

**a Case  
for all  
seasons**

**Case garden tractor planning guide**



*doing something about it.*







☐ seeding/fertilizing



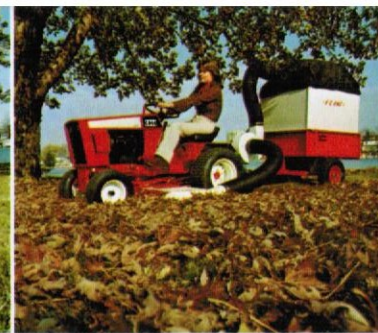
☐ rolling



☐ thatching



☐ aerating



☐ sweeping

## **lawn care** Choose Case Quality to fit your lifestyle

☐ mowing

Here's an easy way to plan your selection of a Case Compact tractor. Review the planning guide with your dealer, put a check mark on the various job applications illustrated on pages 4, 5, 6 and 7 that best meet the needs of your home, farm, or business.

With the help of the Planning Guide, the "worksheet," found in the inside back cover, you and your dealer can custom plan a tractor-attachment package tailored to your specific needs.







☐ plowing



☐ disking



☐ tilling



☐ spraying

# gardening

☐ tilling



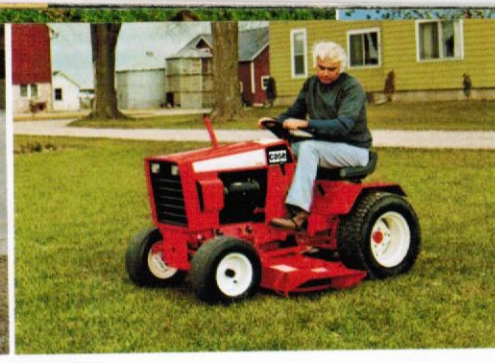




☐ grading



☐ hauling



☐ mowing



☐ tilling

## walks and drives

## farming



☒ cleaning







☐ tilling



☐ sweeping



☐ loading



☐ scraping

# industrial, commercial, institutional



☐ lifting

☐ snowplowing





# Built to work hard and keep on working



**Hydri-v** models provide efficient and simple distribution of smooth, positive power. The high-low range transaxle provides for optimum combination of power and ground speed.

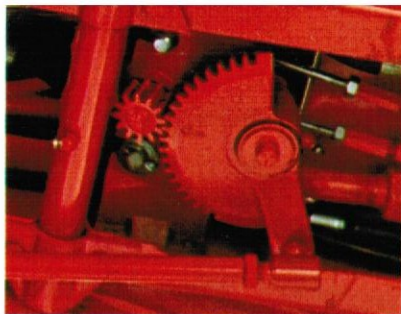


**Heavy duty king pins** and front axle invite comparison. They're tough enough to withstand the roughest work your lawn and garden has to offer.

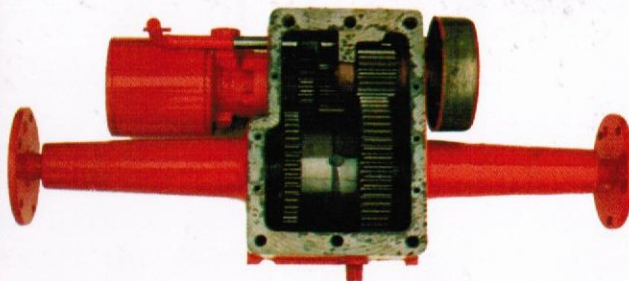


There's a lot of satisfaction in successful lawn and garden care. There's a lot of hard work too. You know it . . . and Case knows it. That's why Case compacts are built big-job tough from the ground up.





**Gear and sector steering.** Quick response steering is a must for close-up work.



**Dual range transaxle.** A cast iron transaxle houses hardened steel gears. High range for light loads and low range when the going gets tougher.

