

## VOLVO TRACKED FORESTRY CARRIER

# FC2924C



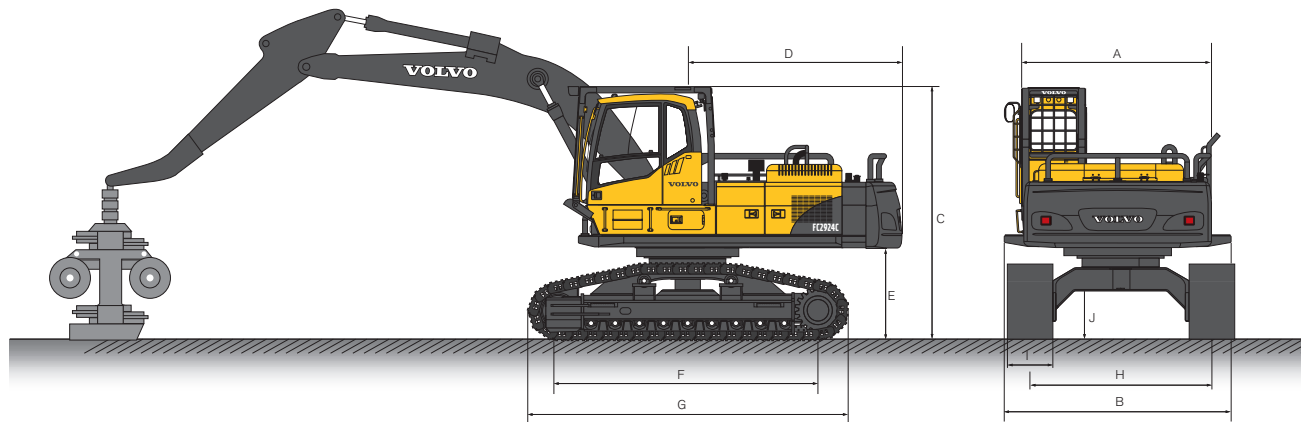
Volvo tracked forestry carriers are designed and purpose built to minimize service requirements and fuel consumption while maximizing day to day production and operator safety in the demanding forest industry. Versatile and comfortable, Volvo tracked forestry carriers are used in harvesting, processing, felling, shovel logging, loading, stump harvesting, trenching, scarifying, planting and forest road building applications.

- **Engine power, gross: 138 kW / 185 hp**
- **Base operating weight (without attachments): 31 t ~ 34.4 t / 68,340 lbs ~ 75,830 lbs**
- Volvo turbo charged diesel engine with precise, high-pressure fuel injectors and air-to-air intercooler. Meets both EPA Tier 3 and EU Stage III emissions standards.
- The Volvo Integrated Work Mode with two variable displacement axial piston pumps
  - precisely controls both the independent and simultaneous movements of the boom and attachments.
- Cab
  - Ergonomically designed for maximum operator comfort.
  - Hydraulically dampened mounts reduce vibration resulting in decreased operator fatigue and lower interior sound levels.
  - Fully climate controlled.
  - Heated operator seat.
- Heavy-duty forestry specific boom structure.
- Heavy-duty protection for upper and lower structure.
- High-walker under carriage.
- Auxiliary hydraulic valve is standard.
- All hydraulics are optimized for forestry attachments.
- Special guarding for forestry applications.
- Hydraulically driven, reversible cooling fan for optimum cooling efficiency (optional).

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# THE FC2924C IN DETAIL



\*Harvester head with adapter is shown as an example of an attachment

Description	Unit	6.0 m , 19'8" boom , 2.97 m , 9'9" arm
A. Overall width of upper structure	mm, ft-in	2,970 , <b>9'9"</b>
B. Overall width	mm, ft-in	3,490 , <b>11'5"</b>
C. Overall height	mm, ft-in	3,935 , <b>12'11"</b>
D. Tail swing radius	mm, ft-in	3,365 , <b>11'0"</b>
E. Counterweight clearance	mm, ft-in	1,410 , <b>4'8"</b>
F. Tumbler length	mm, ft-in	4,015 , <b>13'2"</b>
G. Track length	mm, ft-in	4,891 , <b>16'1"</b>
H. Track gauge	mm, ft-in	2,800 , <b>9'2"</b>
I. Shoe width	mm, ft-in	700 , <b>2'4"</b>
J. Min. ground clearance*	mm, ft-in	745 , <b>2'5"</b>

