



SALES KNOW-HOW

Comparison Brochure



CADET 60
Riding Mower

CADET 60

Riding Mower

CUB CADET

**Lawn and Garden
Tractors**



**105 CUB CADET
TRACTOR
w/42" Mower**

Things to Sell Against John Deere

Primary and secondary belt drive. **Belts require more maintenance and higher cost to replace.** Adjustments are frequent and necessary to keep all belts tight.

Hardest shifting tractor of the group. With belt tightener drives, you are always waiting for gears to stop clashing before shifting.

In addition to adjustments for the primary and secondary belt tension, Deere has the clutch-brake linkage, generator belt, and several mower belt tension settings.

Variable speed drive is similar to combine propulsion control devices. Use of wooden wedge to spread sheaves apart is short-lived and troublesome.

Lift lever in raised position provides poor clearance for a hand on the steering wheel.

Hydrostatic motor is a hydraulic gear motor—not piston type like the IH Cub Cadet. The hydraulic gear motor is less expensive, not as positive a drive, and not comparable in quality to the Cub Cadet piston type motor.

The main belt on the mower drive has a spring-loaded idler that gives under load. This allows the belt to slip and burn when mowing tough material.

Belt rubs on the mower housing with unit raised or when going over irregular terrain.

Mowing height is only 1½ to 3½ inches.

Band brakes are used on the 6, 8, and 10 horsepower models. Not as serviceable as disc brakes used on all Cub Cadet models.

CUB CADET FEATURES

- All gear drive with positive shift arrangement. No belts to snap or wear. No hunting or clashing to shift gears. The only garden tractor with transmission and final drive like the larger industrial and farm tractors.
- Wide channel steel main frame provides sturdy support for operator, engine, transmission, final drive, and mounted tools. Five bolt hub on rear wheels gives added strength.
- Minimum adjustments for trouble-free, long life operation. Four adjustments are belt tension on mower, clutch, generator belt, and brake.
- Heavy-duty front axle pivots 6½ inches on either end to smooth out rough spots.
- Fully enclosed disc brakes for safe stops when moving forward or in reverse.
- Key ignition for safety and protection. No added electrical “doo-dads” to get wet, dirty and become inoperative.
- Fenders provide full coverage of tire, preventing mud splatter or rubbing of leg and/or clothing.
- Implement control lever easily engaged. Float may be obtained while on the go. Positive height setting for float position prevents scalping and gouging. Hydraulic control optional.
- Mows at heights between one and four inches in the finest grass or rankest weeds. Three-blade mower insures clean cutting.
- Reliability and value—proven every year since introduction.

JOHN DEERE



CUB CADET

SPECIFICATIONS

SPECIFICATIONS

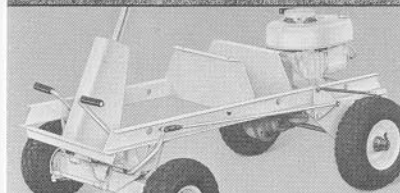
	JOHN DEERE				CUB CADET					
	60	110	112	140	72	104	105	124	125	Model
Model	60	110	112	140	72	104	105	124	125	Model
Engine	Tecumseh	Kohler	Tecumseh	Kohler	← Kohler →				Engine	
Horsepower	6	8	10	12	7	10	10	12	12	Horsepower
Clutch	Belt	Belt	Belt	—	Disc	Disc	—	Disc	—	Clutch
Transmission (Type)	Belt & Gear	← Variable Speed Belt & Gear →		Hydrostatic	All Gear	All Gear	Hydrostatic	All Gear	Hydrostatic	Transmission (Type)
Transmission (Speeds)	3F 1R	4F 1R	4F 1R	1/2-6 3/4 F 1/2-3 3/4 R Infinite	3F 1R	3F 1R	0-8F 0-4R Infinite	3F 1R	0-8F 0-4R Infinite	Transmission (Speeds)
Creeper Drive Available	No	No	No	Not Req'd.	Yes	Yes	Not Req'd.	Yes	Not Req'd.	Creeper Drive Available
Brakes	Band	Band	Band	Caliper Disc	4.5" Disc Type	4.5" Disc Type	4.5" Caliper Disc	4.5" Disc Type	4.5" Caliper Disc	Brakes
Steering	← Enclosed Cam & Lever →				← Enclosed Cam & Lever →				Steering	
Rotary Mowers	34"	38"	46"	46"	← 38", 42" or 48" →				Rotary Mowers	
Mower Cutting Height	← 1 1/2" - 3 1/2" →				← 1" - 4" →				Mower Cutting Height	
Front Blades	42"	42"	42"	54"	← 42" →				Front Blades	
Snow Throwers	32"	38"	38"	46"	← 36" or 42" →				Snow Throwers	
Tillers	N.A.	← 22", 30" or 38" →		26", 34", or 42"	← 32" or 38" →				Tillers	