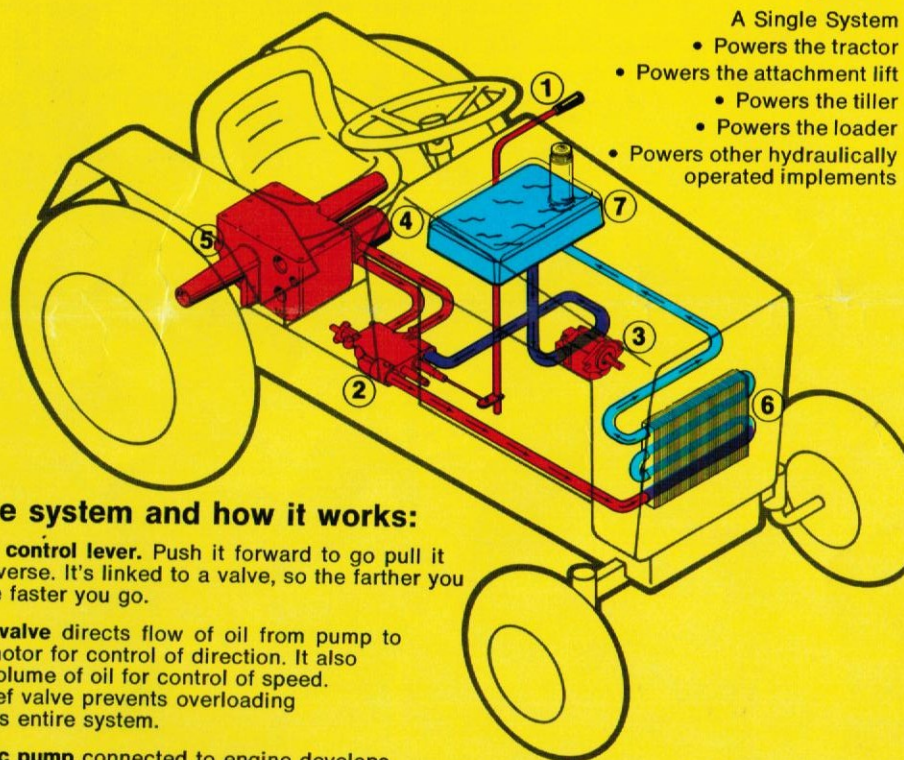


**Single lever control.** Hydriv lets you control both speed and direction with a single lever. Control lever is placed just below and concentric to the steering wheel.

## Look to Case for leadership in hydraulic systems

### Case Exclusive Hydriv.

- A Single System
- Powers the tractor
  - Powers the attachment lift
  - Powers the tiller
  - Powers the loader
  - Powers other hydraulically operated implements



#### A simple system and how it works:

**1 Cushion control lever.** Push it forward to go pull it back for reverse. It's linked to a valve, so the farther you move it, the faster you go.

**2 Control valve** directs flow of oil from pump to hydraulic motor for control of direction. It also regulates volume of oil for control of speed. Built-in relief valve prevents overloading and protects entire system.

**3 Hydraulic pump** connected to engine develops constant, powerful oil flow to drive tractor and attachments. No belts, shafts or pulleys.

**4 Hydraulic motor** with built-in torque multiplier transmits power to heavy duty transaxle.

**5 Dual range transaxle** is geared with a "high" for light loads, "low" for heavy loads.

**6 Heat exchanger** provides ample cooling capacity for toughest operating conditions.

**7 Oil reservoir** stores cooled hydraulic oil.



**All welded twin channel frame.** Designed to withstand the stress of heavy work loads. Another example of tough-job engineering that comes from just plain know-how.

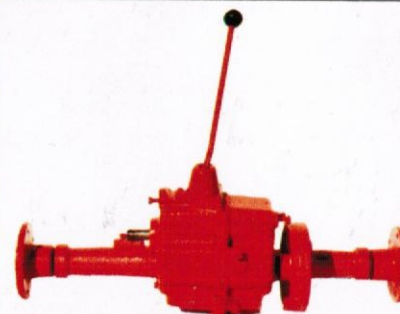
**Hydriv** — Smooth, single lever cushion control of both speed and direction. Features an oil only link between the engine and transaxle. No belts, no chains, no shafts, no pulleys.

A single lever gives you smooth cushion control of both direction and speed and also provides a distinct neutral position to offset "creep." You have infinite control of travel speed and constant power to attachments.

