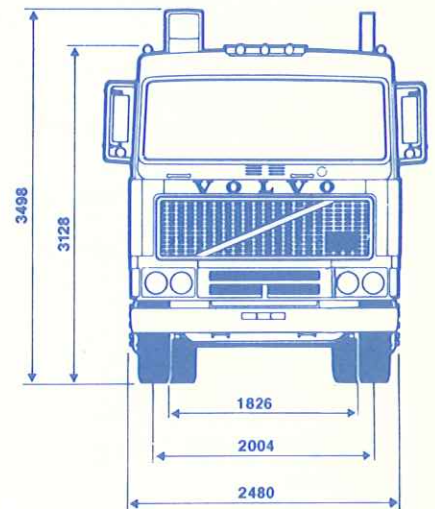
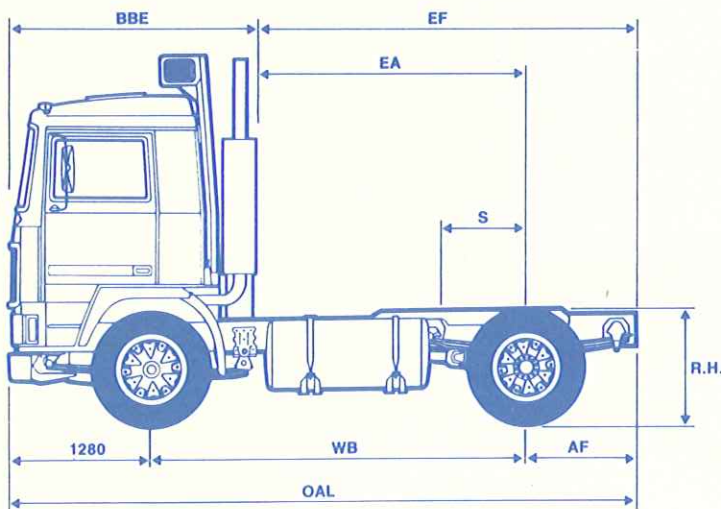


### RATINGS:

FRONT AXLE:	6500 KG (TECHNICALLY PERMITTED)
REAR AXLE:	10000 KG (TECHNICALLY PERMITTED)
GROSS VEHICLE MASS (GVM):	14340 KG WITH 10.00x20 TYRES 15000 KG WITH 11Rx22.5 STEEL RADIAL TYRES
GROSS COMBINATION MASS (GCM):	44000 KG



### CHASSIS DIMENSIONS MM

RAEV85

WB	Wheelbase	3400
BBE	Bumper back of exhaust Short Cab (Long Cab)	2138 (2410)
EA	Back of exhaust to centre of axle Short Cab (Long Cab)	2542 (2270)
EF	Back of exhaust to end frame Short Cab (Long Cab)	3482 (3210)
AF	Rear overhang	940
OAL	Overall length	5620
RH	At centre bogie - Laden - Unladen	1007 1090
Turning Circle	Kerb to kerb	12100

Note RH to top of turntable "L" profile for WB 3400.

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.

### CHASSIS WEIGHTS KG

Front axle	4235
Rear axle	1635
Total chassis weight	5870

Note 1. Chassis weight includes - short sleeper cab, R62 gearbox, RAEV 85 rear axle, 10.00x20 tyres, oil, water, but no fuel or spare wheel.  
2. \*Tare Weight shown is approximate

### ADDITIONAL EQUIPMENT WEIGHT - KG

		Front	Rear	Total
Fuel Tanks (Full)	3400 w'base	+151	+172	+323

## STANDARD EQUIPMENT

### ENGINE TD101F

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

<b>Capacity:</b>	9.6 litres
<b>Bore:</b>	120.6 mm
<b>Stroke:</b>	140 mm
<b>Compression Ratio:</b>	14.3:1
<b>Oil Capacity:</b>	36 litres
<b>Cooling System Capacity:</b>	50 litres
<b>Exhaust:</b>	Single outlet vertical silencer mounted on left side
<b>Air Cleaner:</b>	Dual element type with cyclone pre-cleaner
<b>Economy Speed Range:</b>	1200 to 1900 rpm.