CADET 60 FEATURES

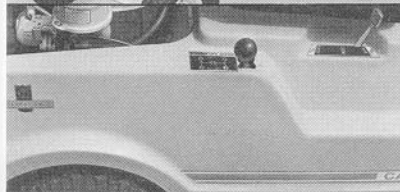
CADET 60 COMPARISONS



Wide-Track Design—



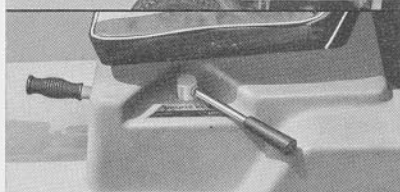
Full-Length Steel Frame—



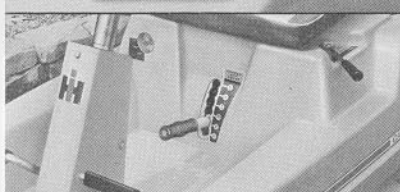
4-Speeds Forward and Reverse—



Dual Pedal Direction Control—



Engage-Disengage Mower Lever—



Easy Cutting Height Adjustment—

		IH	Reo	Bolens	Jacobson	Ariens	Toro
Model		Cadet 60	Lawn Skiff	Lawn Keeper	42602	3M-L6	LT-6
Engine		Tecumseh	Tecumseh	Tecumseh	Tecumseh	Tecumseh	Tecumseh
Horsepower		6	6	6	6	6	6
Type Transmission		Gear	Transaxle	Gear	Belt-Chain	Disc	Transaxle
Transmission Speeds	Fwd.	4	2	2	1 Variable	4	3
	Rev.	4	2	2	1 Variable	1	1
Starting		Manual or Electric	Manual or Electric	Manual or Electric	Manual or Electric	Manual	Manual or Electric
Steering		Wheel	Wheel	Wheel	Tiller	Tiller	Wheel
Mower Width (in.)		32	32	32	26	26/32	25
Cutting Height (in.)		1½-4	1¾-3¾	1½-3	N.A.	N.A.	N.A.
Discharge Direction		Rear	Rear	Side	Rear	Side	Side
Net Weight (lbs.)		380	334	300	346	298/331	280
		IH	A-C	M-F	Sears	Snapper	Hahn/Eclipse
Model		Cadet 60	MB-732	MF24SD	96400	Comet 306X	LH-132/IH-132
Engine		Tecumseh	Briggs & Stratton	Briggs & Stratton	Craftsman	Briggs & Stratton	Briggs & Stratton
Horsepower		6	7	4	7	6	5/7
Type Transmission		Gear	Friction Disc	Gear	Gear	Gear Transaxle	Friction Disc
Transmission Speeds	Fwd.	4	5	3	3	5	5
	Rev.	4	1	1	1	1	1
Starting		Manual or Electric	Manual	Manual	Manual	Manual or Electric	Manual
Steering		Wheel	Tiller	Wheel	Wheel	Tiller	Tiller
Mower Width (in.)		32	32	24	32	30	32
Cutting Height (in.)		1½-4	1½-3½	1-3	N.A.	1-4	1½-3½
Discharge Direction		Rear	Side	Side	Side	Side	Side
Net Weight (lbs.)		380	300	213	265	333	285/300

Things to Sell Against Bolens

Advertise a gear type transmission and clutch plate power drive; but initial transfer of engine power is a V-belt drive with a tightener.

Worm-gear drive differential; operator must pull a pin to push the tractor around with the engine off. Pin is difficult to re-insert.