**Hylift** — Single lever control of hydraulic lift with fingertip ease and convenience.

**Hytill** — Hydraulic tilling efficiency and performance, and the only tiller with a reverse for cleaning debris from tines.

**Hyload** — Hydraulic loader and loader backhoe are a completely integrated design to meet the stress and load demands of loader and backhoe work.



**The gear drive models** provide smooth, positive power and a wide range of gear ratios to handle a variety of job applications.



# work it easy with a Case

Case builds them tough and simple to operate. *Hydriv* single lever control; quick-response steering; a clean, uncluttered operator's platform just start the list of "people oriented" features built into a Case garden tractor.

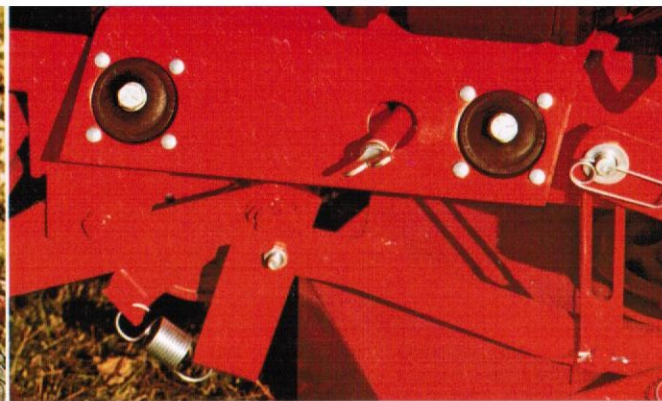
What that means to you is simple. You can do more, more efficiently and do it easy with a Case.



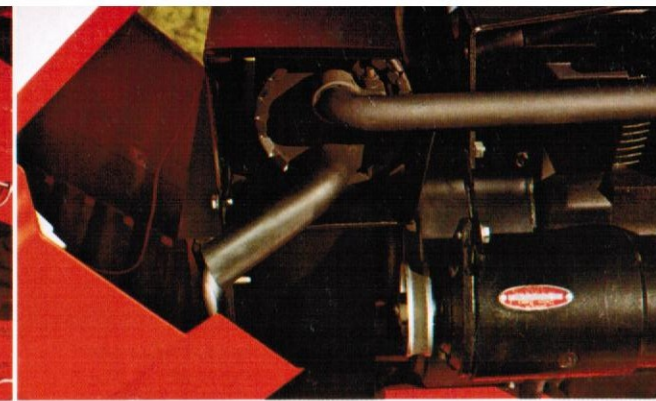




**Rubber supported, foam padded seat.** Adjusts to suit the operator. Tilts up to keep seat dry.



**Rubber isolation engine mounts.** Dampen engine vibration, providing a smooth quiet ride. Standard on all single cylinder engine models.



**The muffler** is tucked neatly under the hood out of harm's way. A hinged hood makes engine compartment easy to get to.

# ease, comfort, safety

Beyond the inbred strength to handle your toughest jobs, "people engineered" refinements are the name of the game. And Case wrote the rule book.

From the adjustable foam padded seat to the rubber isolation engine mounts that dampen engine vibration, Case sets the pace in operator comfort and convenience. The operator's platform is clean and uncluttered. The muffler is located under the hood and directs heat and noise away from the operator. The gas tank is tucked neatly away, under the seat.

And there is rubber all around. The tires extend beyond the sheet metal on all sides of the tractor, protecting both tractor and structures on your property from nicks, bumps and scratches. As you can see, Case works hard to make your work easier.



**Case equipment** meets or exceeds the safety requirements set by the American National Standards Institute and is thereby qualified to bear the O.P.E.I. safety seal.

**For safety** the gas tank is under the seat, away from engine heat.



**Low, uncluttered platform** makes it easy to get on and off the tractor.



# attachments

When you buy a Case garden tractor you buy a system. A system designed to operate with work saving ease whether you're mowing your lawn, clearing snow, or tilling your garden. With a Case you're assured of tough, job-matched performance season after season.

**mowers** Case mowers feature a unique drawbar mower suspension that results in a smooth, well groomed lawn. Deep deck mower design creates a "cyclonic" vacuum action to lift grass for clean cutting and provides powerful mass movement of air for even dispersal of clippings through wide angle discharge chute. Adjustable cutting height allows you to vary grass length according to season and personal preference.



