**VOLVO MOTOR GRADERS** 

# **G930**



MORE CARE. BUILT IN.



### **SPECIFICATIONS**

		G930
Base operating weight - approximate		
Weights shown include enclosed low profile cab with ROPS, all opera	ting fluids,	
operator and standard equipment.		
Base - Total	lb (kg)	34,830 (15 800)
On front wheels	lb (kg)	10,360 (4 700)
On rear wheels	lb (kg)	24,470 (11 100)
Maximum combined capacity	lb (kg)	42,500 (19 280)
Maximum weight - front	lb (kg)	16,700 (7 570)
Maximum weight - rear	lb (kg)	31,400 (14 240)
Note that adding weight and attachments to the base grader may need be exceeded.	essitate a tire upgrade as r	maximum weight capacity of tire may
Productivity (Standard equipment)		
Blade pull at base weight (0.9 traction co-efficient)	lb (kg)	22,023 (9 990)
Blade pull at maximum base weight (0.9 traction co-efficient)	lb (kg)	28,260 (12 816)
Blade down force capability	lb (kg)	18,021 (8 188)
Blade down force is the maximum downward force which may be app	lied at the cutting edge.	
Engine data		
Model		Volvo D7E
Turbocharged, aftercooled with replaceable wet-type cylinder liners.		
No. of cylinders		In Line 6
Bore & stroke	in (mm)	4.25 x 5.12 (108 x 130)
Displacement	cu in (I)	436 (7,2)
Engine certified to US EPA Tier 3/EU Stage IIIA exhaust emission st	andards.	
Electrical system		24 volt - 80 amp
		(1920 watt) alternator
Batteries (two 12 volt) maintenance free, heavy duty		760 CCA 170 RC
Two 12 volt 1125 CCA (195 RC) or1300 CCA (385 RC) batteries av	ailable optionally.	

#### Engine performance curve

#### Legend

High Range Mid Range

Base Power



Engine Power



Ret Power (hp)

Net Power (hp)

Net Torque (h.ft)

Net Torque (h.ft)

Net Torque (h.ft)

Net Torque (h.ft)

Ret Torque (h.ft)

		G930
3 Range engine power control		
Base range power		
Rated net brake horsepower @ 1900 RPM§	hp (kW)	155 (115)
Torque	lb.ft (N.m)	668 (906) @1200
Mid range power		
Rated net brake horsepower @ 1900 RPM§	hp (kW)	175 (130)
Torque	lb.ft (N.m)	675 (915) @1400
High range power		
Rated net brake horsepower @ 2100 RPM§	hp (kW)	195 (145)
Maximum net horsepower @ 1800 RPM	hp (kW)	204 (154)
Torque	lb.ft (N.m)	684 (928) @1550
Engine de-rating at 9,800 ft (3 000 m) altitude		None
Rated net horsepower SAE J1349/ISO 9249		

§Optional, operator controlled Power / Speed Engine Mode allows 2100 RPM in Base and Mid power ranges. Not available in the European Union.

#### Transmission

Fully sequential, direct drive, Volvo powershift transmission. Engine cannot be started if transmission is in gear. Single lever electronic transmission controller provides self-diagnostics and overspeed protection. Optional HTE1160 has automatic shifting and travel mode as standard equipment.

