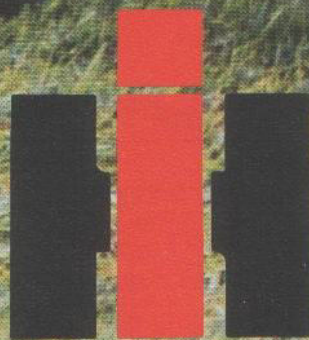


International[®] 844



Perfection and Quality Throughout



Perfect in economy and reliability

Anyway you look at the new 844 International . . . styling . . . power . . . economy . . . convenience . . . adaptability . . . you'll discover a complete new concept in tractor design. Perfect transmissions (std and opt), all gears fully synchronized, well graduated job-rated speeds for more versatility and increased daily work output. Perfect governed diesel engine with matched speed-power for every job plus extremely low fuel consumption through direct injection. Perfect hydraulics tailored to give instant, precise control of front and rear mounted implements. Perfect comfort and convenience, deluxe suspension seat, walk-through driver's compartment, automotive steering column gear-shift, hip-high located controls. A perfect combination of elegant styling, rugged construction and proven power. The 844 is perfect . . . in every respect.

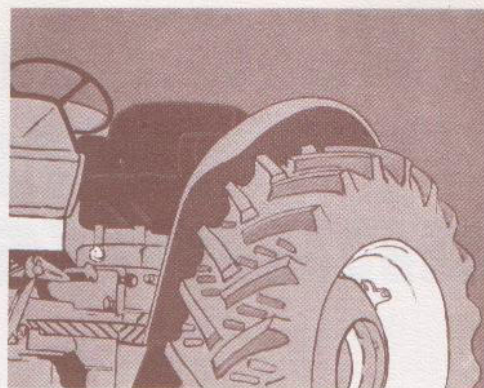
- Clean, uncluttered walk-through operator's deck
- Low step for easy mounting
- Deluxe suspension seat
- Easy-to-reach control levers

- Automotive steering column gear-shift
- Well-designed instrument panel with glance-grouped gauges
- Unexcelled visibility



Driver Convenience

Everything on this tractor is designed to give you ideal working conditions for a good day's output. Much attention has been paid to the



The elephant type fenders are standard for all export tractors.

driver's compartment. Step aboard. Notice the uncluttered deck and easy mount! Gone are the levers between your legs. The gear shift is now operated from the steering column. Other control levers are just a hand-drop away.



