	20.1			
			4 F/L	11.3	18.3			
			4 F/H	13.9	22.4			
			5 F/L	15.2	24.5			
			5 F/H	18.8	30.3			
<b>Reverse</b>			<b>Reverse</b>			<b>Reverse</b>		
R S/L	3.1	5.0	R S/L	3.1	5.0	R S	2.9	4.7
R S/H	3.8	6.1	R S/H	3.8	6.1	R F	7.9	12.7
R F/L	6.8	11.0	R F/L	6.8	11.0			
R F/H	8.4	13.5	R F/H	8.4	13.5			

\*At rated engine speed

Range lever position: S-Slow, F-Fast  
Power Director clutch: L-Low, H-High

## STANDARD EQUIPMENT

Turbocharged 301 cu. in.

diesel engine

Oil piston cooling

Dry type air cleaner

Air cleaner safety element

Muffler

Anti-freeze

Hook-on side sheets

54-gal. under-the-platform fuel tank

Fuel and water temperature gauges

Indicator lights for alternator, engine

oil pressure, transmission lube

oil pressure, transmission oil

temperature, hydraulic oil filter,

turn signals.

Swing-out batteries

12-volt electrical system

Alternator with integral regulator

Dual beam headlights, rear-mounted

work light, taillight, amber warning

lights, turn signals

Multi-disc wet clutch

Power Director 16 speeds forward,

4 reverse

Helical-cut transmission,

range and PTO gears

Transmission brake

Transmission park lock

Power differential lock

Power wet-disc brakes

Planetary final drives

Power train pressure

lubrication system

3.625-in. diameter rear axles

Heavy-duty adjustable front axles

Non-Power adjustable rear wheels

10.00-16 (6-ply) front tires

18.4-38 (6-ply) rear tires

Category III-II 3-point hitch with

swinging drawbar

Extendible lower draft links

Lift link cranks

Closed-center load-sensitive

hydraulic system with Traction

Booster draft control, position

control, 2 remote valves with

adjustable flow and breakaway

couplers.

One remote flow control

lever extension

Isolated operator's station

Angled, easy-mount step

Platform mat

High-back adjustable

seat with

fold-up arm rests

Tilting steering wheel

Power steering

Safety start switch

Electric operation meter

Acousta cab with pressurizer fan,

two-speed windshield wiper, ash

tray, dome light, turn signals front

and rear, and inside rear-view

mirror, console light.

Cab heater

Seatbelt

SMV emblem

Electric ether starting aid

## OPTIONAL EQUIPMENT

Power Shift transmission with

12 speeds forward, 2 reverse

Power Director transmission with

20 speeds forward, 4 reverse

Stadium light package (includes two

electric remote control mirrors)

Luxury seat

Air cleaner pre-cleaner

with extension

Foot accelerator

Telescoping steering wheel

Engine coolant heater

Heavy-duty batteries

Auxiliary electrical socket

Auxiliary 13-gal. fuel tank

Long rear axle 3.75-in. diameter

118.7" (3015 mm)

Rear wheel weights—

inner and outer

Power Shift rear wheels

Dual rear wheels, less tires

Front and rear tires in many sizes

(see wheel tread table)

Third remote valve

Additional remote flow control

lever extensions

Category II-III quick-hitch frame

30-in. wide-swinging drawbar

Drawbar clevis

Cab air conditioner

AM radio

AM-FM stereo radio

8-track stereo tape player

4-post protective frame with canopy

Work light kits

## OPTIONAL TIRES

20.8 x 34

20.8 x 38

23.1 x 30

24.5 x 32

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