Approximate values - ground speeds may vary based upon tire brand

Transmission	HTE840	8-Speed		HTE1160 11-Speed	
Tire Size	14:00	17.5		14:00	17.5
Gear @ RPM	mph (km/h)	mph (km/h)	Gear @ RPM	mph (km/h)	mph (km/h)
F1 @ 1900	2.4 (3,8)	2.4 (3,8)	F1 @ 1900	1.9 (3,0)	1.8 (2,9)
F2 @ 1900	3.3 (5,3)	3.3 (5,3)	F2 @ 1900	2.4 (3,9)	2.4 (3,8)
F3 @ 1900	4.7 (7,5)	4.6 (7,4)	F3 @ 1900	3.2 (5,2)	3.2 (5,1)
F4 @ 1900	6.5 (10,5)	6.5 (10,3)	F4 @ 1900	4.2 (6,7)	4.1 (6,6)
F5 @ 1900	9.3 (14,9)	9.2 (14,7)	F5 @ 1900	5.5 (8,8)	5.4 (8,7)
F6 @ 2100	13.0 (20,8)	12.8 (20,5)	F6 @ 1900	7.1 (11,4)	7.0 (11,2)
F7 @ 2100	20.1 (32,2)	19.9 (31,8)	F7 @ 1900	10.4 (16,6)	10.3 (16,4)
F8 @ 2100	28.1 (44,9)	27.7 (44,4)	F8 @ 2100	13.9 (22,2)	13.7 (21,9)
			F9 @ 2100	18.0 (28,8)	17.8 (28,4)
			F10 @ 2100	23.6 (37,7)	23.3 (37,2)
			F11 @ 2100	30.5 (48,8)	30.1 (48,2)
R1 @ 1900	2.3 (3,8)	2.3 (3,7)	R1 @ 1900	1.8 (2,9)	1.8 (2,9)
R2 @ 1900	4.6 (7,4)	4.5 (7,3)	R2 @ 1900	3.2 (5,1)	3.1 (5,0)
R3 @ 1900	9.1 (14,6)	9.0 (14,4)	R3 @ 1900	5.4 (8,6)	5.3 (8,5)
R4 @ 2100	19.8 (31,6)	19.5 (31,2)	R4 @ 1900	7.9 (12,6)	7.8 (12,5)
			R5 @ 2100	13.6 (21,8)	13.5 (21,5)
			R6 @ 2100	23.2 (37,1)	22.9 (36,6)

	Transmission Gear				
Engine Power Range	Volvo HTE840	Volvo HTE1160			
Base	F1, F2 R1	F1, F2, F3 R1, R2			
Mid	F3, F4, F5 R2, R3	F4, F5, F6, F7 R3, R4			
High	F6, F7, F8 R4	F8, F9, F10, F11 R5, R6			

		G930
Tandems		
Depth	in (mm)	8.9 (226,5)
Height	in (mm)	24.25 (616)
Thickness		
inner wall	in (mm)	1 (25)
outer wall	in (mm)	.78 (20)
Center distance	in (mm)	61 (1 550)
Drive chain pitch	in (mm)	2 (51)
Oscillation	degrees ±	15°
Differential / Final drive		
Model		Volvo APR70
Planetary final reduction with an operator controlled wet multiple disc	lock/unlock differential.	
Wheels & tires (Standard equipment)		
Tire size		14:00 x 24, G-2
Ply rating (PR)		12
Rim size	in (mm)	9 (223) One piece rim
Bolt-on rims interchangeable between front and rear		Yes
Front axle and articulation		
	degrees R & L	18°
Wheel lean	degrees R & L	18°
Front axle and articulation Wheel lean Oscillation Ground clearance		
Wheel lean Oscillation Ground clearance	degrees up & down	16°
Wheel lean Oscillation Ground clearance Minimum turning radius using front axle steering, articulation, wheel	degrees up & down in (mm)	16° 24 (610)
Wheel lean Oscillation Ground clearance Minimum turning radius using front axle steering, articulation, wheel lean and unlocked differential	degrees up & down in (mm)	16° 24 (610)
Wheel lean Oscillation	degrees up & down in (mm) ft (mm)	16° 24 (610) 23'10" (7 265)

#### Brakes

Service Brakes: Foot operated

Fade resistant, hydraulically actuated, wet multiple disc service brakes located at the 4 tandem drive wheels are fully sealed and maintenance free. System features crossover dual braking circuits for uniform braking on both sides of the grader. Includes reserve power assist and operator warning system (visual and audible).

Parking Brake

Spring applied hydraulically released enclosed wet multiple disc type parking brake in final drive.

Effective on all 4 tandem drive wheels.

Transmission cannot be engaged with park brake on.

Braking systems comply to SAE J/EN ISO 3450:1996.

Volvo uses asbestos free brake components.