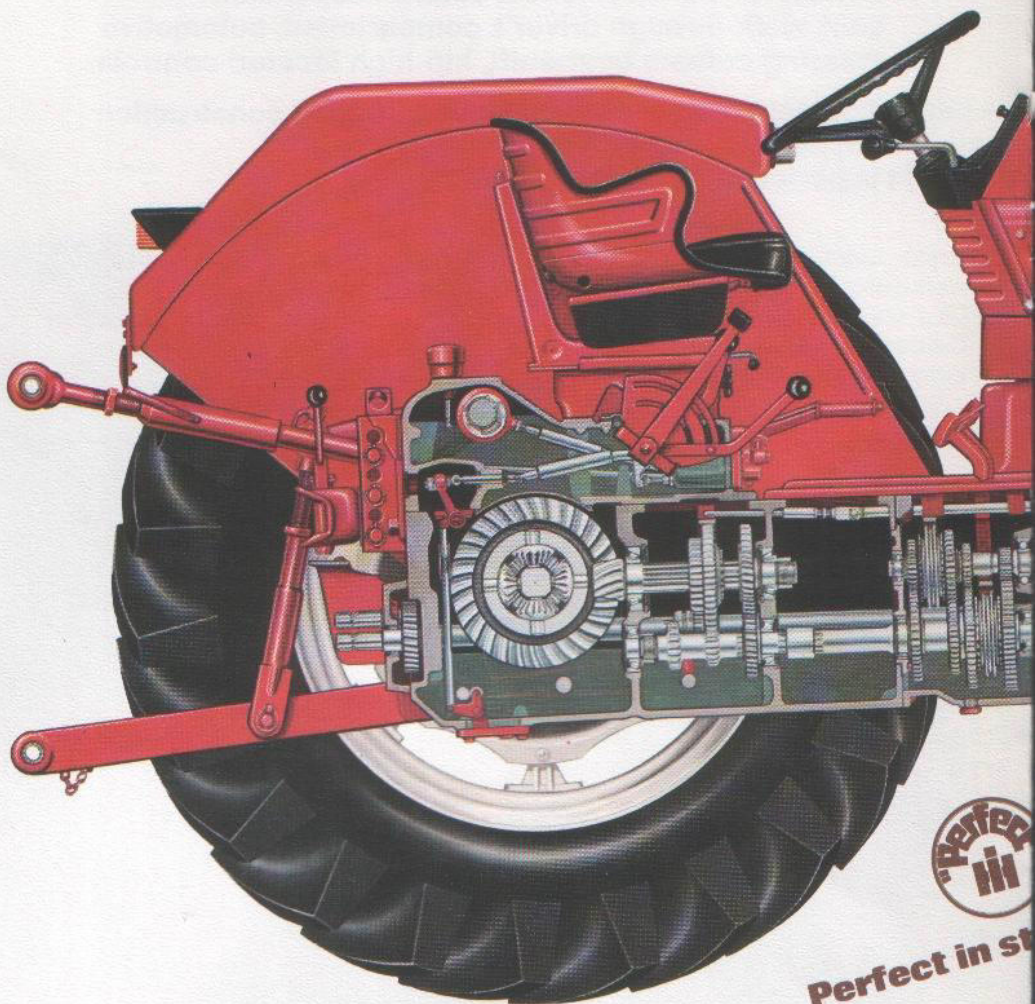
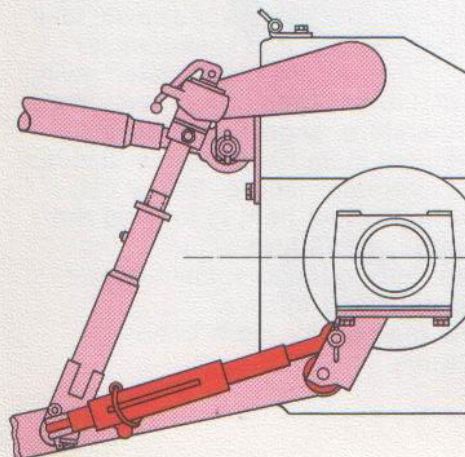
Slide into the foam-cushion deluxe seat. You'll really appreciate the benefits of this scientifically-built seat after a full day's work. You'll enjoy too, the positive feel of the natural-positioned steering wheel. Note the modern instrument panel: left, the tractometer incorporating the hour meter, engine and power take off rev. counter, and speedometer. Right, the deluxe combimeter giving instant notification of fuel level, water temperature, engine oil pressure, headlight main beam, turn indicators and alternator failure. Below the steering wheel (left) is located the combi-switch which actuates the horn, turn indicators, main beam, and headlight flasher. Now read on for more bonus features.

EXACT hydraulic system offers unlimited versatility

- Fully independent system
- Lower link sensing
- Built-in safety features
- 3-point hitch cat. II w/adj. lift arms and telescopic side supports
- Swinging drawbar
- Auxillary hydr. lift cylinder and control valves

The EXACT hydraulics is the most up-to-date hydraulic system you could ever wish to handle. Once set at the desired plowing depth the lower link sensing device will register any ground irregularities and automatically make the necessary changes. Enormous lift capacity caters for the heaviest equipment rear-mounted or front mounted (farm loader) — you'll control it faster, more precisely and with least effort.