**Height adjustment** spring loaded knob and visual gauge make it easy to set cutting height of mower anywhere from 1½ to 3½ inches.

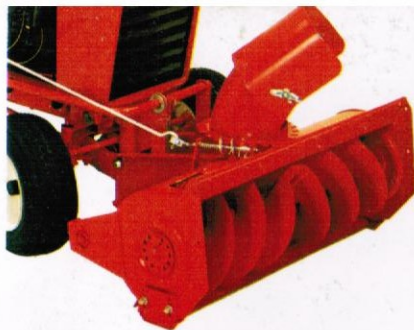


**Deep deck mower** design creates "cyclonic" vacuum action to lift grass for clean cutting.

**snow blowers** Whatever the snow condition, wet, dry or blizzard packed, Case snowblowers pick it up and put it where you want it. They are virtually unpluggable. The extra wide discharge chute is adjustable from the driver's seat. Case snowblowers come in 32" to 48" models, depending on the model tractor you buy.







**Heavy duty auger** is a match for virtually any snow condition, wet, dry or blizzard packed. Extra wide discharge chute adjusts from the driver's seat.



**9" offset section** lets you extend tiller beyond the width of the tractor for thorough, deep digging, tilling in those tough-to-get sections of your garden.



**Hydraulic controls** make tiller operation smooth and easy. Available on all tractors with Case exclusive hydraulic drive.



**Case-built blades** are adjustable to 15 or 30 degrees to either side. Snap-fast system makes hook-up simple and sure.

**tillers** Exclusive Case *Hytill* tiller operates off the tractor hydraulic system — no auxiliary gasoline engine, no extra belts, shafts or pulleys. It tills a strip 41" wide and a 9" section can be moved to the right side for tilling underneath bushes or shrubs. Tine rotation can be reversed to dislodge stones or trash. Hydraulic power provides cushioning against damage.

**New Case mechanical drive tiller** was designed specifically for the Case 210 mechanical drive tractor. Tiller operates off tractor jack shaft pulley at constant speeds for optimum tilling efficiency. Tills a strip 32" wide and is offset to till out right wheel track.



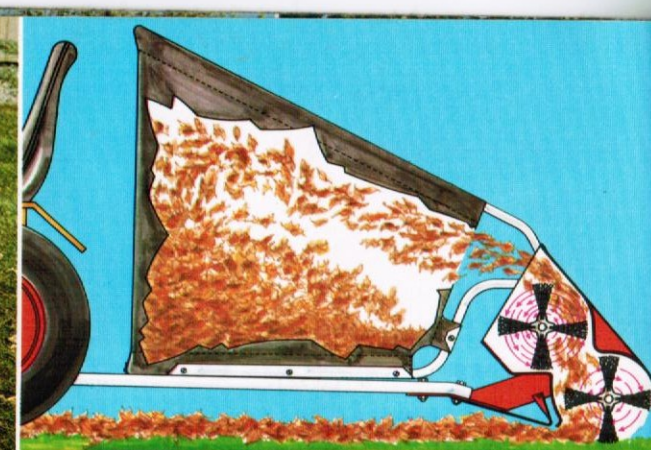
**blade** Ruggedly built Case utility blades will handle summer and winter jobs efficiently. Blade can be centered or angled 15 or 30 degrees to either side. Spring trip permits blade to ride over hidden obstacles when snow plowing; or, blade can be locked into a rigid position for heavy grading jobs. 38" blade available for 8 hp model tractor. 44" or 54" utility blades are available for the 10 hp through 16 hp models. Your dealer will be happy to recommend the utility blade best suited for your tractor horsepower and job conditions.







A completely smooth box and removable tail gate make unloading clean and easy.



**cart** Like all Case attachments, the Case-built dump cart is built tough and designed with work-saving extras that have become a tradition with Case: like a completely smooth interior and a removable tail gate for clean, no-hassle dumping.

There's a spring trip release for dumping from the tractor seat and the box swivels to 180° for easy unloading and cleaning.

Optional side boards are available for hauling bulky materials.