		G930
Front Frame Fabricated – Robotically welded		
Minimum dimensions of box section	in (mm)	10.5 x 13.5 (265 x 340)
Plate thickness sides, top & bottom	in (mm)	.79 (20)
Vertical section modulus at arch	cu in (cm³)	119 (1 950)
minimum	cu in (cm³)	101 (1 663)
maximum	cu in (cm³)	212 (3 474)
Rear Frame – Full perimeter type		
Minimum dimensions of side rail	in (mm)	10 x 4 (254 x 100)
Side plate thickness	in (mm)	.38 (9,6)
Optional first user lifetime warranty on frame, includes maintenance fi	ee articulation pins and bea	rings.
Moldboard		
Standard moldboard with replaceable end bits	in	.87 x 25 x 12'
	(mm)	(22 x 635 x 3 658)
Moldboard material		SAE 1050 high carbon steel
Edge: through hardened	in (mm)	6 x 5/8 (152 x 16) boron steel
Bolt spacing	in (mm)	6 (152)
Bolt size	in (mm)	5/8 (16)
Slide rails supported by Duramide™ bearings		YES
Moldboard range: Moveable Blade Control System		
(Dimensions shown with 14:00 tires and standard moldboard)		Left/Right
Reach outside tires - articulated frame	in	120/119.5
	(mm)	(3 048/3 035)
Reach outside tires - straight frame	in	80/79
	(mm)	(2 020/2 010)
Moldboard slide	in	26.5/26.5
	(mm)	(673/673)
Circle side shift	in	30.5/29.5
	(mm)	(775/749)
Maximum bank sloping angle, left - right	degrees	90°/90°
7 Position Blade Control system linkage		YES
Moldboard ground clearance	in (mm)	17.5 (445)
Moldboard cutting depth	in (mm)	31 (790)
Moldboard tilt range	degrees forward	47°
	degrees back	5°

		G930
Circle		
Pitch diameter	in (mm)	64 (1 626)
Thickness	in (mm)	1.25 (32)
Adjustable guide shoes - standard / optional		3/5
Adjustable clamp plates - standard / optional		3/5
Upper circle wear plates - standard / optional		3/5

Circle to drawbar support is provided by Duramide™ wear plates and bearings at the clamp and guide shoes. Duramide™ prevents metal-to-metal contact and provides maximum service life.

#### Circle drive

Interior height

The Volvo dual gear Circle Drive System uses direct acting hydraulic power for exceptional turning and holding capability under full load. Circle Drive System uses two hardened drive pinions and is protected against impact damage by an overload relief valve as standard equipment.

Rotation	degrees	360°		
Drawbar				
Dimensions of box section	in (mm)	6.5 x 6.5 (165 x 165)		
Plate thickness	in (mm)	1 & .75 (25 & 19)		

in (mm)

64 (1 620)

An optional full height cab is available with an inside height of 72.5" (1 837 mm).

All Volvo Grader cabs and canopies are designed to meet or exceed SAE J/ISO 3471-1:2004 and EN 13510:2000 ROPS requirements and SAE J/ISO 3449:2005 Level 2 FOPS requirements.

The retractable seatbelt is 3" (76 mm) wide and meets SAE J386 NOV. 97 and EN ISO 6683:1999. Industry standardized control lever arrangement.

Interior operator noise levels average 72 dB(A) per ISO 6394:1998 (enclosed cab).

#### Implement hydraulics

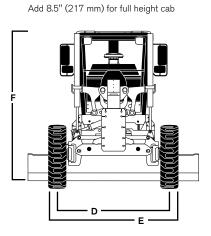
Circuit type: Closed center, load sense Proportional Demand Flow (PDF) Hydraulic System, with O-ring face seal hose connections.

Main implement pump type		Axial piston type
Maximum pressure	psi (Bar)	3,000 (207)
Output 2100 RPM	gpm (lpm)	55 (208)
Stand by pressure	psi (Bar)	350 (24)

#### Hydraulic fan drive pump

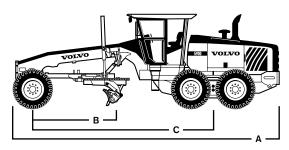
Separate axial piston pump dedicated to the variable speed cooling fan. Reversible cooling fan optionally available.

			G930
Capacities			
Fuel tank		U.S. Gal. (I)	90 (340)
Transmission		U.S. Gal. (I)	16 (61)
Final drive		U.S. Gal. (I)	6 (22,7)
Tandems (each)		U.S. Gal. (I)	26.4 (100)
Hydraulic oil tank		U.S. Gal. (I)	24 (91)
Coolant antifreeze protection to -58° F (-50° C) approx		U.S. Gal. (I)	8.2 (31)
Engine oil		U.S. Gal. (I)	5.7 (21,5)
Attachments			
(Optional unless otherwise stated as standard equipment)			
Push Block		lb (kg)	1,138 (515)
Ripper includes rear frame arch support and links		lb (kg)	3,295 (1 495)
Mid Mount Scarifier		lb (kg)	1,995 (905)
Front Mount Scarifier		lb (kg)	1,575 (715)
Dozer: 8' (2,4 m)		lb (kg)	2,380 (1 080)
9' (2,7 m)		lb (kg)	2,515 (1 140)
Dimensions			
All dimensions are approximate.	А	in (mm)	352 (8 930)
Legend	В	in (mm)	105 (2 675)
	С	in (mm)	247 (6 280)
A = Overall length	D	in (mm)	82 (2 076)
B = Bladebase per ISO 7134	٥	14:00 in (mm)	100 (2 537) STD
C = Wheelbase D = Width - Front tire center lines	E	17.5 in (mm)	100 (2 537) 31D
D = width - Front tire center lines	_	in (mm)	127 (3 225)