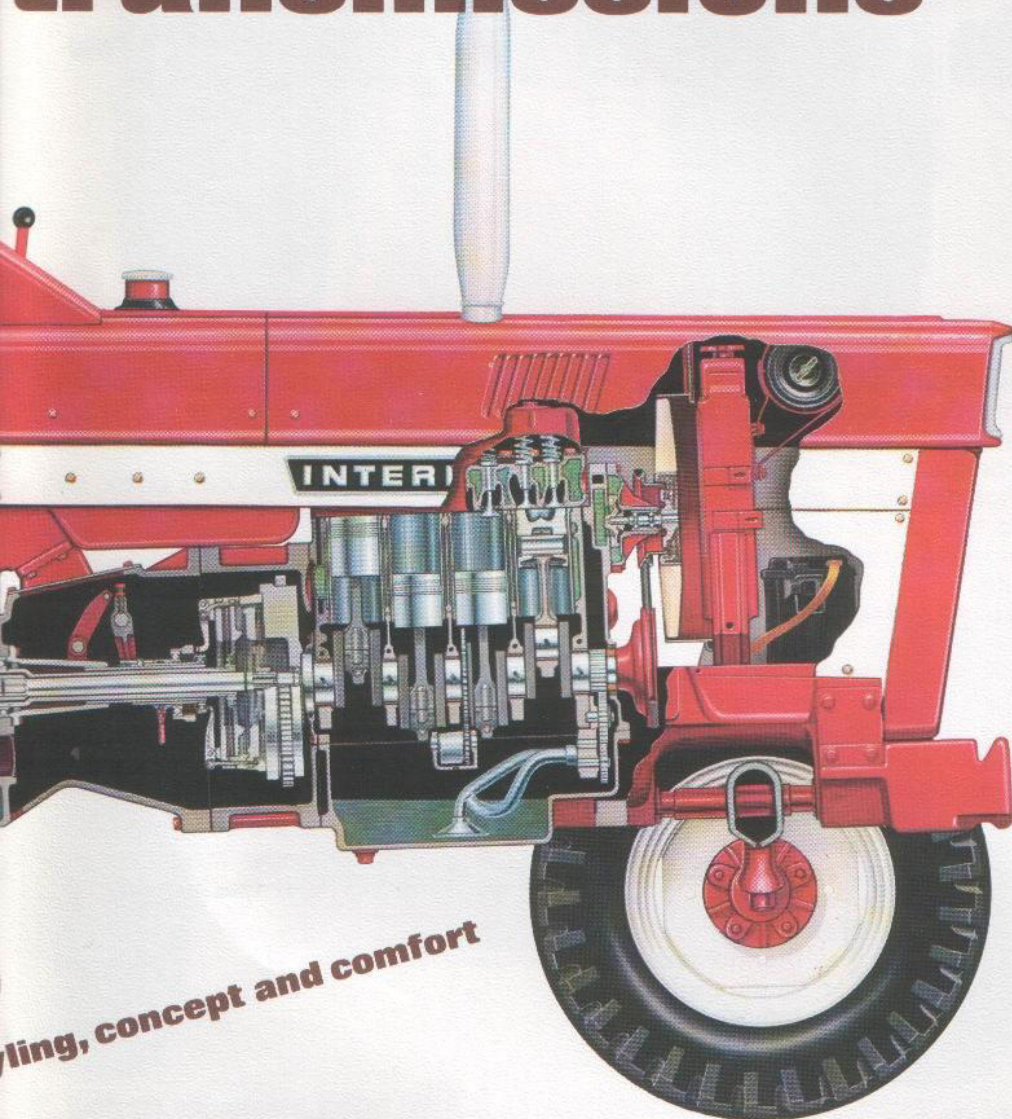
EXACT is a fully independent closed system with simple two-lever draft and position control. The hydraulic pump is driven directly from the engine. Being a separate unit it has its own oil and filtering system. An overload relief valve completely safeguards the system. Other safety features include: built-in lowering speed control for heavy implements and a safety check valve to prevent accidentally dropping of implement when raised. Three-point hitch category II with adjustable lift arms, telescopic side supports and




Perfect in st



Choice of 3 fully synchronized transmissions



ing, concept and comfort

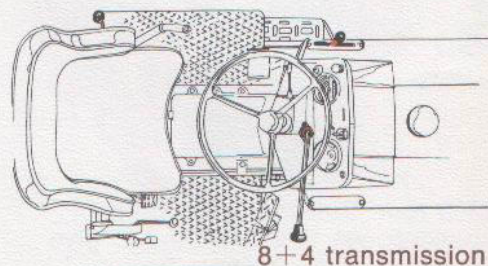
swinging drawbar are standard equipment. Fast hitch couplings and auxillary valves (up to 2 can be mounted) are available.

- Choice of three fully synchronized transmissions
- Steering column gear shift
- Fully independent power take-off
- Compact planetary-type gear reduction

