

International

ACCO-series B single axle medium/heavy duty



a total truck designed to suit your needs



ACCO-B Medium Heavy-duty

Local or long distance haulage requires reliable and economical trucks to meet the demands of tight schedules and rising costs. International ACCO Series B medium/heavy duty single axle chassis are designed to perform economically and reliably in the 24.0 to 27.2 tonne gross combination mass range. Built to a tradition established in over 70 years of commercial vehicle design of manufacture, three models comprise the medium/heavy duty range. Each model playing its part in a business where matching specifications to applications can make the difference between profits and loss. Designed, engineered and manufactured to exacting specifications each International ACCO Series B medium/heavy duty truck has the backing of an Australia-wide International Dealer network. Each Dealer offering comprehensive service and parts facilities and, access for approved purchases, to finance facilities through International Credit Corporation.

When you buy an International medium/heavy duty truck you buy an essential package that becomes a necessary part of your successful road transport operation — a package that includes not only the truck but access to parts, service and finance facilities.

To allow close matching of specification to application we offer the astute operator three basic models in the medium/heavy duty single axle range.

ACCO-1910B powered by the 138 kW International V-8 petrol engine. Ten-speed Roadranger manual transmission/single speed rear axle OR five-speed Allison automatic transmission/single speed rear axle. Two standard, two optional* wheelbases.

ACCO-1950B powered by the International D-170 V-8 diesel engine. Ten-speed Roadranger manual transmission/single speed rear axle OR five-speed Allison automatic transmission/single



speed rear axle. Two standard, two optional* wheelbases.

ACCO-2150B powered by the 162 kW Cummins V-8 diesel engine. Ten OR thirteen speed manual transmission OR five-speed Allison automatic all with one standard, three optional* wheelbases.

* Available on special equipment order.

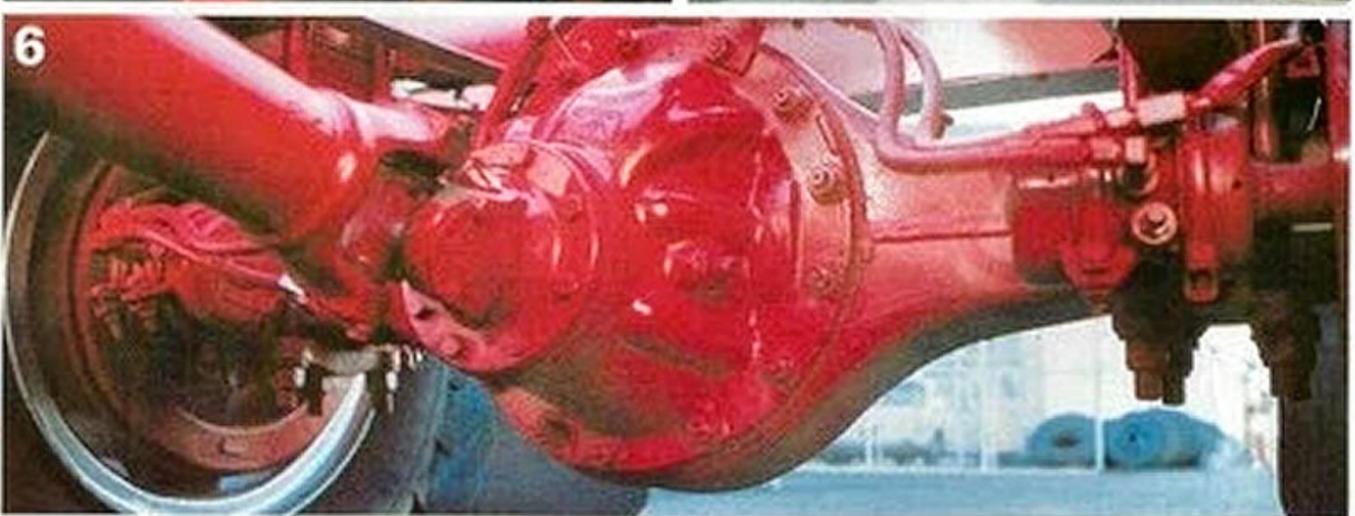
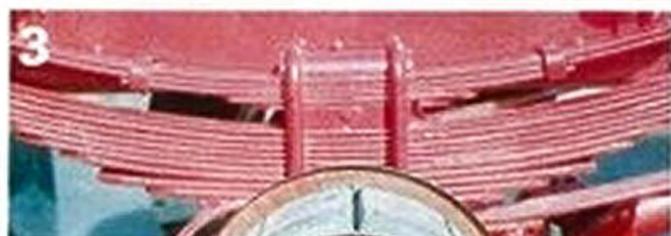
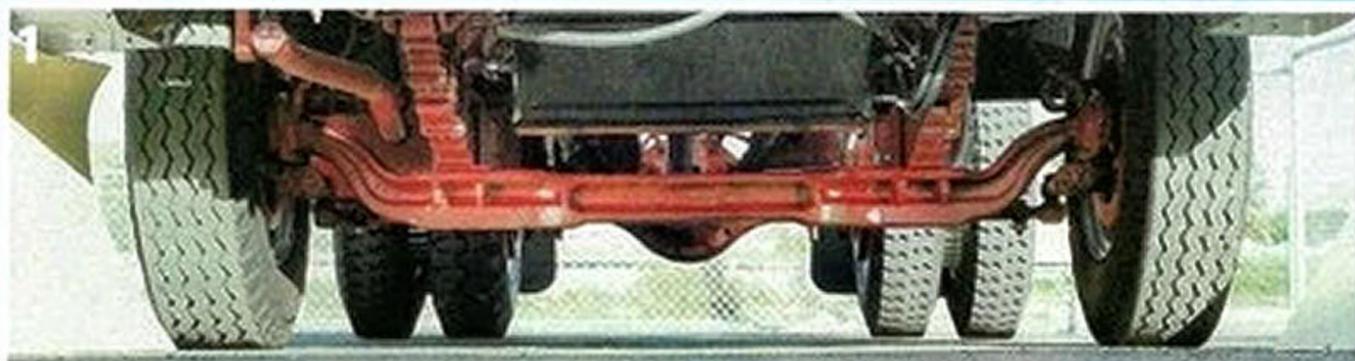
No matter what you carry in your operation you can be sure there's an International medium/heavy duty single axle ACCO-B chassis that can meet your specifications. The ACCO-Series B all steel tilt cab is common to all models and features: Easy access forward entry. All steel construction for strength and durability. Functional design for driver comfort and convenience.

