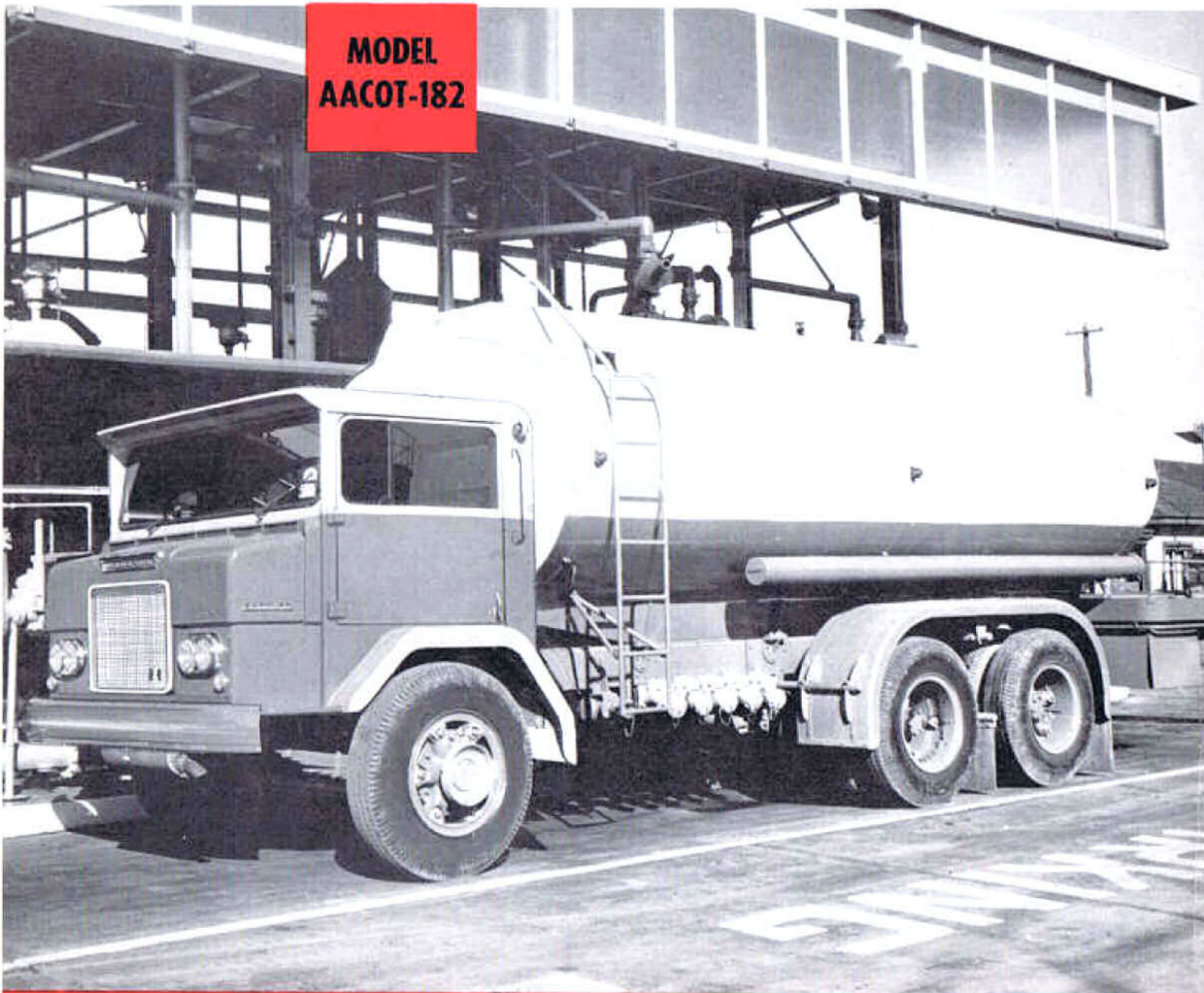


# INTERNATIONAL MOTOR TRUCKS

**MODEL  
AACOT-182**



For tanker work, the AACOT-182 petrol powered unit fitted with Tandem Trac does an outstanding job. Better cab comfort for the operator, with the lower silhouette cab, one-piece windscreen and power-assisted steering makes driving a pleasure. West coast mirror provides extra safety on a long vehicle.



