

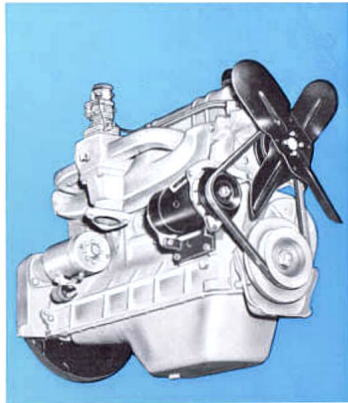


INTERNATIONAL TRUCKS MODEL AB-160 SERIES



More versatile than ever, the new AB-160 series includes 12½, 14½ & 16½ foot body sizes. The new Gold Diamond engine gives improved performance and economy with a choice of single reduction or two-speed electric shift rear axles.

**THE POWER
YOU WANT IS THE
POWER YOU GET
WITH INTERNATIONAL
ALL-TRUCK ENGINES**



POWERFUL AGD-264 ENGINE

A new Australian Gold Diamond engine, the AGD-264, is the power plant for the AB-160/162 medium-heavy-duty models. This engine has been designed and proved to deliver rugged power for economical operation with all types of loads. It is a six-cylinder valve-in-head type engine which develops 142 maximum brake horsepower at 3,800 r.p.m. and a maximum torque of 229 lb. ft. at 2,400 r.p.m. Compression ratio is 7.0 to 1. The AGD-264 incorporates the latest engineering advances and features a full-flow oil filter system, oil bath air cleaner of improved efficiency, an increased capacity water pump and sodium cooled exhaust valves for longer life. You can be sure of years of service as, from initial casting to completed engine, all components are of highest quality, tested and proved in every step of manufacture.

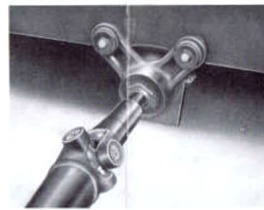
FULL-FLOW FILTER

The oil system is designed so that all the oil delivered to the engine must first pass through a filter. This system increases engine life as it prevents damaging abrasives and hard carbon particles from getting into the engine bearings.



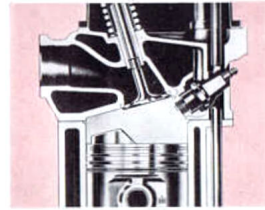
CENTRE BEARING

Silent-spin centre bearing supports the heavy-gauge steel-tube propeller shaft sections. Rubber-insulated mountings prevent whip and maintain alignment. Moisture-proof and dust-proof universal joints are of smooth-running needle-bearing type.



TILT VALVES

New combustion chambers are scientifically designed for ignition to take place near the centre of the gas mass. This keeps temperatures lower, and in turn reduces the possibility of pre-ignition and increases valve life.

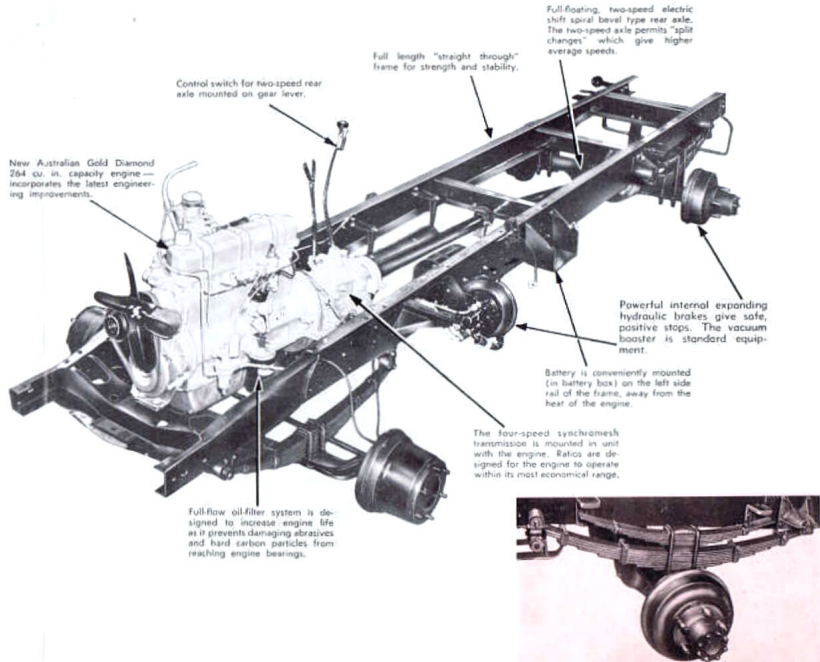
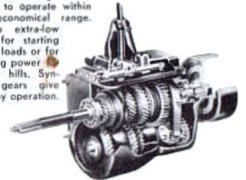