**Net ISO/SAE output:** 220 kw (300 hp metric) @ 2050 rpm

**Net ISO/SAE torque:** 1230 Nm @ 1300 rpm

Net output and torque according to ISO 1585, SAE J1349. Smoke requirements according to ECE Reg 24, U.S. Federal Register, Swedish Norms and Australian Design Rule 30.

### CLUTCH-KF214H

Twin dry plate. Hydraulic with air servo operation.

<b>Total Area:</b>	2650 sq cm
<b>Clutch Plate Diameter:</b>	356 mm
<b>Pressure Plate Diameter:</b>	356 mm

### GEARBOX - R62

Fully synchromesh 8 speed range gearbox, with oil cooler on R.H. side of gearbox.

<b>Oil Capacity:</b>	12.4 litres
<b>Ratios:</b>	1st 10.60:1
	2nd 7.40:1
	3rd 5.20:1
	4th 3.93:1
	5th 2.70:1
	6th 1.89:1
	7th 1.32:1
	8th 1.00:1
	Reverse 9.71:1

### PROPELLER SHAFT - 1800 SERIES

#### AXLE-REAR RAEV85

Single reduction hypoid bevel and helical geared differential with air operated diff. lock.

<b>Capacity:</b>	13,000 Kg.
<b>Ratios:</b>	3.78:1
<b>Oil Capacity:</b>	13 litres

### CAB - SHORT SLEEPER

**Model:** KH

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

**Equipment:** Fully sprung driver's and fixed passenger's seats, adjustable steering column, electrically operated two speed wipers with three arms and intermittent switch, dual halogen head lamps, 5 roof marker lights, twin air horn and roof hatch. Fire extinguisher. Driver and passenger seat belts fitted.

**Heating & Cooling:** Thermostatically controlled heater and demister standard.

**Instrumentation:** Electronic speedometer, tachometer, water, temperature gauges. Engine oil and air pressure gauges. Voltmeter and fuel gauge. Warning lamps for high water temp, low water level; low air pressure, low oil pressure, diff. lock, high beam, cab tilt, blocked air cleaner, starter element, park brake.

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

**Chassis colour:** Grey

### FRAME - RAM 3

Steel rolled channel section with cold rivetted crossmembers, with tapered chassis ends on tractor unit.

<b>Frame Width:</b>	800 mm
<b>Web Height:</b>	273 mm
<b>Web Thickness:</b>	7 mm
<b>Flange Width:</b>	85 mm
<b>Flange Thickness:</b>	13 mm

Aluminium bumper bar.

### WHEELBASES - STANDARD 3400 mm

See option list, for other sizes.

### FUEL TANK

Single aluminium tank, of 390 litres capacity mounted on L.H. side.

### 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 rear axle only.

**Exhaust Brake:** Electro-pneumatic operated by foot switch.

<b>Brake Size:</b>	Front, 413x152 mm
	Rear, 394x203 mm
	Front, 2415 cm <sup>2</sup>
	Rear, 3050 cm <sup>2</sup>
	Total, 5465 cm <sup>2</sup>

<b>Brake Area:</b>	Tuflo 700
<b>Compressor:</b>	375 l/min at 2000 rpm
<b>Capacity:</b>	700 kPa
<b>Pressure:</b>	650 kPa - 790 kPa
<b>Working Pressure:</b>	2x25 litre, 2x30 litre,
<b>Reservoir Capacity:</b>	Total 110 litres.

### SUSPENSION - FRONT

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

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

### SUSPENSION - REAR

Semi-elliptical conventional leaf spring combined with hollow rubber springs.

<b>Suspension Type:</b>	BAT10
<b>Spring Type:</b>	BFJ-K1
<b>Capacity:</b>	10,000 kg
<b>No. of leaves:</b>	9
<b>Length:</b>	1650 mm
<b>Width:</b>	100 mm

### ELECTRICAL

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

<b>Alternator:</b>	1300 w (45 amp @ 28 volts)
<b>Battery Capacity:</b>	180 A/hr (at 24 volts)
<b>Starter Motor:</b>	5.5 kw (7.5 hp)

### STEERING

Fully integral power steering recirculating ball and nut.

