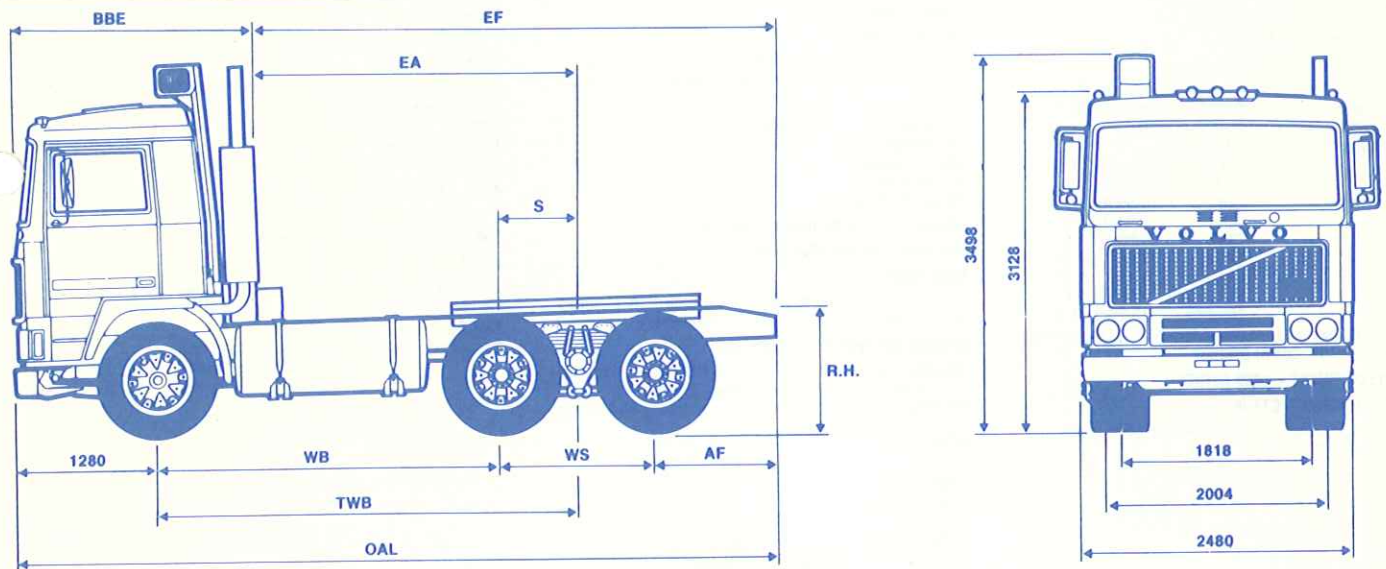


RATINGS:

FRONT AXLE:	6500 KG (TECHNICALLY PERMITTED)
REAR AXLE:	18000 KG (TECHNICALLY PERMITTED)
GROSS VEHICLE MASS (GVM):	23060 KG WITH 10.00x20 TYRES 24000 KG WITH 11Rx22.5 STEEL RADIAL TYRES
GROSS COMBINATION MASS (GCM):	65000 KG WITH CTEV87 81000 KG WITH CTEV87 ON APPLICATION APPROVAL 115000 KG WITH CTN372 ON APPLICATION APPROVAL

NOTE:- AXLE RATINGS ABOVE REFER TO VOLVO AXLES AND SUSPENSIONS.
RATINGS FOR OTHER AXLES ON APPLICATION.



