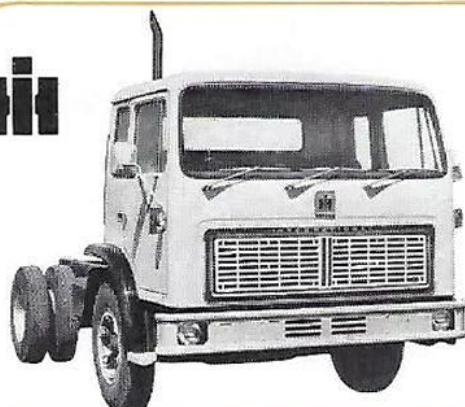




International ACCO-B Series

1730: 4x2

RATINGS GROSS VEHICLE MASS (GVM) GROSS COMBINATION MASS (GCM) — tonne (lb.)

GVM:	STANDARD GVM 11.00 (24 250)	GVM 11.00 (24 250)	GVM 10.80 (23 800)	GVM 10.10 (22 260)	GVM 11.15 (24 580)
FRONT AXLE	AFA-98 3.65 (8 000)	AFA-98 3.65 (8 000)	AFA-98 3.65 (8 000)	AFA-98 3.65 (8 000)	AFA-98 3.65 (8 000)
Suspension	Std. 3.65 (8 000)	Std. 3.65 (8 000)	Std. 3.65 (8 000)	Std. 3.65 (8 000)	Std. 3.65 (8 000)
Tyres	9.00 x 20 4.18 10 ply (9 200)	9.00 x 20 4.18 10 ply (9 200)	8.25 x 20 4.10 12 ply (9 050)	8.25 x 20 3.67 10 ply (8 100)	9.00 x 20 4.65 12 ply (10 250)
Rating	3.65 (8 000)	3.65 (8 000)	3.65 (8 000)	3.65 (8 000)	3.65 (8 000)
REAR AXLE	RA-141 7.50 (16 500)	RA-66 7.50 (16 500)	RA-66/141 7.50 (16 500)	RA-66/141 7.50 (16 500)	RA-66/141 7.50 (16 500)
Suspension	Std. 8.40 (18 500)	Std. 8.40 (18 500)	Std. 8.40 (18 500)	Std. 8.40 (18 500)	Std. 8.40 (18 500)
Tyres	9.00 x 20 7.35 10 ply (16 200)	9.00 x 20 7.35 10 ply (16 200)	8.25 x 20 7.15 12 ply (15 750)	8.25 x 20 6.45 10 ply (14 200)	9.00 x 20 8.20 12 ply (18 100)
Rating	7.35 (16 200)	7.35 (16 200)	7.15 (15 750)	6.45 (14 200)	7.50 (16 500)

GCM:

Standard 17.50 (38 500)
varied by
Transmission T-253 19.30 (42 500)

STANDARD EQUIPMENT

AXLE, FRONT

AFA-98, wide track, 3.65 t (8 000 lb.) capacity.
Forged steel I-beam.

AXLE, REAR

RA-141, 7.50 t (16 500 lb.) capacity, two-speed.
Full floating, hardened axle shafts.
Ratio: 5.41/7.44:1

BRAKES, PARKING

Internal expanding shoe on driveline, 254 x 76 mm (10 x 3 in.) DCM.
Total lining area: 446 cm² (69.1 sq. in.).

BRAKES, SERVICE

Air over hydraulic, self-adjusting, dual operation with warning light and buzzer.
Dual cylinder, single piston front.
Dual cylinder, double piston rear.
0.21 m³/min (7 1/4 cu. ft.) air compressor.
Size: 381 x 76 mm (15 x 3 in.) front, 381 x 127 mm (15 x 5 in.) rear.
Total lining area: 3 329 cm² (516 sq. in.).

CAB

2.18 m (86 in.) width all steel with safety glass windows, laminated windscreen.
Manual tilt.
Door lock on both doors.
Individual driver's seat adjustable fore and aft, with adjustable angle backrest.
Arm rests on doors.
Single passenger seat.
Seat belts (for driver and passenger).
Triple electric two-speed windshield wipers.
Windshield washers.
Dual external rear vision mirrors.