 $\mathsf{E} = \mathsf{Width} - \mathsf{Outside} \ \mathsf{tires}$ 

 $\mathsf{F} = \mathsf{Overall} \ \mathsf{height} \ \mathsf{with} \ \mathsf{Low} \ \mathsf{Profile} \ \mathsf{Cab}$ 



in (mm)

127 (3 225)

## STANDARD FEATURES / OPTIONAL EQUIPMENT

Model (S - Standard / O - Optional)	G930	G940	G946	G960	G970	G976	G990
Powertrain	1 4000	4010	4010	acco	4070	40.0	acco
Volvo engines are certified to US Tier 3/EU Stage IIIA emission criteria	S	S	S	S	S	S	S
Rear axle, operator controlled, lock/unlock differential with planetary final reduction	S	S	S	S	S	S	S
4 wheel wet disc braking system with crossover dual circuits and reserve power assist	S	S	S	S	S	S	S
Spring applied wet multiple disc park brake with operator warning alarm and indicator	S	S	S	S	S	S	S
Electronic hand throttle with RPM hold and resume functions	S	S	S	S	S	S	S
Operator controlled Power/Speed engine mode (N/A in the European Union)	0	0	0	0	0	0	0
Direct drive, power shift Volvo HTE840 transmission with 8 forward and 4 reverse gears	S	S	S	S	S	S	S
Single transmission control lever, with electronic over speed protection, advanced		i	i				
memory shift and park position lockout with hinged transmission guard	S	S	S	S	S	S	S
Transmission Autoshift and Travel functions	0	0	0	0	0	0	0
Direct Forward to Reverse shuttle shift capability without using the Inching pedal	S	S	S	S	S	S	S
Volvo HTE1160 Transmission - 11 speeds forward 6 speeds reverse includes Autoshift and travel functions	0	0	0	0	0	0	0
Hydraulically driven - variable speed cooling fan	S	S	S	S	S	S	S
Reversible cooling fan - manual or automatic modes	0	0	0	0	0	0	0
Automatic engine protection lowers engine torque and speed if critical conditions occur	S	S	S	S	S	S	S
Electrical							
Cab mounted headlights with dimmer switch	S	S	S	S	S	S	S
Lights; backup, tail, stop and directional	S	S	S	S	S	S	S
Backup alarm 112 dB(A)	S	S	S	S	S	S	S
Moldboards work lights - 2 or 4	0	0	0	0	0	0	0
Rear work lights - 2 or 4	0	0	0	0	0	0	0
Corner cab work lights - left or right - 2	0	0	0	0	0	0	0
110 amp (2460 watt) alternator	0	0	0	0	0	0	0
24 volt to 12 volt converter - 30 or 60 amp (600 or 1440 watt) with power point	0	0	0	0	0	0	0
Productivity							
Heavy duty circle support system	0	0	0	0	0	0	S
Metallic lower moldboard slide bearing	0	0	0	0	0	0	S
Hinged cooling module fan door for easy trash clean out	S	S	S	S	S	S	S
Ground level fueling	S	S	S	S	S	S	S
Lockable tool box with storage space for scarifier shanks	S	S	S	S	S	S	S
Brackets for Automatic Blade Control System installation	0	0	0	0	0	0	0
Under side rear guards	0	0	0	0	0	0	0
Parts and Service Manual on CD - English only	0	0	0	0	0	0	0
Front fenders/lean and steer with tire - plastic	0	0	0	0	0	0	0
Rear fenders – oscillates with tandem - steel	0	0	0	0	0	0	0
Hydraulics (Control of the Control o		<u> </u>	<u> </u>	C	0	C	C
Proportional Demand Flow hydraulic system with short throw, low effort control levers	S	S	S	S	S	S	S
10 section hydraulic control valve - includes two spare sections with levers	S	S	S	S	S	S	S
Circle turn relief located integral with main manifold	S	S	S	S	S	S	S
Hydraulic oil level monitor via Controlics	S	S	S	S	S	S	S
Blade Lift Float Control, independent right and left detent style	0	0	0	0	0	0	0
Front attachment float control, detent style, independent of other float valves	0	0	0	0	0	0	0
Up to 5 additional remote valve locations for attachments	0	0	0	0	0	0	0
Blade lift accumulators – operator controlled from cab	S	S	S	S	S	S	S
Secondary steering (power assisted)	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
First user lifetime frame warranty – includes articulation pins and bearings	0	0	1		0	1	0
Low ambient fluids for extreme cold conditions below -14° F (-10° C)	0	0	0	0	0	0	0
Sound reduction packages (Standard in EU markets)	0	0	0		0	0	0
Rear licence plate bracket  Air compressor - engine driven with tank capable of operating hand tools		i	i	0		1	
Air compressor - engine driven with tank capable of operating hand tools	0	0	0	0	0	0	0
Volvo CareTrack - remote monitoring system	U	U	U	U		U	