CHASSIS DIMENSIONS MM

		BGT18/RT380	R102W	BGT18/RT380	R102W
WB	Wheelbase	3200	3300	5200	5200
TWB	Theoretical Wheelbase	3885	3960	5885	5860
BBE	Bumper back of exhaust Short Cab (Long Cab)	2138 (2410)	2138 (2410)	2138 (2410)	2138 (2410)
EA	Back of exhaust to axle Short Cab (Long Cab)	3027 (2755)	3102 (2830)	5027 (4755)	5012 (4740)
	Back of exhaust to end frame Short Cab (Long Cab)	4567 (4295)	4640 (4368)	8140 (7868)	8150 (7878)
AF	Rear overhang	855	878	2428	2478
OAL	Overall length	6705	6778	10278	10288
WS	Wheel spacing	1370	1320	1370	1320
RH	At centre bogie - laden	1009/1005	992	1038/1000	987
	- unladen	1062/1049	1042	1086/1044	1037
Turning Circle	Kerb to kerb	14950	15100	20150	20150

Note R.H. to top of "T" profile for WB 3200

CHASSIS WEIGHTS KG

	BGT18/RT380 (SSHD)	R102W (SP40)	BGT18/RT380 (SSHD)	R102W (SP40)
Front axle	4454/4454	4454	4468/4468	4468
Rear axle	3478/3391	3037	3840/3753	3399
Total chassis weight	7932/7845	7491	8308/8221	7867

Note 1. Chassis weight includes: short sleeper cab, SR62 gearbox, CTEV 87 rear axles, 10.00x20 tyres, oil, water, but no fuel or spare wheel.
2. *Tare Weights shown are approximate

S = Centre of Axle to load centre of gravity. This calculation is dependent on individual truck tare weight, after optional equipment is fitted and fuel tanks to maximum capacity. This figure should always be calculated in acc. with the salesman's manual.

ADDITIONAL EQUIPMENT WEIGHT - KG

		Front	Rear	Total
Fuel Tanks (full)	3200 w'base	+476	+354	+830

STANDARD EQUIPMENT

ENGINE TD121G

Six cylinder four stroke direct injection turbo-charged diesel engine fitted with exhaust pressure regulator (exhaust brake) and starting heater. Step type governor.

Capacity: 12 litres
Bore: 130.175 mm
Stroke: 1500 mm
Compression Ratio: 14.2:1
Oil Capacity: 38 litres
Cooling System Capacity: 50 litres
Exhaust: Single outlet vertical silencer mounted on left side

Air Cleaner:

Dual element type with cyclone pre-cleaner

Economy Speed Range: 1200 to 1800 rpm.
Net ISO/SAE output: 242 kw (330 hp metric) @ 2050 rpm

Net ISO/SAE torque: 1300 Nm @ 1300 rpm
 Net output and torque according to ISO 1585, SAE J1349. Smoke requirements according to ECE Reg 24, US Federal Register, Swedish Norms and Australian Design Rule 30.

CLUTCH-KF215F

Twin dry plate. Hydraulic with air servo operation.

Total Area: 2650 sq cm
Clutch Plate Diameter: 356 mm
Pressure Plate Diameter: 381 mm

GEARBOX - SR62

8 speed fully synchromesh range change gearbox with splitter to give 16 forward speeds. Air operated splitter and range control mounted on gear shift knob.

Oil Capacity: 14.7 litres
Ratios:

1st	11.22/9.46:1
2nd	7.84/6.61:1
3rd	5.50/4.64:1
4th	3.93/3.31:1
5th	2.86/2.41:1
6th	2.00/1.68:1
7th	1.40/1.18:1
8th	1.00/0.84:1
Reverse	10.29/8.67:1

Provision for rear mounted power take-offs. Oil cooler fitted standard, on R.H. side of gearbox.

PROPELLOR SHAFT - 1800 SERIES

AXLE-REAR BOGIE - CTEV87

Volvo single reduction tandem drive with power divider lock and differential locks in each axle.

Capacity: 26000 Kg.
Ratio: 4.30:1
Oil Capacity: Front diff. 20 litres
 Rear diff. 9 litres

CAB - SHORT SLEEPER

Model: KH

Construction: All steel safety cab with hydraulic tilt operation to 60°. Fully suspended on coil springs with telescopic shock absorbers. Full sound and thermal insulation.