The two easy steps into the ACCO Series B cab introduces you to comfort and practicability expected

by all drivers who spend long hours behind the wheel. Sitting in the Derby seat the driver feels the contouring that gives support where needed and can easily adjust the seat fore, aft or incline the backrest to suit his own driving position. From the comfort of his driving seat the driver is in command. Instruments fall easily and clearly to eye, controls to hand.

Because of the forward entry design there are no bulky engine humps to give that locked-in feeling, just one of spaciousness. Look around you'll see big non-slip pedals. Clear-reading instruments. Heavy duty floor mat with thick sound absorbing underlay. Dual full width padded sunvisors. Built-in cab ventilation system. Fully detailed door and roof trims. Individual ashtrays and arm rests. Flat distortion-free laminated glass windshield. Deepset back shelf for parcels. Big capacity lockable glovebox.

a place for everything and everything in its place



This is a professional truck, designed for professionals. Engine accessories, wiring, hydraulic lines, controls, all have been regarded as important elements of a total, integrated, detailed approach to design. You'll notice it, your mechanics will applaud it.

Designed to perform with strength and reliability under the most arduous road conditions, International medium/heavy duty single axle chassis allow you to select the combination of specifications best suited to your application — specifications like:—

1 Front axles

Big 5.45 tonne capacity, forged I-beam front axles. Wide tread for excellent stability. Generous wheel turn angle for good manoeuvrability. Standard power-assisted steering on all models.

2 Engines

The International ACCO-1910B is powered by the International V-392 V8 petrol engine. Its gross power output of 138 kW at 3400 RPM and gross torque of 418 Nm at 2600 RPM gives this model plenty of pull — on standard petrol — for the big loads and difficult roads. Oil cooler and dry element air cleaner with restriction indicator are standard.

The International D-170 V8 diesel powers the ACCO-1950B. The D-170 is rated at 127 kW at 3000 RPM with a gross torque of 460 Nm at 1600 RPM. Smooth combustion, good economy and excellent start-up and warm-up characteristics are features of this engine. Engine for the ACCO-2150B is the Cummins V-555 V8 diesel rated at 162 kW gross power at 3000 RPM, with a gross torque of 550 Nm at 1800 RPM. Economical operation, long life and reasonable mass for an engine of this size are provided by the V-555. Integral oil cooler, dry type air cleaner and "spin-on" corrosion resister are included.

3 Suspensions

Big, long 1.52 m x 75 mm outboard mounted front springs soak up the load and the road. Double acting telescopic shock absorbers cushion their movement. The rear suspension is just as effective.

1.17 m x 75 mm springs are variable rate type. The springs shorten as the load is applied, and become stiffer. This system automatically adjusts for loads to give excellent ride and stability characteristics with the vehicle loaded or unloaded.

4 Chassis

Sturdy, reinforced ladder-type high tensile chassis frames, tested under extreme conditions at the International Anglesea Proving Ground. Wheelbases to suit application. Heavy duty cross-members. Chassis options include extra wheelbase and fifth wheel mountings — These chassis are built to do the job you want.

5 Brakes

International medium/heavy duty single axle chassis are fitted with full air brakes, wedge type. The short stroke design makes them fast-acting and efficient through full lining to drum contact. Warning light and buzzer for low air pressure are fitted. Semi-trailer air connections with breakaway and hand control valves are standard on the ACCO-2150B, optional on other models.