SPRINGS AB-160 (4 x 4)

Long, wide, semi-elliptical springing on all 4 x 4 models softens the worst off-highway jolts. Front springs are co-ordinated with steering geometry to increase stability and reduce shock. Auxiliary springs on the AB-160 4 x 4 models provide increased spring rate for heavy loads.

TRANSMISSION

The proved 4-speed transmission has ratios designed for the engine to operate within its most economical range. There's an extra-low first gear for starting with heavy loads or for extra pulling power on starting on hills. Synchronesh gears give smooth, easy operation.



New Australian Gold Diamond 264 cu. in. capacity engine — incorporates the latest engineering improvements.

Control switch for two-speed rear axle mounted on gear lever.

Full length "straight through" frame for strength and stability.

Full floating, two-speed electric shift spiral bevel type rear axle. The two-speed axle permits "split changes" which give higher average speeds.

Powerful internal expanding hydraulic brakes give safe, positive stops. The vacuum booster is standard equipment.

Battery is conveniently mounted (in battery box) on the left side rail of the frame, away from the heat of the engine.

The four-speed synchronesh transmission is mounted in unit with the engine. Ratios are designed for the engine to operate within its most economical range.

Full-flow oil filter system is designed to increase engine life as it prevents damaging abrasives and hard carbon particles from reaching engine bearings.



NEW CAB COMFORT

Right from opening the wide door and sitting behind the safety-steering wheel, you'll realise everything in this cab has been designed for your comfort, safety and convenience. There's the safe all-steel cab. You sit on new, non-sag vinyl seats. The quick-release hand-brake is within easy reach; suspended pedals require light pressure to operate and gear changing is a smooth, easy operation. The stylish, down-swept bonnet combined with wrap-around windscreen gives unexcelled visibility, while the self-parking dual wipers clear a large area of the Full-Vision windscreen when it's raining.





TRUCKS TO SUIT YOUR EVERY REQUIREMENT

The most striking feature of the new AB line is the design incorporated in the front-end sheet metal. The styling gives a low, pleasing silhouette, and diagonally set dual, sealed beam headlights reduce glare and give safer driving through increased visibility.

A new, long wheelbase truck (189 in.), specially designed to meet the requirements of container body and tray-top operators, is now available in both the AB-160 and AB-162 series trucks. Body sizes for this wheelbase are up to 16' 6" in length, with maximum widths. Two other alternative wheelbase lengths are also offered.

AB-160 series trucks offer the choice of two different rear axle types, each in three wheelbase lengths. The AB-160 models have a single speed rear axle, while the AB-162 has a two-speed rear axle with a capacity of 15,000 lb. which suits it to tough jobs and tight schedules. Also available is the AB-160 all-wheel-drive model for heavy hauling in and out of those almost inaccessible places.

All models feature a full-length, "straight through" frame, L-type reinforcement on long wheelbase models, and powerful, internal expanding hydraulic brakes. These features give maximum strength, stability and safety when carrying the heavy loads for which these trucks have been designed.



The AB-160 is an ideal unit for container body operations. With its heavy-duty front and rear axles this truck has been designed for heavy loads.