Worm-gear drive makes abrupt starts and stops; has tendency to tear the turf on well-manicured lawns.

Differential lock is hand operated on the left side of tractor with unit stopped. Scuffs and gouges the turf.

Two speed ranges are belt driven and use belt tighteners. Ranges use two top and two lower pulleys with a sliding tightener.

Foreign material tends to build up behind the sliding tightener and on the shaft, making it difficult to shift ranges.

Tractor is difficult for the operator to get on and off.

Objectionable heat from the engine. Configuration of hood causes heat to be blown on legs. Hood gets hot.

Front-left mounting of generator starter is exposed to possible damage. Belt is exposed and not shielded.

Fenders offer little or no shielding to operator's legs.

No gauge wheels for the mower—cutting height set by notches on lift lever quadrant.

BOLENS

SPECIFICATIONS

Model	770	850	1050	1250
Engine	Briggs & Stratton	← Wisconsin →		
Horsepower	7	8 $\frac{1}{4}$	10	12 $\frac{1}{2}$
Clutch	Belt	Disc	Disc	—
Transmission (Type)	Belt & Gear	Gear	Gear	Hydrostatic
Transmission (Speeds)	6F 2R	6F 2R	6F 2R	0-8F 0-8R Infinite
Creeper Drive Available	No	No	No	Not Req'd.
Brakes	Band	Shoe	Shoe	Disc
Steering	← OPEN Pinion & Sector →			
Rotary Mowers	32"	32" or 38"	38" or 42"	48"
Mower Cutting Height	← 1 $\frac{1}{2}$ "-4" →			
Front Blades	← 42" →		54"	
Snow Throwers	32"	← 36" →		42"
Tillers	N.A.	30" or 33"	← 33" →	

Things to Sell Against Ford

The belt drives are not as positive; and require more upkeep, replacement parts, and time for maintenance.

Sloping footrests and cluttered center deck make the tractor hard to mount or dismount.

Fenders appear stylish, but do not provide good wheel coverage for protection from mud or snow splatter.

Implement lift lever is difficult to reach when in the forward positions. There is no provision for a float setting on the lift lever.

Band type brakes are exposed with no provision for a parking brake.

Open gear steering allows material to build up, resulting in probable steering problems. Steering is also very quick acting—tends to be over-responsive at high speeds.

“Hunt-type” shifting arrangement due to V-belt clutch. Doesn't disengage positively for fast, easy shifting.

36" mower is entirely sheet metal; no castings on either spindle housing to absorb shock loads if an obstruction is hit.

42" mower cutting height is only 3"; not high enough for desirable cutting heights of some materials.

Hand clutch for controlling power to mounted equipment projects out on the left side of the engine. Appears awkward by comparison to the IH Cub Cadet.

FORD

SPECIFICATIONS

Model	80	100	120
Engine	← Kohler →		
Horsepower	8	10	12
Clutch	← Belt →		
Transmission (Type)	Gear ← Gear or Hydrostatic →		
Transmission (Speeds)	4F ← 0-6¾ For., 1 Rev. or 1R → 0-3 Rev. Infinite		
Creeper Drive Available	No	No	No
Brakes	← Band Type →		
Steering	← OPEN Worm & Sector →		
Rotary Mowers	36" or 42" ← 42" or 48" →		
Mower Cutting Height	36" Mower 1½"-4" ← 42" Mower 1¼"-3" 48" Mower N.A. →		
Front Blades	← 42" →		
Snow Throwers	← 36" →		
Tillers	← 32" →		

Things to Sell Against M-F

Manufactured by Dura Corporation, Richmond, Indiana.

Angle iron frame provides narrow base for attaching component parts.

Belt tightener serves as clutch on final drive. With belt drive, shifting is more difficult; operator must wait for belt to fully disengage gears.

Both the main clutch idler and mower idler are spring loaded. Springs lose tension through continued stretching; therefore to prevent belt slippage, the idler must be readjusted periodically and/or spring replaced.

Open gear steering on the MF-7 allows grass and soil buildup, resulting in steering problems.

Exposed brakes. The park lock is hard to engage, and lever interferes with rear mounted tools.

Implement control lever is difficult to engage, and interferes with accessible mounting of tractor.