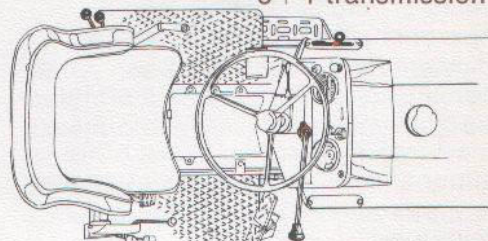
You have a selection of three fully synchronized transmission with well-graduated speeds to suit your specific farming operation. Standard is the **8+4 transmission**. It has a high, low and reverse range with four speeds in each group. You'll find the range lever conveniently positioned left next to the seat. The optional **16+8 transmission with speed reducer** has an extra speed in each gear . . . a total of 16 forward and 8 reverse speeds. Also available is the exclusive **Agriomatic-S 12+4 transmission**

with hydraulic instant reverse, 12 forward, 4 reverse speeds. This system includes multi-disc clutch packs which are hydraulically actuated by an independent pump and controlled by the Agriomatic-S lever, mounted on the right of the instrument panel. Having selected your range and gear, you can set the tractor in motion, stop, increase or decrease speed, move forward or backward (reverse range) with the aid of the Agriomatic-S lever without shifting a gear or operating the clutch.

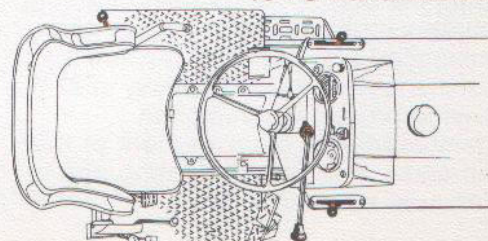
Each transmission is available with a **dual clutch** which enables you to engage or disengage the power take off on-the-go and under load. The power take-off is a fully independent 2-shaft system with speeds of 540 r.p.m. and 1000 r.p.m. Ground speed p.t.o. is also available.



8+4 transmission



16+8 transmission

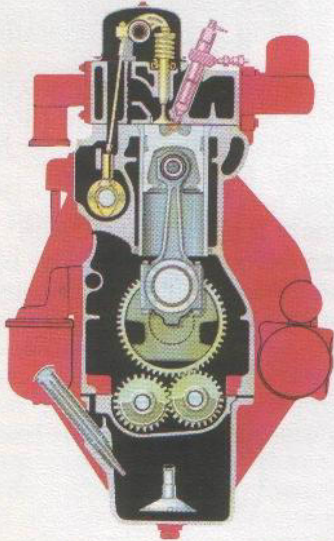


12+4 Agriomatic-S

Powerful International 4-cylinder Diesel Engine with Matched IH - Engineered Attach- ments

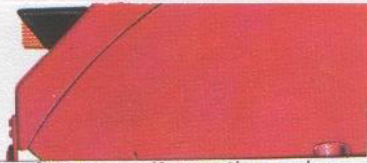
- Fully independent system
- Lower link sensing
- Built-in safety features
- 3-point hitch cat. II w/adj. lift
- High torque over wide speed range
- Governed engine for extra long life
- 11-inch Dyna-Life clutch
- Dry-type air cleaner
- Spin-off, throw-away type oil filter

This 4-cylinder IH direct-injection diesel engine is fully governed at



2300 rpm. Designed for optimum speed-power flexibility and to give years of reliable trouble-free operation. Tested and proven a thousandfold under every conceivable climatic condition in tractors, heavy construction machines and trucks. Behind this super-smooth, most efficient engine is an unequalled combination of features.

Distributor type rotary injection pump with hydraulic governor and advanced unit is highly responsive to changes in load, resulting in 27% saving on fuel consumption compared with other tractors of this hp-class. It is self-lubricating and requires no maintenance.



Rotating valve cap allows the valve to turn on its seat and spreads working load to increase valve seat life.

Easy starting in winter is guaranteed by the electrical heater element in intake manifold.

Five-bearing crankshaft is statically and dynamically balanced ensuring exceptionally smooth and vibration-free operation.