Sun visor (driver's side); ashtrays.
Rubber floor mats with sound-deadening insulation.
Two-door courtesy switch controlled internal light.
Fresh air heater-demister with two speed fan.
Fresh air circulation incl. windshield.
Lockable glove-box.
Individual instruments comprising: fuel level, air pressure, water temperature gauges, speedometer, odometer and tachometer.
Warning lights for low oil pressure, brake fail, alternator.

CLUTCH

Mechanical control.
330 mm (13 in.) 15 spring, single plate.
Lining area: 1 174 cm² (182 sq. in.).

ELECTRICAL SYSTEM

12 volt.
Circular sealed beam 75/50 watt headlights with front parking lights.
Front directional signals with cab clearance lamps. Reversing lights.
Dual tail/stop/turning signal lamps.
Front and rear flashing hazard lights.
Fuse panel to protect circuits.
122 amp. hr. capacity batteries, negative earth. 35 amp. alternator.

ENGINE

International D358 six cylinder diesel.
Gross power: 109 kW (146 BHP) at 3 000 RPM.
Gross torque: 386 Nm (285 lb./ft.) at 1 600 RPM.
5.87 litre (358 cu. in.) displacement; 16:1 compression ratio.

Full flow oil filter and oil cooler.
Dry element air cleaner with restriction indicator.
Horizontal muffler and vertical tailpipe.
RAC horsepower rating: 36.0.

FINISH

Electro-phoretic deposited undercoat with acrylic enamel finishing coat.
Interior colour scheme: Grampian Brown.
Cab: Choice of Mt. Newman Red, Mt. Isa Gold, Forrest Beige, Kosciusko White, Rum Jungle Green, Narrandera Red, Chassis and Wheels: Black.
Bumper: Silver Metallic.

FRAME

Pressed steel channel 229 x 76 x 6 mm (9 x 3 x 1/4 in.).
Section modulus: 151 cm³ (9.23 cu. in.).
L-shape reinforcement, 216 x 83 x 6 mm (8 1/2 x 3 1/4 x 1/4 in.).
Section modulus: 126 cm³ (7.66 cu. in.).
Formed channel front bumper.
Side-mounted tyre carrier.
Wheelbases: 3.43, 4.04, 4.34 m (135, 159, 171 in.).

FUEL SYSTEM

159 litre (35 gal.) capacity tank, right side.
Mechanical fuel pump.
Paper element fuel filter.

STEERING

S-63 Steering gear.
508 mm (20 in.) diameter four spoke dished steering wheel, column-mounted self-cancelling turn indicator and hazard light switch.

SUSPENSION

Semi-elliptical leaf springs.
 Front: 1.52 m x 75 mm (60 x 3 in.).
 Rear: 1.17 m x 75 mm (46 x 3 in.) variable rate, capacity tailored to axle load.
 Double acting hydraulic shock absorbers front.

TRANSMISSION

T-425 4 speed direct.
 Ratios: 6.69, 3.34, 1.66, 1.00; reverse 5.96:1.

UNIVERSAL JOINTS

Spicer 1480 needle roller bearing.

WHEELS AND TYRES

Single front and dual rear.
 Cast spoke, 7.00 T rims.
 9.00 x 20 10-ply tyres.
 Spare rim.

OPTIONAL EQUIPMENT**AXLE, REAR**

RA-66, 7 500 kg (16 500 lb.) capacity, single reduction, with unreinforced frame.
 Ratio: 5.29:1.

CAB

Back-panel and rear shelf-lining.
 Bench type passengers' seat.
 Sun visor (passengers' side).

ENGINE

Vertical air-intake stack.
 Perkins 6-3542, six cylinder diesel
 Gross power: 87 kW (117 BHP) at 2800 RPM.
 Gross torque: 343 Nm (253 lb. ft.) at 1300 RPM.
 5.8 litre (354 cu. in.) displacement, 16.1:1 compression ratio.
 Full flow oil filter, oil cooler.
 Dry element air cleaner with restriction indicator.
 RAC horsepower rating 36.0.
 Vertical tailpipe.