# ESSENTIAL INFORMATION MODEL AACOT-182

## weight ratings

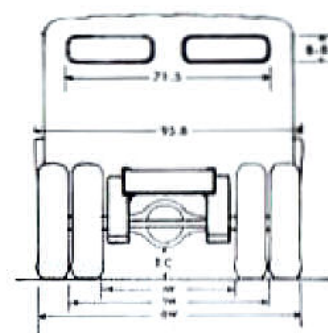
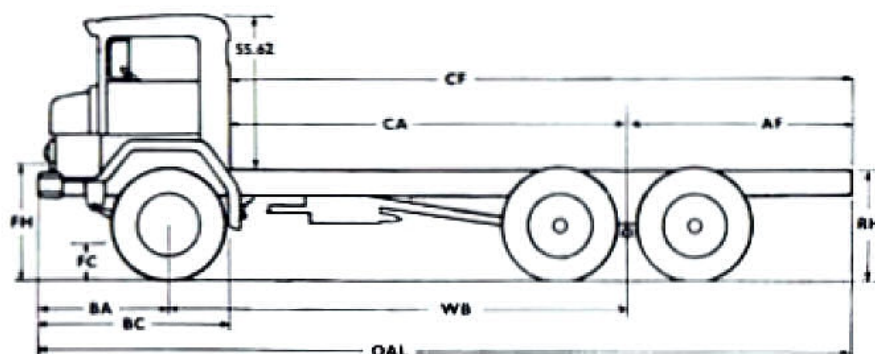
Wheelbase, inches	142	166	190
Gross vehicle weight, lb.	37,000	37,000	37,000
Gross combination weight, lb.	43,500	43,500	43,500
Payload, inc. body weight (truck with cab), lb.	27,872	27,704	27,452
Cab and chassis weight, inc. oil, water, 2 gall. fuel and spare tyre, lb.:			
Front axle	4,242	4,368	4,424
Rear axle	4,886	4,928	5,124
Total	9,128	9,296	9,548

Axle capacities, lb.:			
Front	9,250	9,250	9,250
Rear	32,000	32,000	32,000

## chassis dimensions, inches

Wheelbase	(WB)	142	166	190
Overall length, including bumper	(OAL)	273.3	309.3	345.3
Back of cab to rear axle	(CA)	119.8	143.8	167.8
Rear axle to end of frame	(AF)	84.2	96.2	108.2
Frame length from back of cab	(CF)	20.4	24.0	27.6
Bumper to front axle	(BA)	47.4	47.4	47.4
Bumper to back of cab	(BC)	69.3	69.3	69.3
Height to top of chassis frame:				
Front loaded	(FH)	33.5	33.5	33.5
Rear loaded	(RH)	36	36	36
Rear empty	(RH)	36	38	38

Road clearance:				
Front axle	(FC)	12.1	12.1	12.1
Rear axle	(RC)	9.8	9.8	9.8
Maximum overall width (rear axle)	(OW)	92.1	92.1	92.1
Tread:				
Front wheels	(TW)	78.1	78.1	78.1
Rear wheels	(TW)	70	70	70
Inside width	(IW)	47.9	47.9	47.9
Turning radius, ft.:				
To centre line of tyre		25	28	31 1/2
With bumper clearance		27	30	33 1/2



## standard specifications

**FRAME:** Pressed, steel channel, 9" x 3" x 1/4". Inverted L-type reinforcement. 9 1/4" x 3 1/4" x 1/4".

**ENGINE:** International AGD-282, six-cylinder valve-in-head type, 3 13/16" bore, 4 1/8" stroke, displacement 282.546 cu. in. Compression ratio 6.8 to 1. Horsepower—R.A.C. rating: 34.8, max. brake 148 @ 3,800 r.p.m. Max. torque 243.5 lb. ft. @ 1,800 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 14.3 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. Downdraft carburettor. Oil bath air-cleaner. Fuel tank 25 1/2 gallons, located outside frame, right side.

**CLUTCH:** 12" diameter, with roller-type fingers. Vibration damper. Lining area 149.23 sq. in.

**TRANSMISSION:** Synchromesh. Five speeds forward; ratios—7.17, 3.96, 2.36, 1.41 and 1.00 to 1. One reverse speed; ratio—7.62 to 1. P.T.O. openings on right and left sides. Lubricant capacity 10 pints.

**PROPELLER SHAFT:** Dynamically balanced, heavy-gauge steel tubing. Needle-bearing, anti-friction, universal joints. Centre bearing—self-aligning silent-spin type.

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

**AXLE, TANDEM REAR:** Tandemtrac with front axle drive. Driving axle—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 overhung; ratios 6.50/9.04 to 1.

**BRAKES, HAND:** Internal expanding drum type on propeller shaft. Lining area of 111 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 784.6 sq. in.

**SPRINGS:** Semi-elliptic. Front 54" x 3" (two stage).

**SHOCK ABSORBERS:** Double-acting telescopic (front only).

**STEERING:** Semi-reversible cam and roller mounted twin-lever gear. 20" diameter safety-type steering wheel. Ratio—24.1 to 1. Power assisted steering.

**WHEELS:** Cast spoke.

**TYRES:** 9.00-20 12-ply (front). 9.00-20 10-ply (duals rear).

**CAB:** Two vinyl-coated bucket seats with seat cushions and foam-rubber padded backrest. Driver's seat adjustable 3". One-piece safety glass windshield, windows and Silent-Vent window wings, safety-type door latches, left-door lock. Large externally-mounted rectangular "West Coast" rear-vision mirror, dual electric self-parking windshield wipers, dual sun-visors, ash-tray, heavy-duty floor mat and chrome hand rail.

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

**FINISH:** Frame, wheels, bumper—black. Choice of six colours on cab.

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

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.