Fender is not functional. It does not protect legs or clothing from rubbing on tire or from mud and snow splatter.

Mower has gear box spindle drive, but the basic drive to the gear box is by V-belt. To change this belt requires an extension wrench and considerable work and time.

Top mowing height is only $3\frac{1}{4}$ inches. Roller-type gauge on mower doesn't allow it to follow over irregular terrain.

MASSEY-FERGUSON

SPECIFICATIONS

Model	MF-7	MF-10	MF-12
Engine	← Tecumseh →		
Horsepower	7	10	12
Clutch	Belt	Belt	—
Transmission (Type)	Belt & Gear	Variable Speed Belt & Gear	Hydra-Speed
Transmission (Speeds)	3F 1R	4F 1R	0-9F 0-5R Infinite
Creeper Drive Available	Yes	No	Not Req'd.
Brakes	Caliper Disc	Band & Drum	Hydrostatic
Steering	OPEN Gear	← Enclosed Cam & Pin →	
Rotary Mowers	34"	42"	42"
Mower Cutting Height	← $1\frac{1}{2}$ "-4" →		
Front Blades	← 42" →		
Snow Throwers	← 36" →		
Tillers	← 22" or 38" →		

Things to Sell Against A-C

Belt drive requires more adjustments and necessary servicing. Exposed PTO drive belts.

Exposed band brakes—not as serviceable as disc brakes.

Combination fenders and seat serve as a cover for the many belts, sheaves, linkages, and belt tighteners. The fenders do not provide full wheel coverage resulting in snow or mud splatter on operator's legs. Legs could rub against tire.

Hard to mount and dismount. Footrests small and not as convenient for different size operators. Usually rest part of foot on mower, but vibration "gets to" the operator.

Lever for implement control too far forward; hard to reach and hits air cleaner when placed in the last slot.

Mower drive belt rubs on housing when raised or over irregular terrain. Poor discharge funnel allows some grass, dirt, and other material to be thrown on operator.

Roller-type gauge on mower does not have the flexibility of gauge wheels. This causes more uneven mowing on irregular terrain.

Operator must remove four thumb screws and lift hood off for access to the battery or engine. No comparison to the hinged and latched hood on the IH Cub Cadet.

Overall poor appearance by comparison to the IH Cub Cadet.

ALLIS-CHALMERS

SPECIFICATIONS

Model	B-110	B-112
Engine	← Briggs & Stratton →	
Horsepower	10	12
Clutch	Belt	Belt
Transmission (Type)	Gear	Variable Speed Belt & Gear
Transmission (Speeds)	3F 1R	3F 1R
Creeper Drive Available	Yes	No
Brakes	← Band →	
Steering	← Enclosed Gear & Sector →	
Rotary Mowers	42"	42" or 48"
Mower Cutting Height	← N.A. →	
Front Blades	← 42" or 46" →	
Snow Throwers	36"	36" or 42"
Tillers	← 32" or 42" →	

Things to Sell Against Simplicity

Hard to mount and dismount. Footrests small and not as convenient for different size operators. Usually rest part of foot on mower, but vibration "gets to" the operator.

Lever for implement control too far forward; hard to reach and hits air cleaner when placed in the last slot.

Operator must remove screws and lift hood off for access to the battery or engine. No comparison to the hinged and latched hood on the IH Cub Cadet.

Belt drive requires more adjustments and necessary servicing. Exposed PTO drive belts.

Combination fenders and seat serve as a cover for the many belts, sheaves, linkages, and belt tighteners. The fenders do not provide full wheel coverage resulting in snow or mud splatter on operator's legs. Legs could rub against tire.

Exposed band type brakes—not as serviceable as disc brakes.

Mower drive belt rubs on housing when raised or mowing over irregular terrain. Poor discharge funnel allows some grass, dirt, and other material to be thrown on operator.

Roller-type gauge on mower does not have the flexibility of gauge wheels. This results in more uneven mowing on irregular or rough ground.

Overall poor appearance by comparison to the IH Cub Cadet.