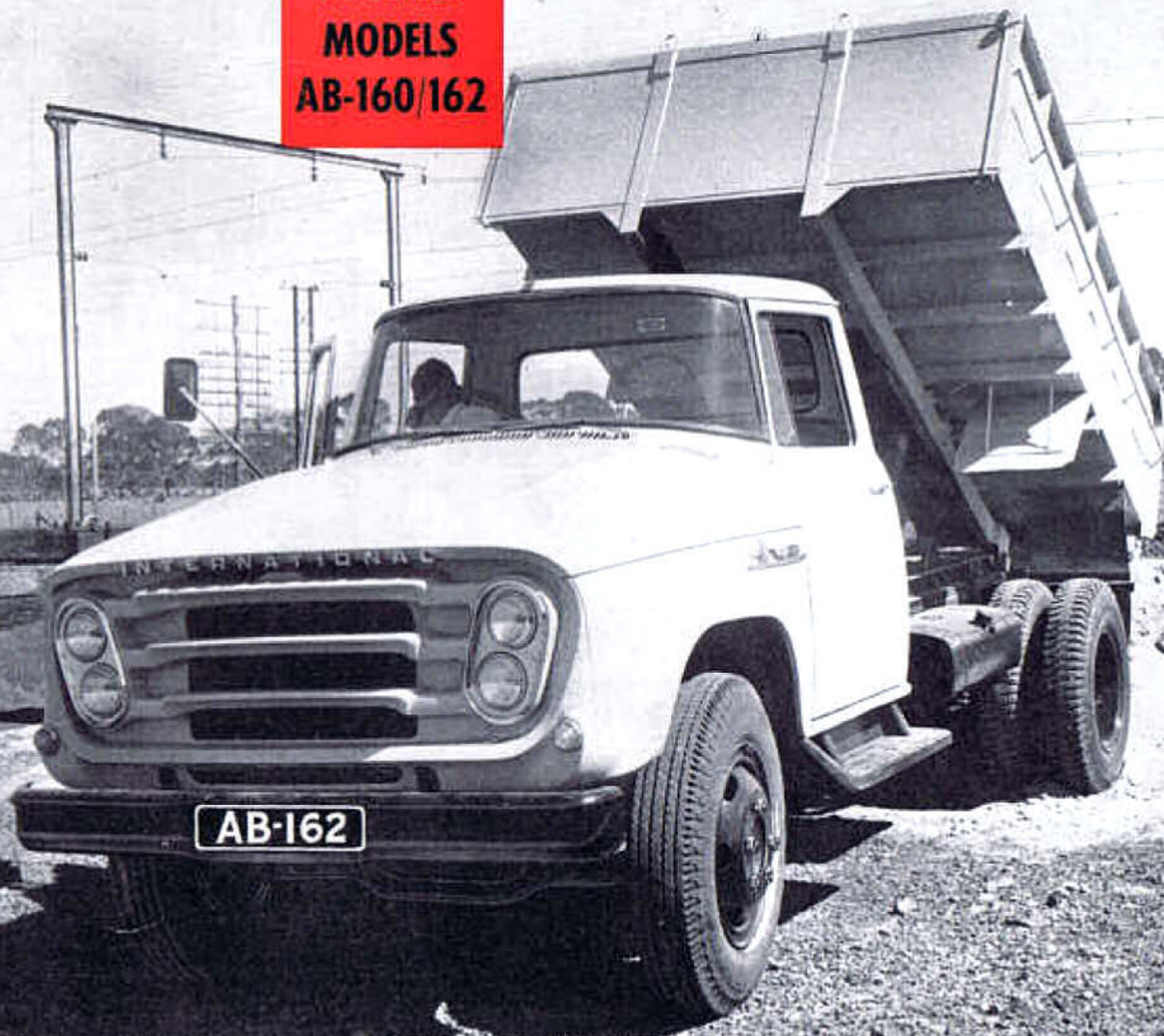
Specifications subject to change without notice, illustrations may include non-standard items.

INTERNATIONAL HARVESTER COMPANY OF AUSTRALIA PTY. LTD. * (INCORPORATED IN VICTORIA)
DISTRICT SALES OFFICES IN CAPITAL CITIES. WORKS DANDENONG, GEELONG AND PORT MELBOURNE, VICTORIA.



I INTERNATIONAL MOTOR TRUCKS

**AB SERIES
MODELS
AB-160/162**



More versatile than ever the new AB-160 series includes 12½, 14½ & 16½ foot body sizes. The new Gold Diamond engine gives improved performance and economy with a choice of single reduction or two-speed electric shift rear axles.