\*With double grouser shoes

## STANDARD EQUIPMENT

### Engine

Volvo D7E EBE3  
 Max. power at 30 r/s , **1,800 rpm**  
 Net (ISO 9249, SAE J1349) 125 kw , **168 hp**  
 Gross (SAE J1995) 138 kw , **185 hp**

### Electric/Electronic control system

Lights 11 working , 4 maintenance  
 Alternator 80 Amp  
 Electric power switch for attachment

### Cab and interior

Side door and rear window guards  
 (WCB & ISO compliant)  
 High impact protection with polycarbonate  
 windscreen and RH side window 12 mm , **0.5"**

Falling object guarding (FOG)  
 Heavy-duty steel compartment doors  
 Joystick with proportional controls  
 Cab riser 450 mm , **18"** with hand-grips  
 and lockable storage

### Undercarriage

High-walker undercarriage  
 Bottom rollers on top  
 Full track guards  
 Heavy-duty belly cover 20 mm , **0.8"**

### Superstructure

Counterweight 4,500 kg , **9,920 lbs**  
 RH front corner guard

Swing ring guard  
 HD underprotection for superstructure 8 mm , **0.32"**  
 HD 300 mm , **12"** anti slip service walkway

### Hydraulic system

Max. hydraulic flow 2 x 230 l/min , **61 gpm**  
 + 1 x 20 l/min , **5.3 gpm**  
 Attachment operating pressure  
 31.4/34.3 MPa , **4,550/4,980 psi**  
 Auxiliary hydraulics with proportional control valve

### Boom and arm

Forestry specific heavy-duty boom and arm  
 Boom cylinder, arm cylinder and pipe guarding

Without boom riser	Unit	6.0 m , 19'8" boom , 2.97 m , 9'9" arm
Max. reach from swing center	mm, ft-in	8,720 , <b>28'7"</b>
Max. lifting height	mm, ft-in	8,640 , <b>28'4"</b>
Min. front swing radius	mm, ft-in	3,890 , <b>12'9"</b>

With boom riser	Unit	6.0 m , 19'8" boom , 2.97 m , 9'9" arm
Max. reach from swing center	mm, ft-in	8,720 , <b>28'7"</b>
Max. lifting height	mm, ft-in	10,295 , <b>33'9"</b>
Min. front swing radius	mm, ft-in	1,995 , <b>6'7"</b>

## OPTIONAL EQUIPMENT

Fuel filler pump 50 l/min , **13 gpm** with  
 automatic shut-off  
 Boom cylinder protection  
 Boom riser  
 Straight or goose neck adapter for processor/  
 harvester attachment  
 Hydraulic piping with return filter for processor/  
 harvester head  
 Protection plate for lift cylinders  
 Swing room guard

Additional Sandwich Style Fuel Tank 685 l , **181 gal**  
 High capacity oil cooler  
 Hydraulically controlled reversible cooling fan  
 LevelMax leveling module (available Summer 2008)  
 Optional Counter Weight 6,500 kg , **14,330 lbs**  
 Harvester Auxiliary Hydraulics  
 One-way with filter  
 One-way without filter  
 Log loader, road builder, general purpose hydraulics

## OEM ATTACHMENTS FOR FORESTRY APPLICATIONS

Harvester/processor head with control system  
 Log grapple  
 Stump harvesting head  
 Planting attachment

*Attachments are not supplied by Volvo CE. All are local dealer or supplier installations. Not all products are available in all markets. Under Volvo's policy of continuous machine upgrades and improvements, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.*

# VOLVO

Construction Equipment  
[www.volvo.com](http://www.volvo.com)

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