



International ACCO-B Series

F 1930: 6x4

RATINGS

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

GVM:	STANDARD GVM 20.87 (46 000)	GVM 19.30 (42 550)	GVM 20.07 (44 250)	GVM 20.40 (45 000)	GCM:
FRONT AXLE	FA-215 5.45 (12 000)	FA-215 5.45 (12 000)	FA-215 5.45 (12 000)	FA-215 5.45 (12 000)	Standard 20.90 (46 100)
Suspension	Std. 5.45 (12 000)	Std. 5.45 (12 000)	Std. 5.45 (12 000)	Std. 5.45 (12 000)	
Tyres	10.00 x 20 5.50 14-ply (12 120)	9.00 x 20 4.65 12-ply (10 250)	9.00 x 20 4.65 12-ply (10 250)	10.00 x 20 4.93 12-ply (10 850)	
Rating	5.45 (12 000)	4.65 (10 250)	4.65 (10 250)	4.93 (10 850)	
REAR AXLE	RA-328 15.42 (34 000)	RA-328 15.42 (34 000)	RA-328 15.42 (34 000)	RA-328 15.42 (34 000)	
Suspension	Std. 15.42 (34 000)	Std. 15.42 (34 000)	Std. 15.42 (34 000)	Std. 15.42 (34 000)	
Tyres	10.00 x 20 17.30 12-ply (38 150)	9.00 x 20 14.70 10-ply (32 400)	9.00 x 20 16.40 12-ply (36 150)	10.00 x 20 17.30 12-ply (38 150)	
Rating	15.42 (34 000)	14.70 (32 400)	15.42 (34 000)	15.42 (34 000)	

STANDARD EQUIPMENT

AXLE, FRONT

FA-215, 5.45 t (12 000 lb.) capacity.
Forged steel I-beam.

AXLE, REAR

RA-328, 15.42 t (34 000 lb.) capacity, single
reduction.

Ratio: 7.20:1.

BRAKES, PARKING

Spring actuated piggy back on rear axles.
Total lining area: 5 678 cm² (880 sq. in.)
with 11 800 cm³ (720 cu. in.) reservoir for
emergency release

BRAKES, SERVICE

Air-operated with 0.34 cm³ (12 cu. ft.)
compressor, with low air pressure
warning light and buzzer.

Size: 381 x 89 mm (15 x 3 1/2 in.) front;
381 x 178 mm (15 x 7 in.) air dual (fail
safe) rear.

Total lining area: 7 033 cm² (1 090 sq. in.),
39 670 cm³ (2 421 cu. in.) air reservoir.

CAB

2.18 m (86 in.) width all steel with safety
glass windows, laminated windscreen.
Manual tilt.

Door lock on both doors.

Derby 5000 fully adjustable driver's seat.

Adjustable fore and aft with height and
inclination adjustment. Weight and
suspension adjustments are controlled by
springs and hydraulic shock absorber.

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.

Arm rests on doors.

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.

Power divider lock indicator light.

CLUTCH

Mechanical control.
330 mm (13 in.), 6 springs.
Lining area: 1 180 cm² (183 sq. in.).

ELECTRICAL SYSTEM

12 volt with 55 amp alternator.
Circular sealed beam 75/50 watt head-
lights 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
to earth.

ENGINE

International D358 six cylinder diesel.
Max. gross power: 100 kW at 3 000 RPM.
Max. gross torque: 358 Nm at 1 600 RPM.
5.87 litre displacement; 16:1 compression
ratio.
Full-flow oil filter and oil cooler.
Dry element air cleaner with vertical air-
intake stack and restriction indicator.
RAC horsepower rating: 36.0.
Horizontal muffler with vertical tailpipe.

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: Red.
Bumper: Silver Metallic.

FRAME

Pressed steel channel 229 x 76 x 6 mm
(9 x 3 x 1/4 in.).
Wrap around channel shaped reinforcement
241 x 83 x 6 mm (9 1/2 x 3 1/4 x 1/4 in.).
Combined section modulus 315 cm³,
(19.25 cu. in.).
Formed channel front bumper.
Wheelbases: 3.84 m (151 in.), 4.65 m
(183 in.).

FUEL SYSTEM

227 litre (50 gal.) capacity tank, right side.
Mechanical fuel pump.
Paper-element fuel filter.

STEERING

S-295 steering gear, power assisted.
508 mm (20 in.) diameter four spoke
dished steering wheel, column-mounted
self-cancelling turn indicator and hazard
light switch.

SUSPENSION, FRONT

Semi-elliptical leaf springs.
Front: 1.52 m x 75 mm (60 x 3 in.).
Telescopic shock absorbers.

SUSPENSION, REAR

Hendrickson RTE 340.
Walking beam suspension, 1.27 m (50 in.)
steel beams with 50/50 load distribution.
Torque arms with rubber bushings.
Extended steel leaf springs.