<b>Steering Wheel Dia:</b>	500 mm
<b>Ratio:</b>	18.6:1
<b>Turns lock to lock:</b>	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. 7 off tyres and rims supplied.

<b>Rim Size:</b>	7.50x20
<b>Tyre Size:</b>	10.00x20-14 ply front
	10.00x20-12 ply rear
	10.00x20-14 ply spare

## OPTIONAL EQUIPMENT

### OPTIONAL GEARBOX - SR62

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

<b>Oil Capacity:</b>	14.7 litres
<b>Ratios:</b>	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 10.29/8.68:1

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

### OPTIONAL REAR AXLE RATIOS

	<b>DIFF. RATIO.</b>
SR62/RAEV85	4.25:1, 4.63:1
R62/RAEV85	4.25:1

### OPTIONAL CAB - LONG SLEEPER

**Model:** LH

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

### OPTIONAL WHEELBASES

The following WB variants are available as an option:

3600 mm
3800 mm
4000 mm
4300 mm
4600 mm

### OPTIONAL FUEL TANK

The choice of sizes is as follows:  
390 litres mounted on R.H. side.  
2 x 500 litres mounted on L.H. side and R.H. side to give total of 1000 litres with W.B. 3400+

### OPTIONAL WHEELS AND TYRES

Six spoke spider hubs with demountable rims. 7 off tyres and rims supplied.

<b>Rim Size:</b>	8.25x22.5
<b>Tyre Size:</b>	11R 22.5 tubeless 16 ply

### OPTIONAL ACCESSORIES

- Aluminium bull bar
- Extra alternator
- Stereo FM/AM radio/cassette player with speakers
- Air dryer for brake system
- Thermostatic fan
- Integrated air conditioning - auto temp control
- Choice of rear mounted P.T.O.
- Choice of combination P.T.O./pumps
- Choice of turntables for tractors
- Choice of rear mudguards with mudflaps fitted
- Keinzle 7 day tachograph
- Exterior sunvisor
- Windscreen stone guard
- Tractor air/electrical connection kit for trailer
- Electrically operated door window winder (L.H. side)
- Sprung passenger seat
- Aerodynamic aids for short and long sleeper cabs
- Pneumatic cab levelling system (recommended with aerodynamic aids)
- Deluxe instrument pack
  - engine oil temp gauge
  - gearbox oil temp gauge
  - diff oil temp gauges
  - pyrometer
- Rest bunk for short sleeper cab
- Head rest for driver's and passenger's seats
- Wardrobe

## RECOMMENDED RETAIL PRICE LIST - JANUARY 1985

CODE NO.		PRICE	APPROX. WEIGHT
R	STD VEHICLE AS PER SPECIFICATION SHEET	\$74,379.00	5,870kg

CODE NO.	OPTIONAL EQUIPMENT	PRICE		APPROX. WEIGHT	
		+	-	+	-
R431C	<b>Optional gearbox</b> - Volvo SR62	\$ 977.00		80 kg	
R466D R466G	<b>Optional axle ratios</b> - Volvo 4.25:1 - Volvo 4.63:1	No charge No charge	No charge No charge		
R800B	<b>Optional cab</b> - Long sleeper (LH)	\$ 673.00		80 kg	
R805A R805B R805C R805D R805E	<b>Std. cab colour</b> - 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		
	<b>Optional Cab Colour</b> - All colours shown on Dulux colour card as optional colours are available in enamel by quoting paint number shown on card	\$ 216.00			
R807A R807B R807C R807D R807E	<b>Chassis colours</b> - Brown - Black - Red - Grey - Yellow	\$ 190.00 \$ 190.00 \$ 190.00 No charge \$ 190.00	No charge		
R808B R808D R808F R808G R808H R808J R808L R808M R808N R808P R808Q R808R R808T	<b>Paint Application System</b> - 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			
R710F R710G R710H R710K R710M	<b>Optional wheelbase</b> - 3600 mm - 3800 mm - 4000 mm - 4300 mm - 4600 mm	\$ 378.00 \$ 413.00 \$ 897.00 \$ 917.00 \$1,001.00		71 kg 94 kg 125 kg 158 kg 205 kg	
R234E R234G	<b>Optional fuel tank</b> - 390 litre RH side - 2 x 500 litre mounted LH + RH side	\$1,337.00 \$1,783.00		61 kg 82 kg	