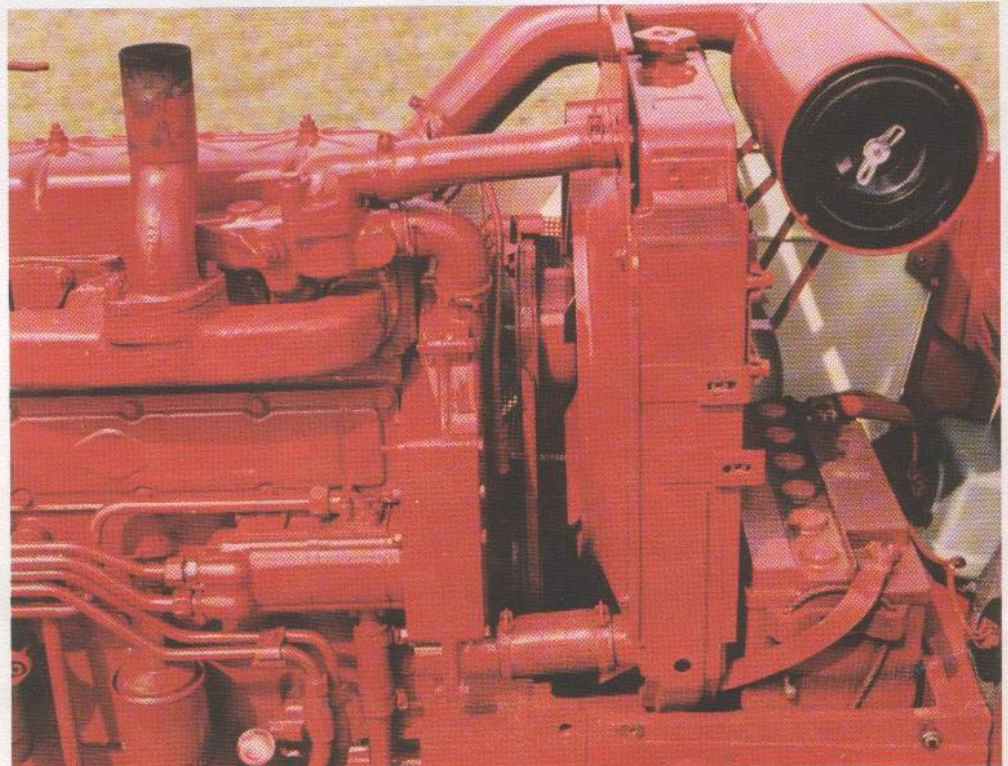
Uniform operating temperature prevents excessive engine wear. This is maintained by the high capacity impeller. It provides a fast circulation of coolant for an even dissipation of heat. A two-way thermostat cuts off flow to radiator, when engine is below operating temperature. If temperature rises above normal

temperature, the thermostat cuts off by-pass hose and opens radiator flow.

250-hour oil change cuts costs. Other tractor oil change periods vary between 100 and 150 hours. The practical **throw-away type engine oil filter** is replaced in seconds.

Dry-type air filter, mounted in dust-free zone in front of the radiator, ensures 99.9% clean air intake. Electric warning light indicates when service is necessary.

Dyna-Life clutch has special cerametallic pads that provide clutch life five times longer than the conventional fiber types.

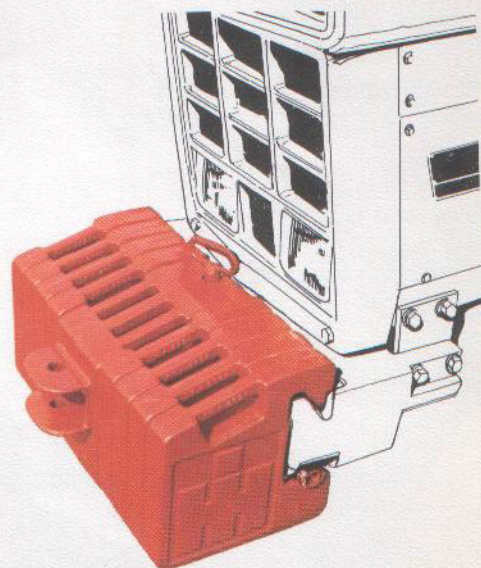




Perfect in ease of operation and service

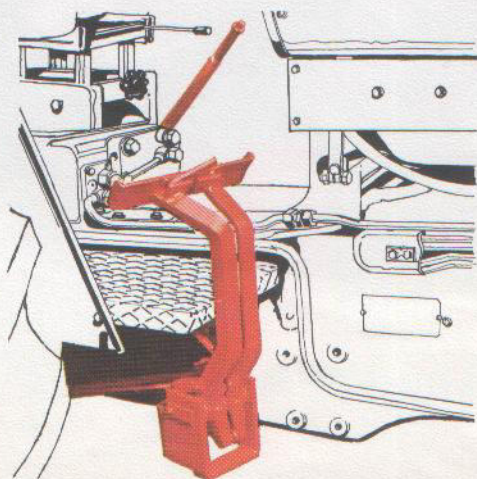
The **heavy-duty front axle** has an oval cross section which makes it capable of withstanding enormous shear stress.