**sweeper** The Case built L-90 lawn sweeper is in a class by itself. The L-90's superior design begins with the Case exclusive gear drive that whips two leaf-grabbing brushes through your toughest clean-up jobs, quickly and easily. Picks up leaves, twigs, acorns, apples and other debris with virtual no-clog, non-stop efficiency.

Two gear driven brushes propel leaves and debris the full length of the hopper. No need to stop to adjust the load.







Position attachment in line with tractor mounting brackets.



Release spring-loaded pins to lock attachment to tractor.

Secure attachment controls to the tractor and you're ready to go.



Front weight kit



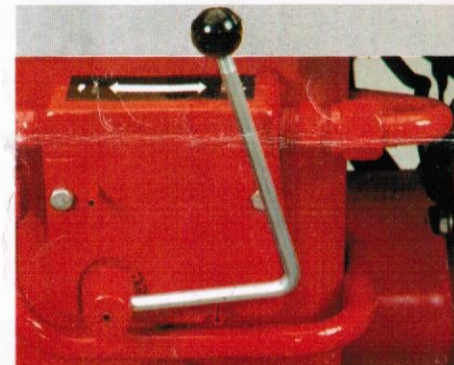
Three point hitch



Front or rear weight box



Sleeve type hitch



Flow control valve



Chains and wheel weights

## "snap fast" attachment system

All Case Lawn and Garden Tractors feature the exclusive Case "Snap-fast" system. Case-built mower, snow blower and utility blade interchange quickly — without tools — simple as A-B-C.

## accessories

Accessories are important — to achieve greatest work efficiency from your Case tractor and enjoyment from a job well done.

The accessories you select, of course, depend on the job to be done and the working conditions. To work efficiently, it is essential your tractor be equipped with the accessories needed to maintain proper traction, weight distribution, balance, etc.

Your Case Dealer will be glad to advise you with regard to the use of wheel weights and chains, front or rear weight kits and type of hitch to assure optimum performance, depending on attachment being used and working conditions.



# 400 series

## 446

Case builds the 446 knowing there's work to be done. Its high clearance frame will easily straddle deep furrows and rough ground. Of course, Case exclusive *Hydriv* is standard equipment, giving you single lever control of speed and direction, plus plenty of smooth hydraulic power for hydraulic attachments. *Hylift* (hydraulic attachment lift) is standard equipment.

It features a 2 cylinder, 4-cycle, 16 hp engine, ignition key electric start and big-job attachment capability like: 44" to 48" mower, 54" utility blade, 48" snowblower, 41" tiller, and Case built rear implement hitch.





## 444

Here's big tractor styling and big tractor performance, powered by 14 horses of smooth, hydraulic heft. Like the 446, the 444 features the rugged Case high clearance frame and Case exclusive *Hydriv* and *Hylift* (hydraulic attachment lift) as standard equipment.

At your service, the 444 cuts big jobs down to size quickly, accepting the full range of the biggest Case-built attachments: a 44" to 48" mower, 54" utility blade, 48" snowblower, 41" tiller, and rear implement hitch.





# 200 series

**224** Here's 14 hp of four-season versatility from the Case low profile 200 series. The 224 is ideal for any power conscious gardener, homeowner, or commercial user.

*Hydriv*, *Hylift* and electric start are all standard equipment.

Attachment capability: 38" to 48" mower, 44" or 54" utility blade, 38" or 48" snowblower, 41" hydraulic tiller, and Case built rear implement hitch.

**222** Here's 12 hp of low profile, ground hugging Case stability. An estate chore boy or hobby farm workhorse, the 222 features famous Case exclusive *Hydriv* with a mechanical attachment lift as standard equipment (*Hylift* optional).

Attachment capability: 38" to 48" mower, 44" or 54" utility blade, 38" or 48" snowblower, 41" hydraulic tiller, and Case built rear implement hitch.





**220** Enough is enough. And 10 hp may be plenty, especially when it is matched with the Case exclusive *Hydriv* in the Case 220. The mechanical attachment lift is standard (*Hylift* optional). The 220's welcome addition to anybody's "back 40."

Attachment capability: 38" or 44" mower, 44" utility blade, 38" snowblower, 41" hydraulic tiller, and Case built rear implement hitch.