SIMPLICITY

SPECIFICATIONS

Model	717	2110	3012
Engine	← Briggs & Stratton →		
Horsepower	7	10	12
Clutch	Belt	Belt	Belt
Transmission (Type)	← Gear →		Variable Speed Belt & Gear
Transmission (Speeds)	2F 1R	3F 1R	3F 1R
Creeper Drive Available	Yes	Yes	No
Brakes	← Band →		
Steering	← Enclosed Gear →		
Rotary Mowers	36"	42"	42" or 48"
Mower Cutting Height	← N.A. →		
Front Blades	42"	← 42" or 46" →	
Snow Throwers	32"	36"	42"
Tillers	N.A.	← 32" or 42" →	

Things to Sell Against Case

There is no standard transmission available for the Case tractors. The higher priced Hydra-Static drive is advantageous for many applications, but not all homeowners can justify a need or are willing to pay the additional price.

This tractor was formerly the Colt garden tractor; it is now being built by Case.

The steering tie rods are ahead of the axle, unprotected from bending when bumping an object. The tie rods are connected by pins, compared to ball joints on the Cub Cadet.

Fenders do not provide good coverage of the wheels; operator's legs are subject to splatter in mud or snow.

Open gear steering allows grass and dirt to buildup on steering mechanism resulting in steering problems.

Model 195 has large diameter rear tires, giving it a high profile appearance; and virtually no fenders for operator protection.

Full width, roller-type gauge does not allow the flexibility for uniform mowing over uneven terrain as do gauge wheels.

Mower cutting height ranges from only 1½ to 3½ inches—somewhat limited in certain types of material.

Exposed muffler on right-hand side of engine is a safety hazard. Either an operator or children could very easily get burned if working or playing around the tractor after it has been running.

CASE

SPECIFICATIONS

Model	155	195
Engine	← Kohler →	
Horsepower	10	12
Clutch	—	—
Transmission (Type)	Hydra-static	Hydra-static
Transmission (Speeds)	0-7.4F 0-7.4R Infinite	0-7.8F 0-7.8R Infinite
Creeper Drive Available	Not Req'd.	Not Req'd.
Brakes	← Capiler Disc →	
Steering	← Open Gear and Sector →	
Rotary Mowers	← 38" or 44" →	
Mower Cutting Height	← 1½"-3½" →	
Front Blades	44"	50"
Snow Throwers	← 36" 44" w/wings →	
Tillers	← 40" →	

Things to Sell Against Wheel Horse

Belt tightener drives present maintenance problems and costly belt replacements. Slippage is also an inherent problem.

"Hunt type" gear shift pattern is slower and not as easy to shift.

Lift lever for implements is hard to reach in the forward position.

Operator's compartment accessibility is difficult due to belt drive shielding on operator's deck. Small footrests make leg positioning uncomfortable.

Clutch is difficult to feather for smooth starts.

Angle iron frame provides narrow base for attaching component parts.

Fenders do not provide full shielding for the operator's legs.

Uncomfortable engaging of the clutch-brake pedal; operator must tip foot forward to operate the pedal.

Throttle control is difficult to set. It is a "pull and twist" control.

Open gear steering allows grass and soil to build up causing steering problems.

Band type brakes used on the gear drive models. Not as serviceable as the disc brakes used on all Cub Cadet models.

Cutting height of the mowers range only from 1½ inches to 3¾ inches.

WHEEL HORSE

SPECIFICATIONS

Model	Com- man- do 8	Raider 9	Raider 12	Charg- er 9	Charg- er 12
Engine	Kohler ← — Tecumseh — →				
Horsepower	8	10	10	12	12
Clutch	Belt	Belt	—	Belt	—
Transmission (Type)	Gear	Gear	Hydro- static	Gear	Hydro- static
Transmission (Speeds)	3F 1R	6F 2R	0-7F 0-7R Infinite	6F 2R	0-7F 0-7R Infinite
Creeper Drive Available	No	No	Not Req'd.	No	Not Req'd.
Brakes	Band	Band	Hydro- static	Band	Hydro- static
Steering	← — Open Gear — → and Sector				
Rotary Mowers	32" or 36"	← — 36", 42" or 48" — →			
Mower Cutting Height	1 3/8" to 3 3/8"	← — 1 1/2" - 3 3/4" — →			
Front Blades	← — 42" — →				
Snow Throwers	← — 37" or 42" — →				
Tillers	← — 36" — →				