Optional telescopic track adjustment provides **six different track widths** between 1320 mm (51 in.) to 1860 mm (73 in.) The front weight bolster is designed to accommodate **11 suitcase weights**. Each weight adds 38 kg (appr. 84 lbs.) providing additional front end stability to



- Vertical adjustable trailer hitch
- Heavy-duty oval-shaped front axle
- Extra-long wheelbase — excellent weight distribution
- Double disc wet brakes, hydraulically operated
- Standard hydrostatic steering
- Optional ROPS (roll-over prevention structure)
- BOSCH electrical equipment — 12-Volt, 88 Ah battery, 4 hp. starter, 28 Amp. alternator
- Easy service — tip-up engine hood
- Large-dimension tool-box

Standard **IH hydrostatic power steering** is the easiest and most effective. You can maneuver in the tightest spots with exceptional ease. No mechanical linkage, gear-type completely independent hydraulic pump.



Positive safe braking is assured by the **hydraulically operated** 9-inch diameter **double disc brakes**. They run in oil which is automatically replenished. Pedals can be latched together for normal service or operated individually as a steering brake. An **independent handbrake** is standard equipment.

match heavy hitch loads. An ideal weight distribution is provided by the **exceptionally long wheelbase**. Other features include the dependable Bosch electrical equipment . . . optional **roll-over protection structure** . . . **extra-large tool-box** . . . and above-all easy accessibility to engine components for fast maintenance.

Specifications

Engine	
Model	D-246
Max. output, hp	82
Rated speed, rpm	2300
Max. torque, mhp (ft. lb.)	26.3 (190.2)
at speed, rpm	1500
No. of cylinders	4
Bore, mm (in.)	100 (3.937)
Stroke, mm (in.)	128.5 (5.06)
Displacement, cm ³ (cu. in.)	4009 (246)
Compression ratio	16:1

Dimensions	
Length, mm (in.)	3928 (154.6)
Width, mm (in.)	2040 (80.3)
Height (steering wheel), mm (in.)	1825 (71.9)
Wheelbase, mm (in.)	2386 (93.9)
Ground clearance, mm (in.)	500 (19.7)

swinging drawbar with clevis; semi-crown type rear fenders; straight, adjustable front axle, 18 in. clearance; 5,50 F x 16 front wheels with 7,50 x 16, 6 PR tires; W 15 L x 30 rear wheels with 16.9/14 x 30, 6 PR R1 tires.

Add-on Attachments
Belt pulley; short drawbar — cross bar type; quick coupler for use with three-point hitch; dust-sealings, for dual and single clutch; OECD approved safety frame; front splash shields; rear working light; front bolster weight, 180 kg; suitcase weight, single unit 38 kg; retaining rod for suitcase weights; rear wheel weights 120 and 240 kg; spacer for dual wheels; additional hydraulic lift cylinder; height adjustable trailer hitch, rear view mirror; co-driver seat; two auxiliary valves, single or double-acting; break-away couplings.

Electric System	
Battery, dry precharged	12 V, 88 Ah
Alternator	14 V, 28 Amp.
Starter	12 V, 4 hp

Regular Equipment
INTERNATIONAL D-246 4-cyl. direct injection diesel engine (82 max. engine hp); P.T.O., rear, 540 rpm; wet type double disc foot brake, dual pedal with safety latch, hydraulically actuated; independently operated band type hand brake; 2 head lamps for R.H. traffic, 2 tail lights, 2 side lights and 2 reflectors; instrument panel with tractorometer including hourmeter, tachometer and indicating revolutions of engine and P.T.O.; combimeter including cooling thermometer, fuel gauge and warning lamps for: alternator charging, oil pressure, headlamp beam and directional signal lights for tractor and two trailers; vertical exhaust pipe and muffler; dual type fuel filter with water separator; dry type air cleaner; hydrostatic steering; De-Luxe suspension seat; fully live EXACT hydraulic system with draft and position control, lower link sensing, cat. II three-point linkage and outside telescopic side supports;

Special Equipment
Adjustable front axle with 18, 20 or 24 in. clearance with hydrostatic or mechanical steering; non-adjustable front axle with 18 or 20 in. clearance with hydrostatic or mechanical steering; 11 in. single clutch with CERAMETALLIC linings; battery 12 V, 110 Ah, dry precharged; directional signal lights with warning lights; head lamps for L.H. traffic; rear wheel fenders, crown-type w/flat top; P.T.O., rear, 540 and 1000 rpm, ground speed P.T.O.; Super De-Luxe suspension seat; dust-sealed oil level gauge; breather in valve housing cover; tractorometer 19 mph.