Model (S - Standard / O - Optional)			G930	G940	G946	G960	G970	G976	G990
Operator Cab									
Two lockable operator cab doors complete with inside and ground	level releases		S	S	S	S	S	S	S
Illuminated entry when cab doors are opened - enclosed cab only	S	S	S	S	S	S	S		
Adjustable steering control pedestal with tilt head for maximum op	S	S	S	S	S	S	S		
Gauges include: coolant temperature, engine oil pressure, fuel leve articulation angle indicator	S	S	S	S	S	S	S		
Multi-function Volvo Contronic Monitoring System with visual and audible warnings				S	S	S	S	S	S
Deluxe, cloth covered, fully adjustable suspension seat when grader is equipped with an enclosed cab - 3" (75 mm) retractable seatbelt			S	S	S	S	S	S	S
Deluxe air suspension, cloth covered, fully adjustable suspension seat - 3" (75 mm) retractable seatbelt				0	0	0	0	0	0
Left and right outside dual rear view mirrors			S	S	S	S	S	S	S
Fold-away left and right outside dual rear view mirrors			0	0	0	0	0	0	0
Heated outside left and right dual rear view mirrors			0	0	0	0	0	0	0
Dual interior rear view mirrors			S	S	S	S	S	S	S
Enclosed Low Profile Cab with ROPS and FOPS - left and right of	ab door with s	teps	S	S	S	S	S	S	S
Enclosed High Profile Cab with ROPS and FOPS – left and right cab door with steps			0	0	0	0	0	0	0
Low Profile canopy shell (SPLIT) with ROPS - left and right entry	with steps		0	0	0	0			
Cab heater - 50,000 BTU with cab pressurizer and replaceable file	ters, 10 outlets		S	S	S	S	S	S	S
Air conditioner - 35,000 BTU • HFC-134a (non-CFC refrigerant) with cab heater			0	0	0	0	0	0	0
Defroster fan with 5 outlets directed at front windows and doors			0	0	0	0	0	0	0
Radio/CD player with 4 concealed speakers in head liner			0	0	0	0	0	0	0
Single arm front cab wiper and washer, enclosed cab			S	S	S	S	S	S	S
Single arm wiper and washer - rear window			0	0	0	0	0	0	0
Single arm wiper and washer - lower windows front left & right			0	0	0	0	0	0	0
Dual arm front windshield, increased coverage, Low Profile Cab or	nly		0	0	0	0	0	0	0
Intermittent wipers on all wipers ordered			0	0	0	0	0	0	0
Window - lower front - opening			0	0	0	0	0	0	0
Window - left/right side - opening sliders with multiple position op	enings		0	0	0	0	0	0	0
Lower cab shield, encloses bottom of cab to frame			0	0	0	0	0	0	0
Model (S - Standard / O - Optional)	G930	G940	G946	(	960	G970	<b>G</b> 9	76	G990
Tires and Rims - Availability and approximate weight increase from	om base opera	ting weight							
Tires - Consult your Volvo dealer for full offering									
14:00 x 24 Bias	S	S	S		S	S	S		
14:00 x 24 Radial lb (kg)	410 (185)	410 (185)	410 (18		(185)	410 (185)	•		
17.5 x 25 Bias lb (kg)	265 (120)	265 (120)	265 (12	0) 26	5 (120)	265 (120)	265 (	120)	
17.5 x 25 Radial lb (kg)	615 (280)	615 (280)	615 (28	0) 618	5 (280)	615 (280)	615 (	280)	
16:00 x 24 Bias lb (kg)						685 (310)		310)	S
1000 015 111						1 105 (510	1 40-	(= 40)	/