FRAME

L-shape reinforcement for unreinforced frames.
 Rear mounted tyre carrier 4.04 m (159 in.), 4.34 m (171 in.) WB only, with side

mounted carrier deleted.

N.B.: All trucks used for arduous rigid operations such as tipper applications must be equipped with frame reinforcement.

TRANSMISSION

T-253 5 speed direct synchromesh.
 Ratios: 6.92, 3.98, 2.38, 1.47, 1.00; reverse: 6.81:1 with parking brakes
 305 x 102 mm (12 x 4 in.) DCM.
 Total lining area 710 cm² (110 sq. in.).

WHEELS AND TYRES

8.25 x 20 - 10 ply tyres.
 8.25 x 20 - 12 ply tyres.
 9.00 x 20 - 12 ply tyres.

SPECIAL EQUIPMENT**FRAME**

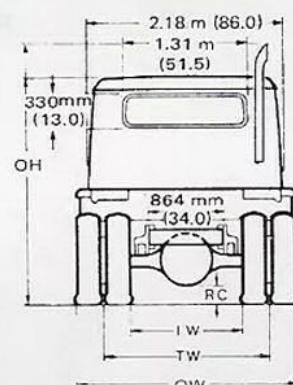
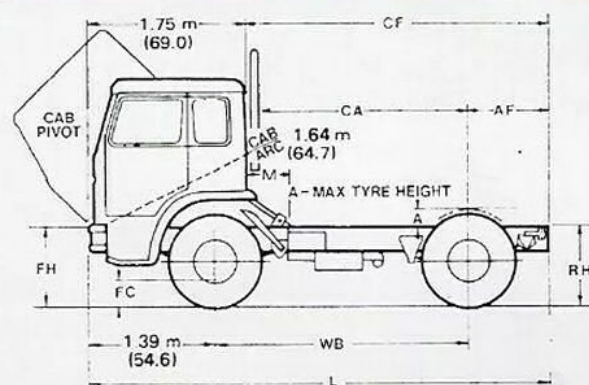
Chrome front bumper.
 Fifth wheel mounting.

SUSPENSION

Auxiliary rear springs.

dimensions & mass

ACCO-1730 B



Dimensions, with 8.25 x 20 tyres m (in.)

FH (Frame height) — front axle: 861 mm (33.4)	OW (Overall width) — front fenders: 2.44 (96.0) rear axle: 2.31 (90.9)	IW (Inside width) — rear wheels: 1.24 (48.9)
RH (Frame height) — rear axle: 963 mm (37.4) empty: 861 mm (33.9) loaded: 861 mm (33.9)	OH (Overall height) — to top of exhaust: 3.06 (120.4) to top of cab: 2.46 (96.4)	A (Max. tyre height) — with 8.25 x 20 tyres: 203 mm (8.0)
FC (Ground clearance) — front axle: 282 mm (11.1)	TW (Tread width) — front axle: 2.05 (80.8) rear axle: 1.78 (69.9)	M (Minimum clearance necessary between back of cab and body at 178 mm (7.0) above side rail): 203 mm (8.0)
RC (Ground clearance) — rear axle: 216 mm (8.5)		

Chassis Dimensions m (in.)

Turning circle m (ft.)

Chassis mass t (lb.) ‡

WB	CA	AF	CF	L	To outer edge of tyre track	Front	Rear	Total
3.43 (135)	3.06 (120.6)	1.27 (50.0)	4.33 (170.6)	6.09 (239.6)	15.2 (50)	2.62 (5 770)	1.10 (2 430)	3.72 (8 200)
4.04 (159)	3.67 (144.6)	1.58 (62.0)	5.25 (206.6)	7.00 (275.6)	17.3 (57)	2.61 (5 750)	1.16 (2 560)	3.77 (8 310)
4.34 (171)	3.98 (156.6)	1.58 (62.0)	5.55 (218.6)	7.31 (287.6)	18.6 (61)	2.60 (5 740)	1.19 (2 620)	3.79 (8 360)

‡ Wet weight

In order that product improvements may be introduced at any time, specifications are subject to change without notice.

Illustrations may include optional equipment. Metric and Imperial quantities shown are equivalent within the implied accuracy.

International Trucks

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A-109-F (Dec., 1977)

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