6 Rear axles

10.43 tonne or 8.60 tonne capacity axles — dependent on tyres fitted, you make the choice. 8.60 tonne single speed for the ACCO-1910B and ACCO-1950B, 10.43 tonne single speed on the ACCO-2150B. Ratios offered ensure you keep to schedule especially when combined with the standard transmission combinations available. Ten-speed Roadranger transmissions/single-speed rear axle on all models. Five-speed Allison MT-650 automatic transmission optional on all models (with mandatory specification combinations). This transmission is ideally suited to applications involving heavy gear-changing such as in dense traffic, hilly country, logging, short hauls.

Thirteen-speed Roadranger transmission, optional for International ACCO-2150B. Reliable mechanical control clutches on all manual transmission models.

easy access walk-up servicing

To ensure downtime in the workshop is maintained at a minimum ACCO Series B chassis feature walk-up servicing and modular maintenance.

For walk-up servicing pull two release pins within the cab, push up on the mudguard, secure the safety catch. By removing a few bolts you can remove the complete unit. With the cab at normal tilt it is possible to reach the engine with ease.

Standby module saves downtime

When the time comes for an engine/gearbox overhaul your mechanic can remove the unit, complete — radiator, engine, clutch, gearbox and appropriate connections. If you have a standby module, or one that's been rebuilt to factory standards, from your International truck sales centre or International Dealer it's possible to have your ACCO Series B back on the road within hours. The overhauled unit can be test run on the bench before installing the module — this lets your mechanics know everything is OK before installing it.

That's the International module maintenance system — Tilt the cab, complete engine module removal, change over engine module — the system that keeps your International ACCO Series B on the road where it's earning money for you.

Reliability is the key factor to efficient long term performance. The International Harvester Truck Reliability Group is constantly monitoring International truck components to reduce downtime. Engines, clutches, transmissions, axles, suspensions and chassis, combined in the ACCO Series B single axle medium/heavy duty trucks add up to a package designed to operate efficiently, economically and reliably to specification matched job applications.

Prior to manufacture International engineers subject International trucks to rigorous testing at the International Proving Grounds at Anglesea, Victoria. Able to simulate conditions likely to be encountered

on most of Australia's roads, the vehicles are twisted, strained and generally tortured beyond normal operating requirements.

The vehicles are modified if necessary until the engineers are satisfied that the vehicles are capable of performing up to design limits.

Testing doesn't stop at the chassis. Cab structural durability was tested over the equivalent of 800,000 km. Using specially recorded data obtained by running trucks over various test courses at the International Anglesea Proving Ground a cab shaker test was undertaken. Programmed to duplicate the effects of those courses on the standard ACCO cab, an accelerated test and measurement of cab strength was provided. The cab was four point mounted on electro-hydraulic vibrators and test run on the basis of a frequency sweep covering roll, pitch and vertical modes of cab vibration.

In anticipation of Australian legislation, similar to European ECE29 and Swedish cab tests, and interest in truck safety generally caused IH engineers to test the ACCO cab. Following the European test methods but including the more severe sections of the Swedish test the cab was tested for roof strength, rear wall strength and front impact. International engineers decided to use the same cab for the three tests to further confirm the strength of the ACCO cab. On completion not only was there virtually no reduction of cab interior space but the doors had not burst open and both doors were fully operable. Test loads were all above the minimum requirements confirming the engineers' thoughts that here was a cab that affords the truck operator structural strength and maximum protection under severe accident conditions.

The clean sweeping lines of the ACCO-B cab are protected by the International Electro-Phoretic Deposition Undercoating and Acryli-armour acrylic enamel top coating.

Prior to this a six stage cleaning process prepares the cab for the EPD undercoat which is applied in much the same way as metal is chrome-plated. The cab is totally submerged in a bath of paint which penetrates everywhere — inside box sections, pre-drilled holes, everywhere. Then it's baked to offer high resistance to rust, corrosion and chipping. Tough, durable Acryli-armour is then sprayed evenly over this barrier. When this coating is baked it too becomes highly chip-resistant with a long-lasting polish. Six brilliant exterior paint colours are available, colours inspired by the Australian landscape. Mt. Isa Gold, Kosciusko White, Mt. Newman Red, Forest Beige, Rum Jungle Green, Narrandera Red.



back-up service a priority

Wherever you travel throughout Australia you are never far from an International Harvester Motor Truck Dealer.

Conveniently located throughout each state all of these privately owned and operated dealerships offer specialized advice, parts and service back-up to look after your International ACCO Series B trucks. They also have available the finance facilities of IHCC.

With today's specialized transport industry requirements the need for vehicles specified to individual applications is becoming more important. International Harvester Dealers have the knowledge and expertise to assist you in your correct choice of International ACCO Series B Medium/Heavy duty single axle truck or any other vehicle within the International range.

Parts and service back-up are as important to International as they are to the operator. Our computerised parts system together with factory trained service mechanics at conveniently located dealerships ensures down time is kept to a minimum no matter where you are.

Contact your local International Dealer now and find out why International are the trucks designed for your kind of operation.



In order that product improvements may be introduced at any time, specifications are subject to change without notice. Illustrations may include optional equipment and accessories and may not include all standard equipment. Colours of trucks are not necessarily standard. Metric and Imperial quantities shown are equivalent within the implied accuracy.

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FINANCE

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