								·
Model (S - Standard / O - Optional)		G930	G940	G946	G960	G970	G976	G990
Tires and Rims - Availability and approximate weight increase from base operating weight								
Tires - Consult your Volvo dealer for full offering								
14:00 x 24 Bias		S	S	S	S	S	S	
14:00 x 24 Radial	lb (kg)	410 (185)	410 (185)	410 (185)	410 (185)	410 (185)	410 (185)	
17.5 x 25 Bias	lb (kg)	265 (120)	265 (120)	265 (120)	265 (120)	265 (120)	265 (120)	
17.5 x 25 Radial	lb (kg)	615 (280)	615 (280)	615 (280)	615 (280)	615 (280)	615 (280)	
16:00 x 24 Bias	lb (kg)					685 (310)	685 (310)	S
16:00 x 24 Radial	lb (kg)					1,125 (510)	1,125 (510)	440 (200)
20.5 x 25 Bias	lb (kg)					980 (445)		285 (130)
20.5 x 25 Radial	lb (kg)					1,335 (605)		650 (295)
Rims								
9" x 24" (229 x 610 mm) one-piece		S	S					
10" x 24" (254 x 610 mm) one-piece	lb (kg)	55 (25)	55 (25)		S	S		S
10" x 24" (254 x 610 mm) three-piece	lb (kg)	440 (200)	440 (200)	S	385 (175)	385 (175)	S	385 (175)
13" x 25" (330 x 635 mm) one-piece	lb (kg)	230 (105)	230 (105)	230 (105)	230 (105)	230 (105)	230 (105)	
14" x 25" (356 x 635 mm) three-piece	lb (kg)	725 (330)	725 (330)	725 (330)	725 (330)	725 (330)	725 (330)	
17" x 25" (432 x 635 mm) three-piece	lb (kg)					705 (320)		705 (320)
Moldboards - Availability and approximate weight increase from base operating weight								
12' x 25" x 7/8" (3 658 x 635 x 22 mm)		S	S	S	S			
13' x 25" x 7/8" (3 962 x 635 x 22 mm)	lb (kg)	120 (54)	120 (54)	120 (54)	120 (54)			
14' x 25" x 7/8" (4 267 x 635 x 22 mm)	lb (kg)	240 (110)	240 (110)	240 (110)	240 (110)			
12' x 29" x 1" (3 658 x 737 x 25 mm)	lb (kg)	N/A	265 (120)	265 (120)	265 (120)	S	S	
13' x 29" x 1" (3 962 x 737 x 25 mm)	lb (kg)	N/A	410 (185)	410 (185)	410 (185)	145 (65)	145 (65)	
14' x 29" x 1" (4 267 x 737 x 25 mm)	lb (kg)	N/A	550 (250)	550 (250)	550 (250)	285 (130)	285 (130)	
14' x 31" x 1" (4 267 x 787 x 25 mm)								S
16' x 31" x 1" (4 877 x 787 x 25 mm)	lb (kg)							350 (160)
Moldboard extensions RIGHT or LEFT - 2' (610 mm)		0	0	0	0	0	0	0
Moldboard edges - carbide 3/4" x 5" (19 x 127 mm) or 1" x 8" (25 x 203 mm) harden steel		0	0	0	0	0	0	0

Partial listing of available options. Certain features may be standard or not available within specific market. Consult your Volvo Motor Grader distributor for more information.





Volvo Construction Equipment is different. Our machines are designed, built and supported in a different way. That difference comes from an engineering heritage of over 175 years. A heritage of thinking first about the people who actually use the machines. About how to help them be safer, more comfortable, more productive. About the environment we all share. The result of that thinking is a growing range of machines and a global support network dedicated to helping you do more. People around the world are proud to use Volvo. And we're proud of what makes Volvo different — **More care. Built in.** 



Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.