Equipment: Fully sprung driver's and fixed passengers' seats, adjustable steering column, electrically operated two speed wipers with three arms and intermittent switch, dual halogen head lamps, 5 roof marker lights, push button AM/FM radio/tape deck, twin air horns and roof hatch. Fire extinguisher. Driver and passenger lap seat belts fitted.

Heating & Cooling: Thermostatically controlled heater and demister with integrated air conditioning as standard equipment. A.T.C. Automatic Temp. Control

Instrumentation: Electronic speedometer, tachometer, water, engine oil, temperature gauge. Engine oil and air pressure gauges, voltmeter and fuel gauges. Warning lamps for high water temp, low water level; low air pressure; low oil pressure; power divider; diff. lock; high beam; cab tilt, blocked air cleaner; starter element; park brake and gearbox overdrive; gearbox oil and diff. oil temperature gauges and pyrometer fitted standard.

Cab: Choice of colours, crystal white, Volvo red, chrome yellow, arnhem ivory, soft blue.

Chassis colour: Grey

FRAME - RAM 3

Steel rolled channel section with cold riveted crossmembers. Aluminium bumper bar with tapered frame ends on tractor units.

Frame Width: 800 mm
Web Height: 273 mm
Web Thickness: 7 mm
Flange Width: 85 mm
Flange Thickness: 13 mm

WHEELBASE - STANDARD 3200 mm

See option list, for other sizes.

FUEL TANK

Twin aluminium tanks, of 500 litres capacity each, mounted on L.H. side and R.H. side. Total 1,000 litres.

BRAKES SYSTEM TYPE: K-BROMS

Service: Compressed air "S" cam with separate circuits for front and rear. Hand control for trailer brakes.

Parking: Air operated spring brakes operating on steering axle and first driving axle.

Brake Size: Front, 414x152 mm
 Rear, 394x203 mm

Brake Area: Front, 2415 cm²
 Rear, 6100 cm²
 Total, 8515 cm²

Compressor: Tufo 700
Capacity: 375 lit/min at 2000 rpm
Pressure: 700 kPa
Working Pressure: 650 kPa - 790 kPa
Reservoir Capacity: 2x25 litre, 1x30 litre, 1x50 litre.
 Total 130 litres.

SUSPENSION - FRONT

Parabolic leaf springs with shock absorbers and hollow rubber springs. Anti-roll stabilizer bar.

Spring Type: FFJ-P2
Length: 1750 mm
Width: 100 mm
No. of leaves: 3
Capacity: 6500 kg

SUSPENSION - REAR BOGIE

Volvo single point inverted multi-leaf spring on centre pivot trunion, for use with Volvo axles only.

Bogie Suspension Type: BGT18
Spring Type: BFJ-K1
Length: 1400 mm
Width: 100 mm
No. of leaves: 5
Capacity: 18000 kg

ELECTRICAL

24 volt system. Four 90 amp/hour 12 volt batteries mounted across the chassis with isolation switch. Manual reset circuit breakers fitted standard.

Alternator: 1300 w (45 amp @ 28 volts)
Battery Capacity: 180 A/hr (at 24 volts)
Starter Motor: 6.5 kw (8.7 hp)

STEERING

Fully integral power steering recirculating ball and nut.

Steering Wheel dia: 500 mm
Ratio: 18.6:1
Turns lock to lock: 4.2 (approx)

Front wheel steering lock angle, inner wheel: 50°.

AXLE - FRONT - FAT 6.5

Drop forged I Beam with oil filled hubs.

Capacity: 6500 kg

WHEELS AND TYRES

Six spoke spider hubs with demountable rims and conventional Nylon tyres. 11 off tyres and rims supplied.

Rim Size: 7.50x20
Tyre Size: 10.00x20-14 ply front
 10.00x20-12 ply rear
 10.00x20-14 ply spare

OPTIONAL EQUIPMENT

CLUTCH - KF215D WITH SR70 GEARBOX

Standard fitting when SR70 gearbox used.

