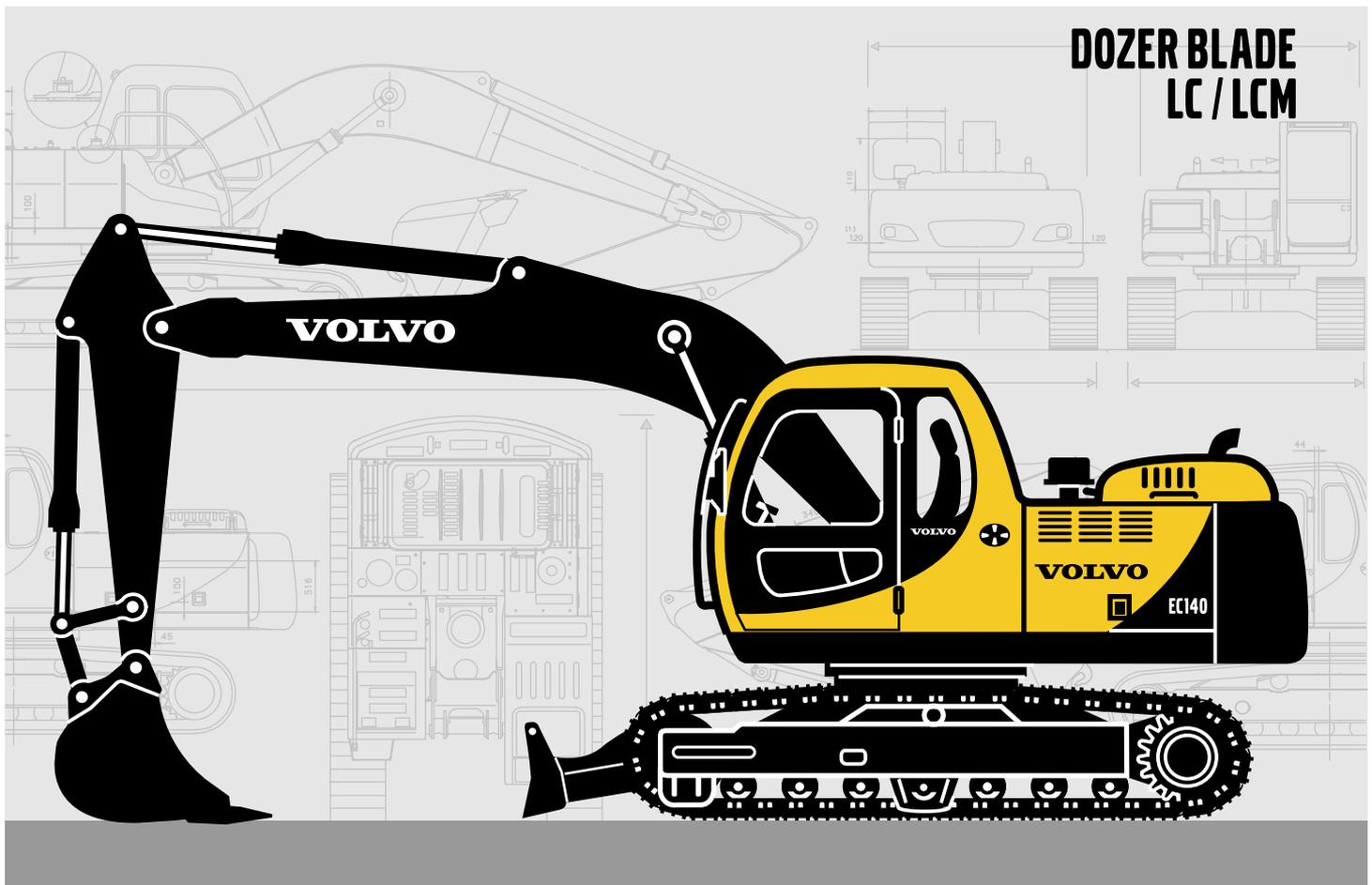


**VOLVO EXCAVATOR**

# EC140



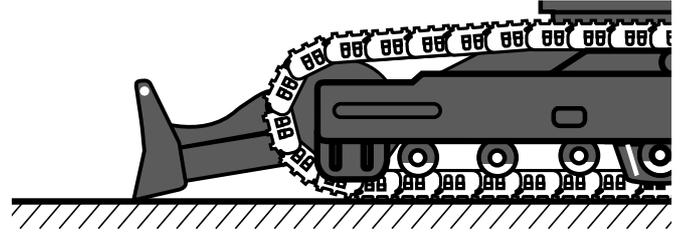
- Engine power, gross:  
79,4 kW 107 hp
- Operating weight:  
LC: 14,1 ~ 14,6 t  
LCM: 15,4 ~ 16,2 t
- Buckets (SAE):  
600 ~ 950 l
- Low-emission, turbocharged Cummins diesel engine with direct injection
- Integrated mode selection system and electronically controlled system (ACS)
- 2 variable displacement axial piston pumps. Independent and simultaneous movements of the attachment are controlled by the "Automatic sensing work mode".
- Cab
  - Ergonomic environment
  - Low sound level
  - Filtered air
  - Hydraulic dampening mounts
- Strong attachment, produced by robotic welding
- High lifting, breakout and tearout forces for tough digging conditions
- Undercarriage
  - LC: Long undercarriage for good stability
  - LCM: Uses 20 ton class undercarriage components and offers higher ground clearance
- Hammer/shear and Volvo quick coupler piping as standard equipment
- Prepared for a number of optional items

**VOLVO**

## DIMENSIONS

### ● Dozer blade

Description	LC	LCM
Blade width	2 600 mm	2 600 mm
Blade height	580 mm	540 mm
Dig depth	540 mm	400 mm
Lift height	545 mm	680 mm



Dozer blade increases versatility:

- Helps level a working area so the EC140 sits firmly and digs vertically.
- Dozes and backfills trenches.
- Speeds site cleanup - objects can be trapped against the blade for easier bucket loading.
- With the blade down, lift capacity over the front is increased.

## GROUND PRESSURE

### ● LC undercarriage with Std. 4,6 m boom, Std. 2,5 m arm, 394 kg bucket and 1 750 kg counterweight.

Description	Shoe width	Operating weight	Ground pressure	Overall width
Triple grouser	500 mm	14 100 kg	42,0 kPa	2 490 mm
	Std. 600 mm	14 310 kg	35,7 kPa	2 590 mm
	700 mm	14 520 kg	31,5 kPa	2 690 mm
	750 mm	14 630 kg	29,3 kPa	2 740 mm

### ● LCM undercarriage with Std. 4,6 m boom, Std. 3,0 m arm, 394 kg bucket and 1 750 kg counterweight.

Description	Shoe width	Operating weight	Ground pressure	Overall width
Triple grouser	Std. 600 mm	15 400 kg	38,2 kPa	2 590 mm
	700 mm	15 610 kg	32,9 kPa	2 690 mm
	800 mm	16 000 kg	29,6 kPa	2 790 mm
	900 mm	16 220 kg	26,4 kPa	2 890 mm

*All products are not available on 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.*

# VOLVO

**Volvo Construction  
Equipment**

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