**210** Four-on-the-floor economy and performance make this 10 hp Case a special member of our big-job family. Mechanically driven with a creeper speed for tilling and snowblowing, the 210 has all the dependable stamina of its bigger brothers, plus an equally impressive list of standard equipment like electric start, isolation engine mounts and "Snap-fast" attachment system.

Attachment capability: 38" or 44" mower, 44" utility blade, 38" snowblower, 32" mechanical tiller, and Case built rear implement hitch.





# 100 series

**108** Matching the right machine to the right job is part of your Case dealer's expertise. And that's exactly why Case rounds out their line with the small, but mighty, 108. Mechanically driven, this 8 hp Case has big tractor features like the Snap-fast attachment system, electric start and rubber isolation engine mounts that truly steal the show in its hp class. And once you drive it, it'll capture your heart!

Attachment capability: 34" mower, 38" utility blade, 32" snowblower.





# 600 series



**644/646** loader tractor and 646 loader/backhoe  
“Job-matched equipment” is more than a slogan with Case. The 644/646 prove it. Not just a compact tractor with an add-on attachment, these rugged, versatile machines are built to handle the day-in-day-out work load of commercial applications.

Case knows the extra beef that man-handling mother-earth requires. And it's all there. Heavy duty steering, wheels, bearings, spindles and axles are all engineered specifically for efficient loader and loader/backhoe operation. *Hydriv*, *Hyload*, and *Hylift* are all standard equipment, giving you fingertip control of tractor, bucket and attachments.

Loader tractors available in both 16.5 and 14 hp models 646 and 644, respectively. Loader/backhoe available in 646 Series B 16.5 hp model only.





# Case Lawn and Garden Tractor Specifications

	Model 108 Mech. Drive	Model 210 Mech. Drive Low Profile	Model 220 Hydri Low Profile	Model 222 Hydri Low Profile	Model 224 Hydri Low Profile	Model 444 Hydri Hi- Clearance	Model 446 Hydri Hi- Clearance	Model 644 Loader**	Model 646 Loader** Series B
Horsepower †	8	10	10	12	14	14	16	14	16.5
Engine — 4 cycle	Briggs	Kohler	Kohler	Kohler	Kohler	Kohler	Onan	Kohler	Onan
Isolated Mount	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No
Wheelbase — Inches (mm)	42 (1067)	46 (1168)	46 (1168)	46 (1168)	46 (1168)	46 (1168)	46 (1168)	48 (1219)	48 (1219)
Ground Clearance — Inches (mm)	5¼ (133)	7½ (181)	7½ (181)	7½ (181)	7½ (181)	11 (279)	11 (279)	8½ (206)	8½ (206)
Height Overall — Inches (mm)	38 (965)	40 (1016)	40 (1016)	40 (1016)	40 (1016)	43½ (1105)	43½ (1105)	43¼ (1105)	43¼ (1105)
Width Overall — Inches (mm)	32¼ (819)	37 (940)	37 (940)	37 (940)	37 (940)	40¼ (1022)	40¼ (1022)	44 (1118)	44 (1118)
Length Overall — Inches (mm)	57¼ (1454)	66 (1676)	66 (1676)	66 (1676)	66 (1676)	71 (1803)	71 (1803)	108 (2743)	108 (2743)
Tire Size Front — STD.	5:00 x 6	6:50 x 8	6:50 x 8	6:50 x 8	6:50 x 8	6:50 x 8	6:50 x 8	5:70/5:00x8	5:70/5:00x8
Tire Size Rear — STD.	8:50 x 8	8:50 x 12	8:50 x 12	8:50 x 12	8:50 x 12	8:00 x 16	8:00 x 16	8:50 x 15	8:50 x 15
Approx. Weight — Lbs. (kg)	315 (143)	515 (234)	715 (325)	715 (325)	760 (345)	770 (350)	800 (363)	1130 (513)	1190 (540)
Fuel Tank Cap. — Gals. (L)	1 (3.79)	3 (11.37)	3 (11.37)	3 (11.37)	3 (11.37)	3 (11.37)	3 (11.37)	5 (18.95)	5 (18.95)
Transmission Type	Gear	Gear	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Hyd. Reservoir Cap. — Gals. (L)	D.N.A.	D.N.A.	1.25 (4.74)	1.25 (4.74)	1.25 (4.74)	1.25 (4.74)	1.25 (4.74)	3.75 (14.2)	3.75 (14.2)
Transmission Gear Range — Forward Reverse	3 1	4 1	High-Low High-Low	High-Low High-Low	High-Low High-Low	High-Low High-Low	High-Low High-Low	High-Low High-Low	High-Low High-Low
Speed Range, MPH — (km/h) Forward Reverse	0-6.5(10.47) 0-2.7(4.35)	0-7.2(11.6) 0-2.7(4.35)	0-9.4 (15.1) 0-9.4 (15.1)	0-9.4 (15.1) 0-9.4 (15.1)	0-9.4 (15.1) 0-9.4 (15.1)	0-8.7 (14) 0-8.7 (14)	0-8.7 (14) 0-8.7 (14)	0-7.3 (11.7) 0-7.3 (11.7)	0-7.3 (11.7) 0-7.3 (11.7)
Brakes — Type	Disk	Band	Band	Band	Band	Band	Band	Band	Band
Parking Brakes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Starter — Type	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric
Electric System	12 Volt	12 Volt	12 Volt	12 Volt	12 Volt	12 Volt	12 Volt	12 Volt	12 Volt
Steering — Type	Gear & Sector	Gear & Sector	Gear & Sector	Gear & Sector	Gear & Sector	Gear & Sector	Gear & Sector	Gear & Sector	Gear & Sector
Attachment Lift — Type	Mech.	Mech.	Mech.*	Mech.*	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic

†Horsepower is engine manufacturer's standard rating per S.A.E. J607 specifications.

\*Hydraulic lift — Optional.

\*\*For complete loader and backhoe specifications conforming to IEMC definitions, see Loader Catalog.



# There's a reason every season for Case Garden Tractors and job-matched attachments



## allied equipment

- 1 10" Moldboard Plow
- 2 12" Plow for 3 pt. Hitch
- 3 Disk Harrow
- 4 Disk Harrow for 3 pt. Hitch
- 5 Cultivator
- 6 Cultivator for 3 pt. Hitch
- 7 Tool Bar
- 8 Planter Fertilizer
- 9 Spike Tooth Drag
- 10 Rear Scraper Blade 60"
- 11 Rol-Aerator
- 12 Cyclone Spreader-Seeder  
Above mfd. by: Cyclone Seeder Co., Inc., Urbana, Ind. 46990, 219-774-3339
- 13 E-Z Power Thatcher  
Above manufactured by E-Z Rake, Inc., 1001 South Randsell Road, Lebanon, Ind. 46052, 317-482-1662
- 14 Gandy Turf Tender  
Above mfd. by: Gandy Company, 528 Gandrud Road, Owatonna, Minn. 55060, 507-451-5430
- 15 Hudson Matador Sprayer  
Above mfg. by: H. D. Hudson Mfg. Co., 500 N. Michigan Ave., Chicago, IL 60611, 312-644-2830
- 16 Sweepster Pick-up Sweeper
- 17 Sweepster Rotary Broom  
Above mfg. by: Jenkins Equipment Co., Inc., 2810 Baker Road, Dexter, MI 48130, 313-426-5451
- 18 Lawn Roller
- 19 Spiker-Aerator  
Above mfg. by: Kensico Mfg. Co., Inc., Hubbells Road, Mt. Kisco, NY 10549, 914-666-6010
- 20 3 Gang Reel Mower  
Above mfg. by: Roxy-Bonner, Inc., 2000 Pioneer Road, Huntingdon Valley, PA 19006, 215-675-6869
- 21 Case Lawn Sweeper
- 22 Case Dump Cart with side board kit  
Above mfg. by: J I Case Outdoor Power Equipment Div., Winneconne, WI 54986 414-582-4455
- 23 Didier Hydraulic Sickle Bar Mower  
Above mfg. by: Didier Mfg. Co., 1652 Phillips Ave., Racine, WI 53403, 414-634-4887