Total Area: 3010 sq cm
Clutch Plate Diameter: 381
Pressure Plate Diameter: 381

OPTIONAL GEARBOX - SR70

6 speed fully synchromesh range change gearbox with crawler and splitter to give 14 forward speeds. Air operated splitter and range control mounted on gear knob.

Ratios:

Crawl	15.04/12.04:1
1st	10.39/8.34:1
2nd	6.84/5.52:1
3rd	4.42/3.57:1
4th	2.91/2.35:1
5th	1.92/1.55:1
6th	1.24/1.00:1
Reverse-low:	17.12/13.82:1
Reverse-high:	4.79/3.87:1

Provision for right hand side and rear mounted power take-offs. Oil cooler fitted standard. Oil capacity 12.5 litres.

OPTIONAL AXLE - REAR BOGIE - CTN372

Volvo single reduction tandem drive with planetary hub reduction. Power divider lock with diff. locks in each axle.

Capacity: 26,000 Kg
Ratio: 4.55:1, 5.41:1 with SR62
Oil Capacity: Front diff. 36 litres
 Rear diff. 32 litres

OPTIONAL AXLE - REAR BOGIE - SP40G

Rockwell single reduction tandem drive.

Capacity: 18,150 kg
Ratio: 4.63:1, 4.87:1 with SR62
Oil Capacity: Front diff. 19 litres
 Rear diff. 17 litres

OPTIONAL AXLE - REAR BOGIE - SSHD

Rockwell SSHD single reduction tandem drive.

Capacity: 19970 kg
Ratio: 4.63:1, 4.87:1 with SR62
Oil Capacity: Front diff. 16 litres
 Rear diff. 13 litres

OPTIONAL REAR AXLE RATIOS

DIFF. RATIOS.

SR70/CTEV87	3.56:1, 3.78:1, 4.30:1
SR62/CTEV87	4.87:1
SR62/CTN372	4.55:1, 5.41:1
SR70/CTN372	4.55:1, 4.12:1
SR70/SSHD	3.55:1, 3.73:1, 4.11:1, 4.63:1
SR70/SP40G	3.56:1, 3.78:1

OPTIONAL CAB - LONG SLEEPER

Model: LH

Specifications as for short cab, but with sleeper bunk and twin storage lockers fitted.

FRAME - RAM 4

Double channel section of same external dimensions as ram 3 but with an internal "U" section. Standard fitment for W.B. 5200 mm and above with use of Volvo axles

Web thickness: 7mm + 6mm
Flange thickness: 13mm + 6mm

OPTIONAL WHEELBASES

The following W.B. variants are available as an option:

3300 For Reyco R102W suspension
 4000
 4300
 4600 *most common choice
 *5200

OPTIONAL FUEL TANKS

The choice of sizes are as follows:

390 litre mounted on L.H. side.
 390 litre mounted on R.H. side & L.H. side to give total capacity - 780 litres.

OPTIONAL SUSPENSION - REAR BOGIE

Reyco 4 spring with centre rocker, (four torque rods).

Model: R102W
Spring Width: 76 mm
Leaves/thickness: 13x10 mm
Bogie Capacity: 18150 kg
 (Only for SP40 axles)

OPTIONAL SUSPENSION - REAR BOGIE

Hendrickson suspension with steel walking beam and semi-elliptical leaf springs, for use with Rockwell axles only.

Model: RT380
Capacity: 17240 Kg
No. of Leaves: 4x13 mm
 7x11 mm

OPTIONAL SUSPENSION - REAR BOGIE

Volvo single point inverted multi-leaf spring on centre pivot trunion, for use with Volvo axles only.

Bogie Suspension

Type: BGT20
Spring Type: BFJ-K1
Length: 1400 mm
Width: 100 mm
No. of leaves: 8
Capacity: 20000 kg

OPTIONAL WHEELS AND TYRES

Six spoke spider hubs with demountable rims with steel radial tyres. 11 off tyres and rims supplied.