TRANSMISSION

T-422 (RT-613) twin-countershaft Road-
ranger, 13 speed direct constant mesh,
with countershaft brake.
Ratios: 18.00, 14.04, 10.96, 8.64, 6.74, 5.26,
4.09, 3.29, 2.62, 2.05, 1.60, 1.24, 1.00;
reverse 19.00, 9.12, 2.77:1.

UNIVERSAL JOINTS

Spicer 1600/1550 needle roller bearings.

WHEELS AND TYRES

Single front and dual rear.
Cast spoke 7.50 V rims.
10.00 x 20-14 ply tyres. Front.
10.00 x 20-12 ply tyres. Rear.
Spare rim.

OPTIONAL EQUIPMENT**AXLE, REAR**

RA-328. Ratio 6.38.
(Not available with 20.87t GVM).

BRAKES, TRAILER

Semi-trailer air connections with breakaway and hand control valves.

CAB

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

FRAME

Rear mounted tyre carrier.

FUEL SYSTEM

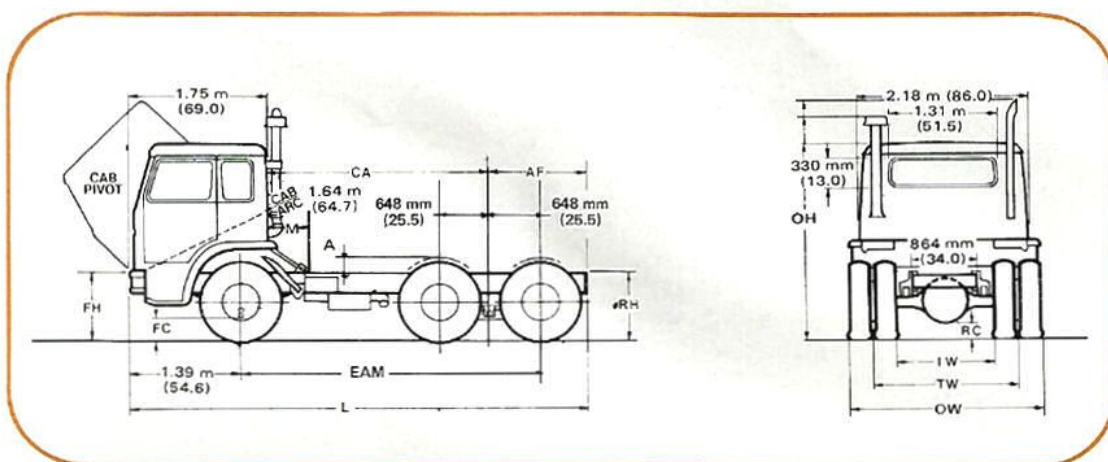
Dual tanks, 227 litre (50 gal.) (left and right).

TRANSMISSION

T-448 (RT-610) twin-countershaft Road-ranger, 10-speed direct constant mesh, with countershaft brake.
Ratios: 9.00, 7.02, 5.48, 4.26, 3.43, 2.62, 2.05, 1.60, 1.24, 1.00; reverse 9.50, 2.77:1.

WHEELS AND TYRES

9.00 x 20-12 ply tyres, all round, with 7.00 T rims.
9.00 x 20-12 ply tyres — front.
9.00 x 20-10 ply tyres — rear.
With 7.00 T rims.
10.00 x 20-12ply tyres — all round.

**ACCO F - 1930B****Dimensions, with 9.00 x 20 tyres m (in.)**

FH (Frame height) — front axle:	905 mm (35.6)	RC (Ground clearance) — rear axle:	231 mm (9.1)	IW (Inside width) — rear wheels:	1.51 (59.5)
		OW (Overall width) — front fenders:	2.44 (96.0)		
RH (Frame height) — rear bogie:	988 mm (38.9) empty: 930 mm (36.6) loaded:	OH (Overall height) — to top of exhaust:	3.12 (122.8)	A (Max. tyre height) — with 9.00 x 20 tyres:	178 mm (7.00)
			to top of cab: 2.51 (98.8)		
FC (Ground clearance) — front axle:	312 mm (12.3)	TW (Tread width) — front axle:	2.05 (80.6)	M (Minimum clearance necessary between back of cab and body at 178 mm (7.0) above side rail) —	330 mm (130)
			rear axle: 1.80 (71.0)		

Chassis Dimensions m (in.)**Turning Circle m (ft.)****Chassis mass t (lb.)‡**

NOMINAL WHEELBASE	CA	AF	EAM	L	To outer edge of tyre track	Front	Rear	Total
3.84 (151)	3.50 (137.9)	2.25 (88.7)	4.52 (177.8)	7.51 (295.6)	15.6 (51.1)	3.05 (6 720)	2.85 (6 280)	5.90 (13 010)
4.65 (183)	4.32 (169.9)	2.56 (100.7)	5.33 (209.8)	8.63 (339.6)	18.8 (61.7)	3.06 (6 750)	2.79 (6 150)	5.85 (12 900)

‡ Wet weight**IMPORTANT**

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