ESSENTIAL INFORMATION MODELS AB-160/162

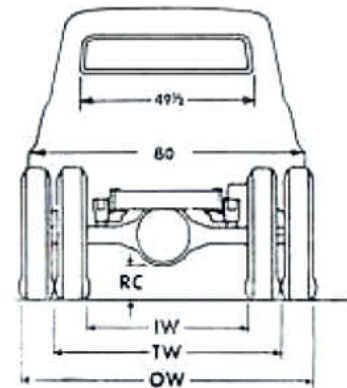
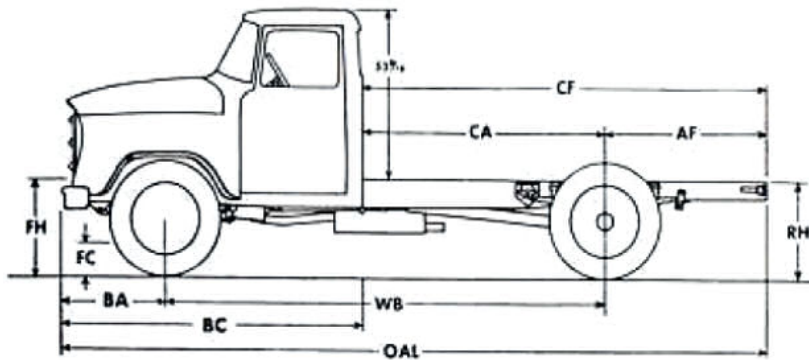
weight ratings

Wheelbase, inches	153	171	189
Gross vehicle weight, lb.	AB-160 19500	19500	19500
	AB-162 20500	20500	20500
Gross combination weight, lb.	AB-160 32000	32000	32000
	AB-162 34000	34000	34000
Payload, inc. body weight, lb.	AB-160 14021	14205	13659
	AB-162 14868	14813	14451
Cab and chassis weight, inc. oil, water, fuel & spare tyre, lb.:			
Front axle	AB-160 2969	2868	3150
Rear axle	AB-160 2310	2427	2691
Total	AB-160 5479	5295	5841
Front axle	AB-162 3049	3064	3245
Rear axle	AB-162 2583	2623	2804
Total	AB-162 5632	5687	6049
Axle capacities, lb.:			
Front		5500	5500
Rear	AB-160 14000	14000	14000
Rear	AB-162 15000	15000	15000

chassis dimensions, inches

Wheelbase	(WB)	153	171	189
Overall length inc. bumper	(OAL)	245 5/16	263 5/16	281 5/16
Back of cab to rear axle	(CA)	84	102	120
Rear axle to end of frame	(AF)	56	56	56
Frame length from back of cab	(CF)	140	158	176
Bumper to front axle	(BA)	36 5/16	36 5/16	36 5/16
Bumper to back of cab	(BC)	105 5/16	105 5/16	105 5/16
Height to top of chassis frame, 8.25-20 tyres:				
Front loaded	(FH)	30 5/16	30 5/16	30 5/16
Rear loaded	AB-160 (RH)	31 15/16	31 11/16	31 11/16
Rear loaded	AB-162 (RH)	31 5/8	31 5/16	31 5/16
Rear empty	(RH)	35 9/16	35 1/2	35 1/2

Road clearance, 8.25-20 tyres:			
Front axle	(FC)	11 3/16	11 3/16
Rear axle	AB-160 (RC)	10 3/8	10 3/8
Rear axle	AB-162 (RC)	9 3/4	9 3/4
Maximum width (external step)		86 1/2	86 1/2
Overall width (rear axle)	(OW)	86 3/8	86 3/8
Tread: Front wheels	(FW)	63 3/16	63 3/16
Rear wheels	(RW)	66 3/8	66 3/8
Inside width	(IW)	46 3/8	46 3/8
Turning radius, ft.:			
To centre line of tyre		25 1/2	28 1/2
With bumper clearance		27	29 3/4



standard specifications

FRAME: Pressed steel channel 9" x 3" x 1/4". Inverted 9 1/4" x 3 1/4" x 1/4" L-type reinforcement on 189" wb. models.

ENGINE: International AGD-264, six-cylinder valve-in-head type, 3 11/16" bore, 4 1/8" stroke, displacement 264.33 cu. in. Compression ratio 7.0 to 1. Horsepower—R.A.C. rating 32.6, max. brake 142 @ 3800 r.p.m. Max. torque 229 lb. ft. @ 2400 r.p.m. Four steel-back, precision, removable-shell main bearings with max. projected area of 16,502 sq. in. Sodium-cooled exhaust valves. Roto coil inlet and exhaust valves. Exhaust-valve inserts.