Rim Size: 8.25x22.5
Tyre Size: 11R 22.5 tubeless 16 ply.

OPTIONAL ACCESSORIES

Aluminium bullbars
 Rest bunk for short sleeper cab
 Thermostatic fan
 Wardrobe
 Exterior sunvisor
 Windscreen stone guard
 Aerodynamic options for short and long sleeper cabs
 Choice of side mounted P.T.O. on SR70
 Choice of rear mounted P.T.O.
 Choice of combination P.T.O./Pump
 Keinzle 7 day tachograph
 Air dryer for brake system
 Extra alternator
 Electrically operated door window winder on L.H.S.
 Pneumatic level control for cab (recommended with aerodynamic aids)
 Choice of turntables
 Tractor air/electrical connection kit for trailer
 Choice of rear mudguards with mudflaps fitted.

RECOMMENDED RETAIL PRICE LIST - JANUARY 1985

CODE NO.		PRICE	APPROX. WEIGHT
K	STD VEHICLE AS PER SPECIFICATION SHEET	\$109,729,00	7,932 kg

CODE NO.	OPTIONAL EQUIPMENT	PRICE		APPROX. WEIGHT	
		+	-	+	-
K431F	Optional gearbox - Volvo SR70 with KF215D clutch	\$2,182.00			30 kg
K465C K465F K465G	Optional axle rear bogie - Volvo CTN372 (only with BGT20 "T" RIDE) - Rockwell SP40G - Rockwell SSHD	\$3,240.00 \$ 500.00 \$2,300.00		251 kg	132 kg 14 kg
K466A K466B K466E K466F K466H K466J K466C K466L K466N K466P K466Q K466R K466S	Optional diff ratios - Volvo 3.56:1 - Volvo 3.78:1 - Volvo 4.30:1 - Volvo 4.55:1 (only CTN372) - Volvo 4.87:1 - Volvo 5.41:1 (only CTN372) - Volvo 4.12:1 (only CTN372) - Rockwell 3.55:1 - Rockwell 3.73:1 - Rockwell 4.11:1 - Rockwell 4.44:1 - Rockwell 4.63:1 - Rockwell 4.87:1	No charge No charge No charge No charge No charge No charge No charge No charge No charge No charge No charge No charge No charge No charge	No charge No charge No charge No charge No charge No charge No charge No charge No charge No charge No charge No charge No charge No charge		
K800B	Optional cab - Long sleeper (LH)	\$ 673.00		80 kg	
K805A K805B K805C K805D K805E	Std. Cab colour - Crystal White - Volvo Red - Chrome Yellow - Arnhem Ivory - Soft Blue	No charge No charge No charge No charge No charge	No charge No charge No charge No charge No charge		
	Optional Cab Colour - All colours shown on Dulux colour card as optional colours are available in enamel by quoting paint number shown on card	\$ 216.00			
K807A K807B K807C K807D K807E	Chassis Colour - Brown - Black - Red - Grey - Yellow	\$ 190.00 \$ 190.00 \$ 190.00 No charge \$ 190.00	No charge		
K808B K808D K808F K808G K808H K808J K808L K808M K808N K808P K808Q K808R K808S	Paint Application System - Two tone STD colour-enamel (441) - Multi-tone STD colour-enamel (441) - Single tone STD or Opt. colour-Acran (426) - Two tone STD or Opt. colour-Acran (426) - Multi-tone STD or Opt. colour-Acran (426) - Two tone with separate flash - any colour Acran - Single tone metallic (Acran) - Two tone metallic (Acran) - Multi-tone metallic (Acran) - Two tone metallic with separate flash (Acran) - Special colour for chassis - Special colour for chassis, rims, spiders - Special colour for rims and spiders only	\$ 225.00 \$ 542.00 \$ 492.00 \$ 652.00 \$1,004.00 \$1,163.00 \$ 926.00 \$1,007.00 \$1,241.00 \$1,400.00 \$ 190.00 \$ 382.00 \$ 153.00			