## RECOMMENDED RETAIL PRICE LIST - JANUARY 1985

CODE NO.	OPTIONAL EQUIPMENT	PRICE		APPROX. WEIGHT	
		+	-	+	-
R313A	<b>Optional battery box</b> - Outboard chassis RH side	\$ 23.00		4 kg	
R771A	<b>Optional Rims</b> - 8.25 x 22.5 - For use with 11R22.5 radial tyres	\$ 236.00		60 kg	
	<b>Tyre Brands</b> - See separate price list for range available				
	<b>Optional accessories</b>				
R892A	- Aerodynamic kit for short cab	\$1,471.00		33 kg	
R892B	- Aerodynamic kit for long cab	\$1,471.00		35 kg	
R874B	- Air conditioning auto temp. control	\$1,035.00		25 kg	
R561A	- Air dryer for brake system	\$ 482.00		20 kg	
R571A	- Air/electrical kit Pogo + push on connectors	\$ 398.00		7 kg	
R571B	- Air/electrical kit Pogo + gladhand connectors	\$ 396.00		7 kg	
R571C	- Air/electrical kit mounting with connectors behind turntable	\$ 176.00		3 kg	
R321A	- Alternator (additional)	\$ 323.00		7 kg	
R862B	- Bull bar (aluminium)	\$1,852.00		95 kg	
R853A	- Bunk for short cab	\$ 190.00		19 kg	
R818B	- Cab (pneumatic) level system for long cab	\$ 315.00		2 kg	
R263B	- Fan thermostatic	\$ 323.00		7 kg	
R859A	- Head rest for drivers seat	\$ 38.00		2 kg	
R859A	- Head rest for passenger seat	\$ 38.00		2 kg	
R384A	- Instrument pack	\$ 952.00		2 kg	
R826A	- Mudguards (rear) plastic + mudflaps for tractor only	\$ 935.00		30 kg	
R826B	- Mudguards (rear) aluminium + mudflaps for tractor only	\$ 962.00		38 kg	
R826C	- Mudguards (rear) 1/4 aluminium + mudflaps	\$ 498.00		11 kg	
R481C	- PTO Rear BKU6059	\$ 286.00		9 kg	
R481D	- PTO Rear BKU6123	\$ 753.00		20 kg	
R481G	- PTO Rear BKUH6039	\$1,310.00		30 kg	
R481G	- PTO Rear BKUH6058	\$1,371.00		30 kg	
R391B	- Radio/cassette AM/FM stereo with speakers	\$ 573.00		11 kg	
R854A	- Seat (sprung) passengers	\$ 129.00		8 kg	
R891E	- Sunvisor (exterior)	\$ 236.00		5 kg	
R891F	- Stoneguard for windscreen	\$ 214.00		6 kg	
R383B	- Tachograph 7 day Keinzle (3 function)	\$ 442.00		1 kg	
R922A	- Turntable Holland HAP 40	\$1,798.00		240 kg	
R922B	- Turntable Franklin Ball Race	\$3,695.00		358 kg	
R922C	- Turntable Carrimore Top "C"	\$1,522.00		115 kg	
R899B	- Wardrobe	\$ 52.00		2 kg	
R844A	- Window winder (electric) for left hand side	\$ 238.00		2 kg	

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

R.S.P. PRICE 68729.01-85

SALES TAX COMPONENT = 12.9% of recommended retail price

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