Transmissions
8+4 synchronized transmission and 11 in. dual clutch with CERAMETALLIC linings; 16+8 synchronized transmission with speed reducer and 11 in. dual clutch with CERAMETALLIC linings; 12+4 AGRIONATIC-"S" synchronized transmission with fast reverser and 11 in. dual clutch with CERAMETALLIC linings;

Capacities	
Fuel tank, ltr. (gal.)	102 (27)
Cooling system, ltr. (gal.)	19.5 (5.2)
Crankcase, ltr. (gal.)	9 (2.4)
Transmission case, ltr. (gal.):	
Standard	42 (11.1)
Agriomatic-"S"	35 (9.3)
Hydraulic system, ltr. (gal.)	18 (4.8)

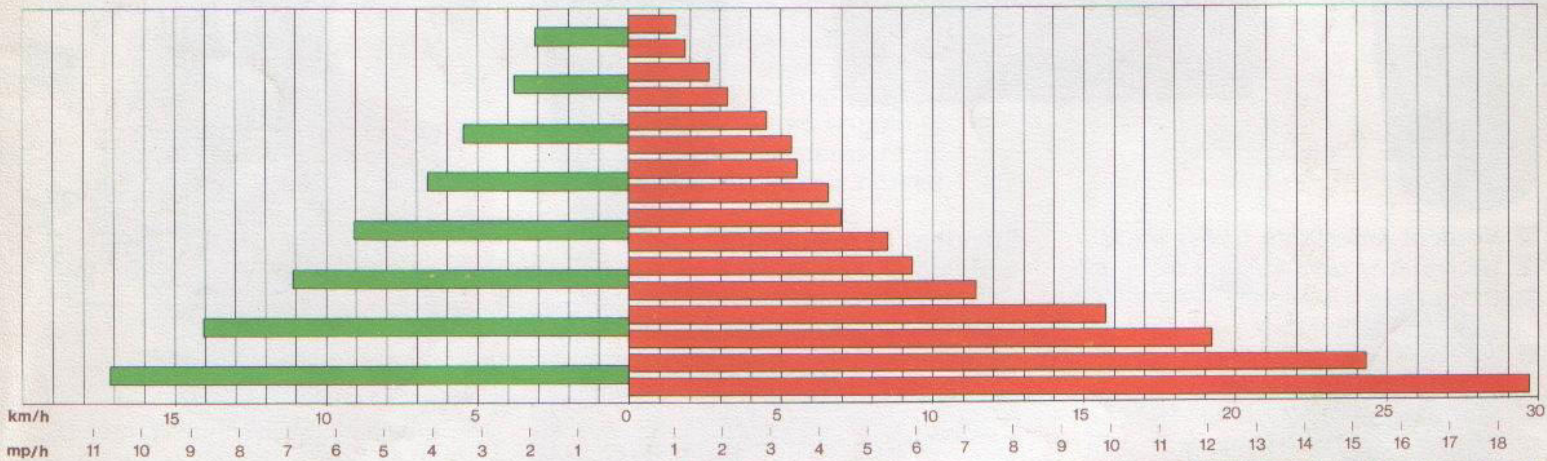
Weight
w/standard equipment,
kg (lbs.) 2860 (6305)

Optional Wheels	
Front:	
5,50 F x 18 for	7.50 x 18 tires
Rear:	
W 11 x 38 for	13.6/12 x 38 tires
W 14 L x 38 for	15.5 x 38 tires
W 15 L x 34 for	16.9/14 x 34 tires or 18.4/15 x 34 tires

Optional Tires	
Front:	
7.50 x 18, 6 PR	
Rear:	
13.6/12 x 38, 6 PR	R1 and R2
15.5 x 38, 6 PR	R1
16.9/14 x 30, 6 PR	R2
16.9/14 x 34, 6 PR	R1 and R2
18.4/15 x 34, 6 PR	R1 and R2
18.4/15 x 30, 6 PR	R1 and R2

16 + 8 transmission

16,9/14 - 34 tires



Four-wheel-drive version



INTERNATIONAL HARVESTER

INTERNATIONAL HARVESTER COMPANY M. B. H., NEUSS/RHINE, GERMANY

The Company's policy is one of continuous improvement and development therefore specifications are subject to change without notice. Illustrations may include optional equipment and accessories and may not include all standard equipment.