LUBRICATION: Full pressure to all main, connecting-rod and camshaft bearings. Full-flow oil-filter system with removable-cartridge. Crankcase capacity 9 pints (refill).

COOLING SYSTEM: Centrifugal pump, balanced circulation. V-belt driven. Fin-and-tube radiator. Large-capsule type thermostat. Capacity, entire system, 13.5 quarts.

ELECTRICAL SYSTEM: 12-volt. Vacuum-control, full automatic distributor. Battery 61 amp. hr. capacity, 30 amp. generator. Four sealed-beam headlights, parking lights located below headlights, incorporating flashing turn indicators.

FUEL SYSTEM: Horizontal diaphragm, camshaft-driven fuel-pump. Dual-throat downdraft carburettor. Oil bath air-cleaner. Fuel tank 17 1/2 gallon, located under cab skirt, right side.

CLUTCH: 11" diameter, single plate. Vibration damper. Lining area 108.5 sq. in.

TRANSMISSION: Synchromesh, mounted in unit with engine. Four speeds forward; ratios—6.398, 3.092, 1.686 and 1.00 to 1. One reverse speed; ratio—7.820 to 1. P.T.O. opening on right side. Lubricant capacity 5.7 pints.

PROPELLER SHAFT: Dynamically balanced, heavy-gauge steel-tubing. Needle-bearing, anti-friction universal joints.

AXLE, FRONT: Forged, heat-treated, drop-centred I-beam. Steering knuckles of drop-forged, heat-treated, nickel-chrome-molybdenum steel.

AXLE, REAR: AB-160: Full-floating, single reduction hypoid type. Hotchkiss drive, nickel-chrome-molybdenum steel axle shafts. Heat-treated, one-piece, tubular banjo-type steel housing. Pinion straddle-mounted on roller bearings. Ratio 6.667 to 1.

AXLE, REAR: AB-162: Full-floating, two-speed, electric-shift, spiral bevel type. Four pinion planetary-spur reduction gears (for low ratio). Hotchkiss drive. Chrome-molybdenum-steel axle shafts. Heat-treated, one-piece, tubular banjo-type steel housing. Pinion straddle-mounted. Ratios 6.33/8.81 to 1.

BRAKES, HAND: External contracting on propeller shaft. Lining area 57.16 sq. in.

BRAKES, SERVICE: Hydraulic—vacuum booster. Both primary and secondary shoes equally effective in either forward or reverse direction. Oil-bath vacuum-line air-cleaner. Total effective lining area 375.6 sq. in.

SPRINGS: Semi-elliptic. Front 46" x 2 1/4". Rear 54 1/2" x 3". Auxiliary 34" x 3".

STEERING: Semi-reversible cam and rollers mounted twin-lever gear. 18" diam. safety type steering wheel. Ratio 22 to 1.

WHEELS: 5-stud, disc-type.

TYRES: 8.25-20, 10 ply, duals rear.

CAB: Full width, padded seat and back cushions with vinyl-coated covering; seat adjustable 4". Safety glass windshield, windows and Silent-Vent window wings. Safety type door latches, right-door lock. Large externally mounted rectangular rear-vision mirror. Dual electric self-parking windshield wipers. Dual sun-visors. Ash-tray. Glove compartment. Vinyl-coated headliner. Heavy-duty insulated floor mat. Concealed upper steps.

STANDARD EQUIPMENT: Cab and chassis, front bumper, spare wheel, tool-kit and jack.

FINISH: Frame, wheels, bumper and external steps, black. Choice of six colours on fenders, hood and cab.

COLOURS: Granite grey, Goulburn green, Broome blue, Nullarbor beige, Harvester red, Harvester green.

OPTIONAL EQUIPMENT:

Frame:	Chrome front bumper.
Cab:	Cowl with windscreen and header-panel.
	Cowl with windscreen, header-panel and doors.
	Crew cab. Parcel shelf.
Tyres: AB-160:	7.50-20, 8-ply (16,000 lb. G.V.W.). 17" wheels and 7.50-17, 10-ply tyres (14,500 lb. G.V.W.).
AB-162:	8.25-20, 12-ply.

In order that product improvements may be introduced at any time, the right is reserved to change specifications without notice. Illustrations shown may include non-standard items.