RECOMMENDED RETAIL PRICE LIST - JANUARY 1985

CODE NO.	OPTIONAL EQUIPMENT	PRICE		APPROX. WEIGHT	
		+	-	+	-
K710D K710H K710K K710M K710P	Optional wheelbase - 3300 Reyco - 4000 - 4300 - 4600 - 5200	\$ 177.00 \$ 897.00 \$ 917.00 \$1,001.00 \$1,709.00		10kg 190kg 276kg 303kg 331kg	
K234D K234E	Optional Fuel tanks - 390 litre LH side - 2 x 390 litre mounted on LH + RH side		\$ 942.00 \$ 281.00		78kg 10kg
K655A K655L K655H	Optional Rear Suspensions - Volvo BGT20 - Reyco R102W - Hendrickson RT380	No charge No charge \$ 247.00	No charge No charge	84 kg	309kg 59kg
K313A	Optional Battery Box - Outboard Chassis RH side (STD WB 52)	\$ 23.00		4 kg	
K771A	Optional Rims - 8.25 x 22.5 - For use with 11R22.5 radial tyres	\$ 469.00		100kg	
	Tyre Brands - See separate price list for range available				
K892A K892B K321A K561A K571A K571B K571C K862B K853A K818B K263B K826A K826B K826C K481C K481D K481F K481E K481P K481G K481J K481H K481K K854A K891E K891F K383B K922A K922B K922C K899B K844A	Optional Accessories - Aerodynamic kit for short cab - Aerodynamic kit for long cab - Alternator (additional) - Air dryer for brake system - Air/electrical kit Pogo + push on connectors - Air/electrical kit Pogo + gladhand connectors - Air/electrical kit mounting with connectors behind turntable - Bull bar (aluminium) - Bunk for short cab - Cab (pneumatic) level system for long cab - Fan (thermostatic) - Mudguards (rear) plastic + mudflaps for tractor only - Mudguards (rear) aluminium + mudflaps for tractor only - Mudguards (rear) 1/4 aluminium + mudflaps - PTO Rear BKU6059 - PTO Rear BKU6123 - PTO Rear BKU7080 - PTO Rear BKU7116 - PTO Side SKU7160 - PTO Rear pump BKUH6039 - PTO Rear pump BKUH7039 - PTO Rear pump BKUH6058 - PTO Rear pump BKUH7058 - Seat (sprung) passengers - Sunvisor (exterior) - Stoneguard for windscreen - Tachograph 7 day Keinzle (3 functions) - Turntable Holland HAP 40 - Turntable Franklin Ball Race - Turntable Carrimore Top "C" - Wardrobe - Window winder (electric) for left hand side	\$1,471.00 \$1,471.00 \$ 323.00 \$ 482.00 \$ 398.00 \$ 396.00 \$ 176.00 \$1,852.00 \$ 190.00 \$ 315.00 \$ 323.00 \$1,393.00 \$1,522.00 \$ 747.00 \$ 286.00 \$ 753.00 \$ 846.00 \$ 882.00 \$1,489.00 \$1,310.00 \$1,413.00 \$1,371.00 \$1,526.00 \$ 129.00 \$ 236.00 \$ 214.00 \$ 442.00 \$1,798.00 \$3,695.00 \$1,522.00 \$ 52.00 \$ 238.00		33kg 35kg 7kg 20kg 7kg 7kg 3kg 95kg 19kg 2kg 10kg 62kg 79kg 11kg 9kg 20kg 26kg 27kg 24kg 30kg 34kg 34kg 35kg 8kg 5kg 6kg 1kg 240kg 358kg 115kg 2kg 2kg	

These prices are recommended only and may be amended by Volvo Australia Pty. Ltd. at any time.

R.S.P. PRICE 68732.01-85

SALES TAX COMPONENT = 12.9% of recommended retail price

Volvo Australia Pty. Ltd.
(Incorporated in New South Wales)